

YWBL-WH YWBL-WHecdykigzbg

YWBL-WH Door Mortise Tool Instruction Manual

Model: YWBL-WHecdykigzbg

1. INTRODUCTION

Thank you for choosing the YWBL-WH Door Mortise Tool. This tool is designed to simplify and enhance the accuracy of door lock installations by creating precise mortises for door latches. Crafted from durable stainless steel and ABS impact-resistant materials, it ensures professional performance and longevity. This manual provides detailed instructions for the safe and effective use of your new tool.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including safety glasses, when operating this tool.
- Ensure the workpiece (door) is securely clamped before beginning any operation.
- Keep hands and fingers clear of the blades during use.
- Use only sharp, undamaged blades. Dull or damaged blades can cause kickback or inaccurate cuts.
- Do not force the tool. Allow the blades to do the work.
- Store the tool in a safe, dry place, out of reach of children.

3. PACKAGE CONTENTS

Please verify that all components are present in your package:

- 1 x YWBL-WH Door Mortise Tool

4. PRODUCT COMPONENTS AND ANALYSIS

Familiarize yourself with the different parts of your YWBL-WH Door Mortise Tool for optimal use.

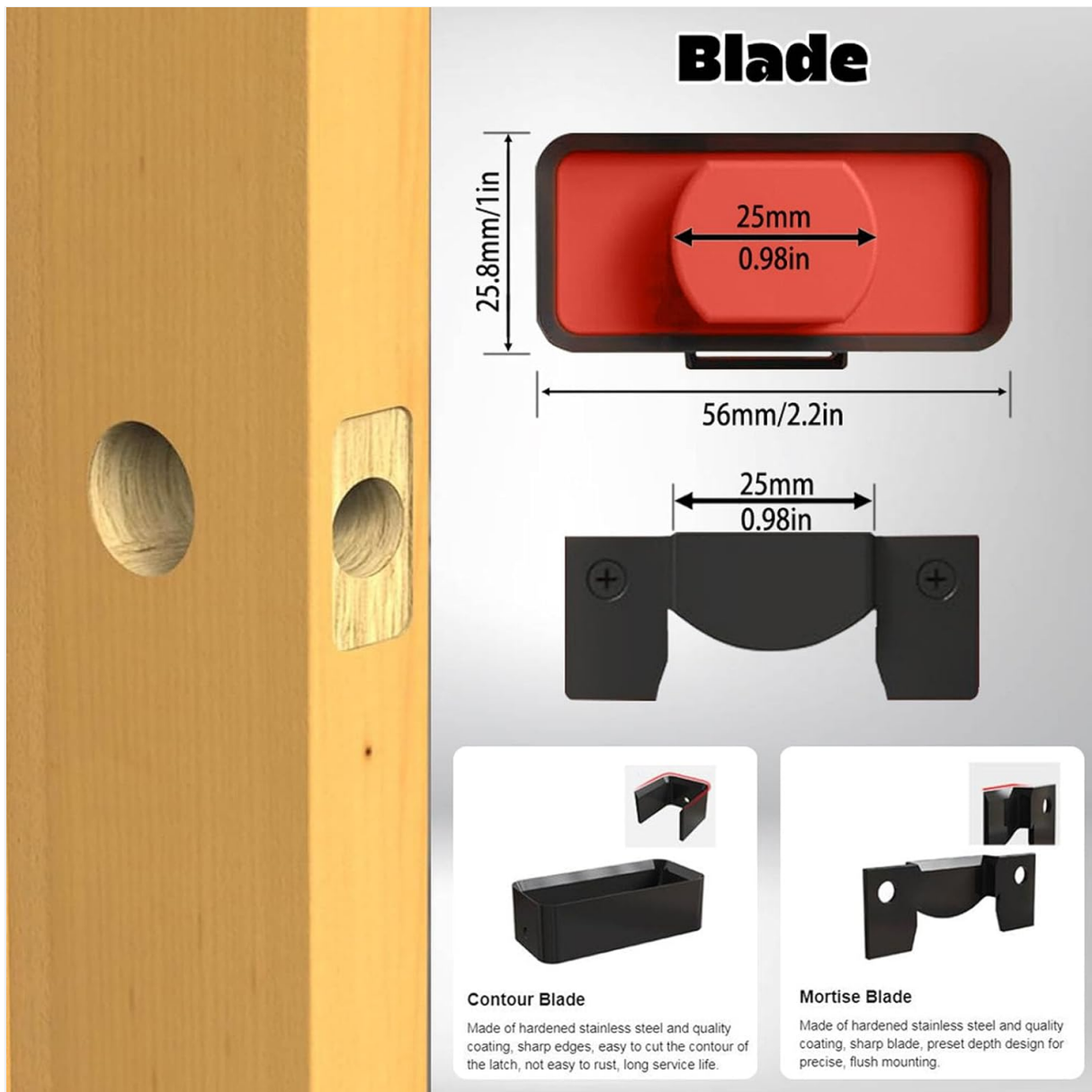


Figure 4.1: Product Components Overview. This image illustrates the key parts of the mortise tool, including the Guide Head for positioning, the Outline Blade for cutting the latch mounting contour, the Mortise Blade for removing wood in the contour area, the 90° Fence for door thickness alignment, and the Strike Head for activating the outline blades.

- **Guide Head:** Used for locating the position of the contour and keeping the mortise tool centered.
- **Outline Blade:** Designed to easily cut out the latch mounting contour.
- **Mortise Blade:** Cuts out wood in the contour area, preparing for latch installation.
- **90° Fence:** Ensures proper alignment for doors of 1-3/4 inches or 1-3/8 inches thick.
- **Strike Head:** Used with a hammer to activate the Outline blades.

5. SETUP AND PREPARATION

Proper setup is crucial for accurate and clean mortises.

1. **Prepare the Door:** Ensure the door is securely positioned and stable. Mark the desired height for the door latch.
2. **Select Door Thickness Setting:** The tool features a 90° fence that automatically adjusts for 1-3/4 inch or 1-3/8 inch thick doors. Position the tool so the correct thickness indicator aligns with your door's edge.



Figure 5.1: Door Thickness Adjustment. This image demonstrates how the tool's fence aligns with different door thicknesses, ensuring the correct setting for either 1-3/4 inch or 1-3/8 inch doors.

- 3. Position the Tool:** Place the tool against the door edge, aligning the guide head with the center of the 1-inch door edging hole. The tool is designed for automatic positioning without manual measuring, ensuring a clean and accurate installation.



Figure 5.2: Tool Positioning. This image shows the mortise tool correctly placed on the door edge, ready to create the mortise for a door latch. The automatic positioning feature ensures precision.

6. OPERATING INSTRUCTIONS

Follow these steps to create a precise mortise for your door latch.

1. **Secure the Tool:** Hold the tool firmly against the door, ensuring it does not shift during operation. The ergonomic grip handle helps prevent slipping.
2. **Create the Outline:** Using a hammer, gently strike the Strike Head of the tool. This action will engage the Outline Blades, scoring the precise contour for the latch plate.

Door Latch for Accurate Chiseling And Scoring

For use with 1-3/4" or 1-3/8" thick doors
Helps to remove material from the door latch installation

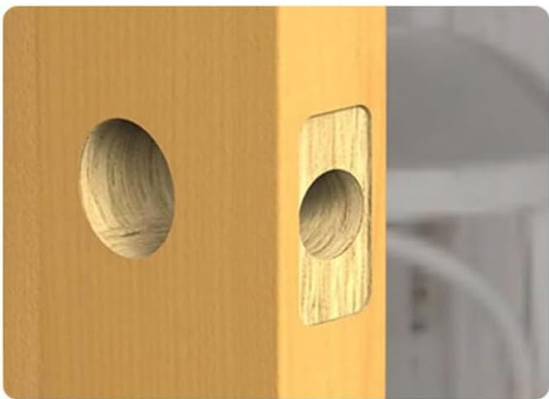


Figure 6.1: Outline Creation. This image illustrates the outline blade in action, creating the initial score for the latch mortise. The resulting cut is clean and precise.

- 3. Remove Material:** Once the outline is scored, the Mortise Blade will remove the material within the contour area. The specially treated blades are designed for sharpness and accuracy, capable of tackling both softwood and hardwood. Continue to apply gentle pressure or tap the tool as needed to remove the wood until the desired depth is achieved for a flush latch mounting.

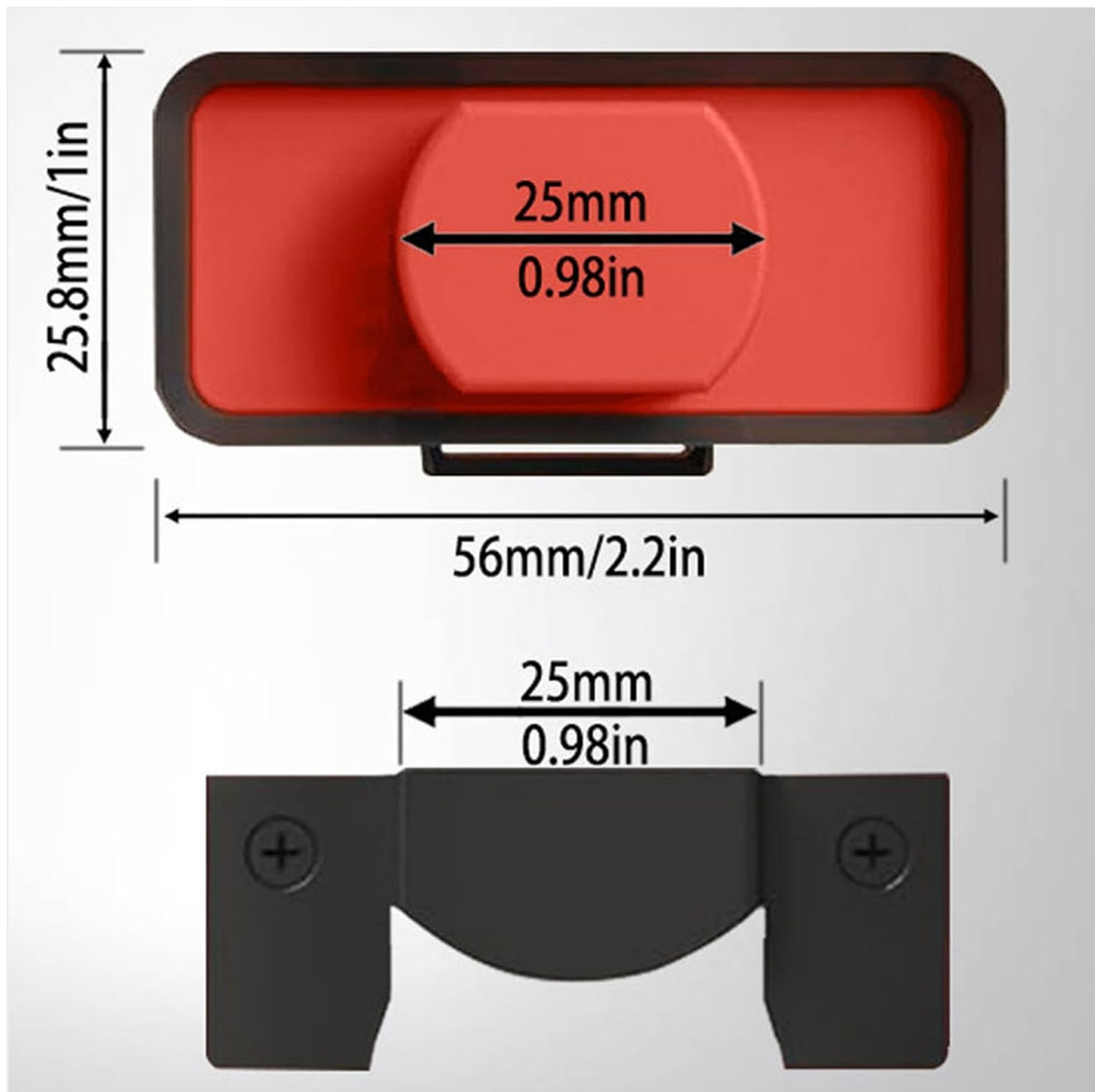


Figure 6.2: Blade Dimensions and Operation. This image provides a detailed view of the tool's blade, showing its dimensions and how it cuts into the wood to create the mortise. The contour and mortise blades work together for a seamless installation.

Product Analysis



Figure 6.3: Blade Details. This image focuses on the contour and mortise blades, emphasizing their hardened stainless steel construction and quality coating for sharp, precise cuts and long service life.

4. **Check Depth:** Periodically check the depth of the mortise to ensure it matches the thickness of your door latch plate for a flush fit.
5. **Clean the Mortise:** Remove any wood chips or debris from the mortise before installing the latch.

7. MAINTENANCE

To ensure the longevity and continued performance of your YWBL-WH Door Mortise Tool, follow these maintenance guidelines:

- **Cleaning:** After each use, clean the tool to remove any wood dust or debris. A soft brush or cloth is recommended.
- **Blade Inspection:** Regularly inspect the blades for sharpness and any signs of damage. Dull blades can lead to poor performance and increased effort.
- **Storage:** Store the tool in a dry environment to prevent rust, especially on the stainless steel components.
- **Lubrication:** Lightly lubricate moving parts or pivot points with a suitable tool oil if necessary, to ensure smooth operation.

8. TROUBLESHOOTING

If you encounter issues while using your mortise tool, refer to the following common problems and solutions:

- **Inaccurate Cuts:**
 - Ensure the door is securely clamped and does not move during operation.
 - Verify the tool is correctly aligned with the door thickness setting (1-3/4" or 1-3/8").
 - Check if the blades are sharp and free from damage.
- **Difficulty Removing Wood:**
 - The blades may be dull. Consider sharpening or replacing them if necessary.
 - Ensure you are applying sufficient, but not excessive, force.
 - Clear any accumulated wood chips from the cutting area.
- **Tool Slipping:**
 - Ensure you have a firm grip on the handle.
 - The door surface should be clean and dry.

9. SPECIFICATIONS

Feature	Specification
Item Type	Door Mortise Tool
Material	Stainless Steel, ABS
Compatible Door Thickness	1-3/4 inches (44.45mm) or 1-3/8 inches (34.925mm)
Product Dimensions (L x W x H)	7.08" x 3.54" x 1.18" (18cm x 9cm x 3cm)
Model Number	YWBL-WHecdykigzbg
Brand	YWBL-WH

10. WARRANTY AND SUPPORT

For any questions, technical support, or warranty inquiries regarding your YWBL-WH Door Mortise Tool, please refer to the retailer where the product was purchased or visit the official YWBL-WH store on Amazon. Keep your purchase receipt as proof of purchase for warranty claims.

Online Store: [YWBL-WH Amazon Store](#)