

Lenox LXAH3GSET11

LENOX Tools Hole Saw Kit, Carbide Tipped, 11-Piece

Model: LXAH3GSET11

Brand: Lenox

1. PRODUCT OVERVIEW

The LENOX SPEED SLOT® Carbide Tipped Hole Saw Kit (LXAH3GSET11) is an 11-piece set designed for professional use, offering exceptional durability and cutting performance across various materials. These hole saws feature high-performance carbides welded to the cutting edge, ensuring extended tool life and resistance to tooth loss. The aggressive tooth design facilitates efficient drilling through challenging materials such as wood, steel, stainless steel, cast iron, fiber cement, and plaster. A patented SPEED SLOT staircase design provides multiple leverage points for quick and easy plug ejection, enhancing user efficiency. The tall body design allows for drilling through 2x dimensional lumber, making it suitable for rough-in work.



Figure 1: LENOX Tools 11-Piece Carbide Tipped Hole Saw Kit, showing various hole saw sizes, arbors, and pilot drills neatly organized within a durable blue and white carrying case.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools and using hole saws. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and gloves. A dust mask is recommended when cutting materials that produce fine particles.
- **Secure Workpiece:** Ensure the material being drilled is firmly clamped or secured to prevent movement during operation.
- **Use Correct Speed:** Operate your drill at the appropriate speed for the material and hole saw size. Refer to your drill's manual for recommended RPMs. Lower speeds are generally required for larger diameter hole saws and

harder materials.

- **Maintain Control:** Always maintain a firm grip on the drill. Be prepared for torque reactions, especially when the hole saw binds or breaks through the material.
- **Avoid Overheating:** Allow the hole saw to cool down periodically, especially during continuous use or when cutting hard materials. Overheating can reduce tool life.
- **Clear Debris:** Disconnect power before clearing chips or debris from the hole saw or workpiece. Use the SPEED SLOT design for safe plug ejection.
- **Inspect Tool:** Before each use, inspect the hole saw and arbor for any damage, cracks, or dull teeth. Do not use damaged tools.
- **Proper Arbor Selection:** Ensure the correct arbor is used for the selected hole saw size and that it is securely tightened.
- **Keep Work Area Clean:** A cluttered work area increases the risk of accidents.

3. KIT COMPONENTS

The LENOX Tools 11-Piece Carbide Tipped Hole Saw Kit (LXAH3GSET11) includes the following components:

- **Hole Saws:** 3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 3/4", 2", 2 9/16", 3"
- **Arbors:** 1L, 2L
- **Pilot Drills:** Two pilot drills
- **Carrying Case:** Durable storage case for organization and transport.

4. SETUP

Proper setup of your LENOX hole saw is crucial for safe and effective operation.

1. **Select the Correct Hole Saw:** Choose the hole saw size appropriate for your application.
2. **Choose the Appropriate Arbor:** Select either the 1L or 2L arbor based on the size of the hole saw and your drill chuck capacity. Ensure the pilot drill is securely installed in the arbor.
3. **Attach Hole Saw to Arbor:** Thread the hole saw onto the arbor until it is hand-tight. Some arbors may have a locking mechanism; ensure it is engaged.
4. **Insert Arbor into Drill:** Insert the arbor's shank into the chuck of your power drill. Ensure the shank is fully inserted and the chuck is tightened securely to prevent slippage during operation.
5. **Verify Stability:** Before drilling, ensure the hole saw and arbor assembly is stable and runs true (without wobble).

5. OPERATING INSTRUCTIONS

Follow these steps for optimal performance and safety when using your LENOX Carbide Tipped Hole Saw Kit:

1. **Prepare Workpiece:** Securely clamp or brace the material you intend to drill. Mark the center point for your hole.
2. **Position the Pilot Drill:** Place the tip of the pilot drill on your marked center point.
3. **Start Drilling:** Begin drilling at a slow speed to allow the pilot drill to penetrate and stabilize the hole saw. Once the hole saw teeth engage the material, gradually increase speed to the recommended RPM for the material type.
4. **Apply Consistent Pressure:** Apply steady, firm pressure. Avoid excessive force, which can cause overheating or binding. Let the hole saw do the work.
5. **Material Compatibility:** These hole saws are designed for versatility, effectively cutting through:

- Wood
- Steel
- Stainless Steel
- Cast Iron
- Fiber Cement
- Plaster

6. **Clear Chips and Plugs:** Periodically withdraw the hole saw from the cut to clear chips, especially in deep cuts. Once the hole is complete, use the patented SPEED SLOT staircase design to easily eject the material plug by leveraging a screwdriver or similar tool through the slots.
7. **Cooling:** For prolonged use or hard materials, consider using cutting fluid or pausing to allow the hole saw to cool down.

6. MAINTENANCE

Proper maintenance extends the life of your LENOX hole saws and ensures consistent performance.

- **Cleaning:** After each use, clean the hole saw and arbor to remove debris, dust, and residue. A wire brush can be used for the teeth.
- **Lubrication:** Apply a light coat of machine oil to the metal parts of the hole saw and arbor to prevent rust, especially if storing for extended periods or in humid environments.
- **Storage:** Store the hole saws and arbors in their original carrying case in a dry place to protect them from damage and corrosion.
- **Inspection:** Regularly inspect the carbide teeth for wear, chipping, or damage. While carbide tips offer superior durability, extreme conditions can still cause damage. Replace damaged hole saws.
- **Pilot Drill Replacement:** The pilot drills are consumable items. Replace them when they become dull or damaged to ensure accurate starting and smooth operation.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hole saw not cutting efficiently or smoking	Dull teeth, incorrect speed, insufficient pressure, or overheating.	Check teeth for sharpness; adjust drill speed (lower for harder materials/larger saws); apply consistent, firm pressure; allow tool to cool.
Hole saw binding or jamming	Workpiece not secured, excessive pressure, or material plug stuck.	Secure workpiece firmly; reduce pressure; use SPEED SLOT to eject plug.
Pilot drill wobbling or breaking	Pilot drill not securely tightened, bent pilot drill, or incorrect starting speed.	Ensure pilot drill is tight in arbor; replace bent pilot drill; start drilling at a slow speed.
Difficulty ejecting material plug	Plug is too tight, or not using the SPEED SLOT feature correctly.	Utilize the SPEED SLOT staircase design by inserting a screwdriver into the slots and leveraging the plug out.

8. SPECIFICATIONS

Feature	Detail
Model Number	LXAH3GSET11
Brand	Lenox
Style	11-Piece Kit
Material	Carbide Tipped (Blend)
Compatible Materials	Wood, Alloy Steel, Cast Iron, Metal, Fiber Cement, Plaster
Item Weight	4.42 pounds (2.01 Kilograms)
Product Dimensions	14 x 1 x 9.63 inches
UPC	885911630061
Power Source	Hand_powered (refers to the drill, not the hole saw itself)
Included Components	3/4", 7/8", 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 3/4", 2", 2 9/16", 3" Hole Saws; 1L, 2L Arbors; Two Pilot Drills

9. WARRANTY & SUPPORT

For specific warranty information and product support, please refer to the official Lenox website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

You can also visit the official [Lenox Store on Amazon](#) for more product information and resources.

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