

FTVOGUE B07PWF55W2

FTVOGUE Woodworking Dowelling Jig Instruction Manual

Model: B07PWF55W2

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your FTVOGUE Woodworking Dowelling Jig. This tool is designed to assist in creating accurate and strong dowel joints in various woodworking projects. Please read this manual thoroughly before operation to ensure proper usage and to prevent damage to the tool or workpiece.

2. SAFETY INFORMATION

Always follow basic safety precautions when using power tools and woodworking equipment. Failure to do so may result in serious injury.

- **Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Stable Workpiece:** Ensure your workpiece is securely clamped or held to prevent movement during drilling.
- **Correct Drill Bit:** Use only sharp, correctly sized drill bits appropriate for the material and the jig's bushings.
- **Read Drill Manual:** Refer to your power drill's instruction manual for its specific safety guidelines.
- **Keep Hands Clear:** Keep hands and fingers away from the drill bit and the drilling area during operation.
- **Clean Work Area:** Maintain a clean and well-lit work area to avoid accidents.

3. PRODUCT OVERVIEW

The FTVOGUE Woodworking Dowelling Jig is a compact and versatile tool designed for creating precise dowel holes. It features a durable plastic body with integrated drill guide bushings and an adjustable fence.



Figure 3.1: The FTVOGUE Woodworking Dowelling Jig, a yellow plastic tool with multiple drill guide bushings for various dowel sizes.



Figure 3.2: A close-up view of the jig's drill guide bushings, demonstrating the robust plastic material and precise hole alignment.

Components:

- **Main Body:** The primary yellow plastic housing of the jig.
- **Drill Guide Bushings:** Integrated metal sleeves that guide the drill bit for accurate hole placement.
- **Adjustable Fence:** A movable guide that allows for setting the jig's position relative to the edge of the workpiece.
- **Handle:** Ergonomically designed for secure gripping during operation.

4. SETUP

Proper setup is crucial for achieving accurate dowel joints.

1. **Determine Wood Thickness:** Measure the thickness of the wood pieces you intend to join.
2. **Adjust the Fence:** Loosen the screws on the adjustable fence. Slide the fence to the desired position to center the drill bit on the edge of your workpiece or to achieve a specific offset. Tighten the screws securely to lock the fence in place.



Figure 4.1: Underside view of the dowelling jig, illustrating the adjustable fence mechanism for precise positioning.



Figure 4.2: A hand using a screwdriver to adjust the fence of the dowelling jig, ensuring accurate alignment for drilling.

3. **Select Drill Bit:** Choose a drill bit that matches the diameter of the dowel pins you will be using and fits snugly into the jig's guide bushings.
4. **Set Drill Depth:** If your drill has a depth stop, set it to the appropriate depth for your dowel pins, considering the thickness of the wood and the desired penetration.

5. OPERATING INSTRUCTIONS

Follow these steps to create accurate dowel joints:

1. **Mark Drilling Positions:** On your workpiece, accurately mark the locations where you intend to drill the dowel holes.
2. **Position the Jig:** Align the jig's fence with the edge of your workpiece and position the desired drill guide bushing over your marked drilling point. Ensure the jig is firmly pressed against the wood.
3. **Secure the Jig:** Hold the jig firmly with one hand, applying downward pressure to prevent it from shifting during drilling. For added stability, clamp the jig and workpiece to your workbench.



Figure 5.1: A user operating the FTVOGUE dowelling jig, guiding a power drill to create a precise hole in a wooden board.

4. **Drill the Holes:** Insert your drill bit into the guide bushing. Start the drill and slowly plunge the bit into the

wood until the desired depth is reached. Withdraw the drill bit while it is still spinning to clear chips.



Figure 5.2: Close-up of the dowelling jig in action, showing the drill bit accurately guided into the wood, ensuring a straight and clean hole.

5. **Repeat for Mating Piece:** For joining two pieces of wood, repeat the process on the second piece, ensuring the jig is aligned correctly to match the holes on the first piece.
6. **Test Fit:** Before applying glue, test fit your dowel pins into the drilled holes to ensure proper alignment and fit.

6. MAINTENANCE

To ensure the longevity and continued accuracy of your dowelling jig, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe down the jig with a dry cloth to remove sawdust and debris. Do not use harsh chemicals that could damage the plastic.
- **Inspection:** Periodically inspect the drill guide bushings for wear or damage. Ensure all screws are tight.
- **Storage:** Store the jig in a clean, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues while using your dowelling jig, consider the following:

- **Inaccurate Holes:**

- Ensure the jig's fence is securely tightened and correctly aligned with the workpiece edge.
- Verify the workpiece is clamped firmly and does not shift during drilling.
- Check that the drill bit is sharp and the correct size for the bushing.

- **Jig Slipping:**

- Apply firm, consistent pressure to the jig during drilling.
- Use clamps to secure both the jig and the workpiece to a stable surface.

- **Difficulty Drilling:**

- Ensure your drill bit is sharp. Dull bits require more force and can lead to inaccurate holes.
- Do not force the drill. Allow the bit to do the work.

8. SPECIFICATIONS

Feature	Detail
Manufacturer	FTVOGUE
Item Weight	6.7 ounces
Product Dimensions	7.87 x 2.76 x 2.56 inches
Material	Plastic
ASIN	B07PWF55W2

9. WARRANTY INFORMATION

This FTVOGUE product is covered by the manufacturer's standard warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the documentation included with your purchase or visit the official FTVOGUE website. Keep your proof of purchase for any warranty claims.

10. SUPPORT INFORMATION

For technical assistance, troubleshooting, or general inquiries about your FTVOGUE Woodworking Dowelling Jig, please contact FTVOGUE customer support. You can typically find contact information, including email addresses or phone numbers, on the manufacturer's official website or within the product packaging. When contacting support, please have your product model number (B07PWF55W2) and purchase date available.