

## WOODCRAFT 111191

# WOODCRAFT Woodturning Project Kit: Cork Bottle Stoppers (10-Pack) Instruction Manual

Model: 111191

## 1. INTRODUCTION

This manual provides detailed instructions for using the WOODCRAFT Woodturning Project Kit for Cork Bottle Stoppers. This kit contains 10 high-grade cork stoppers designed for woodturning enthusiasts to create custom bottle stoppers. Please read all instructions carefully before beginning your project.

## 2. SAFETY INFORMATION

Always prioritize safety when working with woodturning equipment. Adhere to the following guidelines:

- Wear appropriate personal protective equipment (PPE), including safety glasses or a face shield, and hearing protection.
- Ensure your lathe is securely mounted and in good working condition.
- Use sharp turning tools and maintain proper tool rest clearance.
- Never wear loose clothing, jewelry, or gloves that could get caught in rotating machinery.
- Keep your work area clean and free of obstructions.
- Familiarize yourself with your lathe's operation manual before use.

## 3. PACKAGE CONTENTS

The WOODCRAFT Woodturning Project Kit for Cork Bottle Stoppers (Model 111191) includes:

- 10 x High-grade Cork Bottle Stoppers

**Note:** A dowel for mounting the cork stoppers on a lathe is not included in this kit and must be sourced separately.



Figure 1: Contents of the Woodcraft Cork Bottle Stopper Kit. This image displays the ten cork stoppers included in the kit, each featuring a pre-drilled hole for mounting onto a dowel for turning.

## 4. SETUP

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Before you begin turning, prepare your cork stopper for mounting on the lathe.

1. **Prepare the Dowel:** Obtain a suitable dowel (not included) that fits snugly into the pre-drilled hole of the cork stopper. The dowel should be long enough to provide a secure grip in your lathe chuck or collet, with sufficient length extending to mount the cork.
2. **Mount the Cork:** Carefully insert the dowel into the pre-drilled hole of the cork stopper. Ensure the cork is seated firmly and straight on the dowel. You may use a small amount of wood glue to secure the cork to the dowel for added stability during turning, allowing it to dry completely before proceeding.
3. **Secure to Lathe:** Mount the dowel (with the cork attached) into your lathe's chuck or collet. Ensure it is securely tightened and runs true.
4. **Position Tool Rest:** Adjust your tool rest to be slightly below the centerline of the cork and as close as possible without interfering with the rotation.

## 5. OPERATING INSTRUCTIONS (WOODTURNING)

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Follow these steps for turning your cork bottle stopper:

1. **Initial Shaping:** Start the lathe at a low to medium speed. Using appropriate turning tools (e.g., spindle gouge, skew chisel), begin to gently shape the cork. Cork is softer than wood, so use light cuts to avoid tearing or excessive material removal.

- 2. **Refining the Shape:** Gradually increase the lathe speed as the cork becomes more balanced. Continue shaping the cork to your desired profile. Pay attention to the taper that will fit into a bottle neck.
- 3. **Sanding:** Once the desired shape is achieved, begin sanding. Start with a coarser grit sandpaper (e.g., 120-180 grit) and progressively move to finer grits (e.g., 220, 320, 400 grit) to achieve a smooth finish. Sand at a lower lathe speed.
- 4. **Finishing:** Apply a food-safe finish suitable for cork. This could be a mineral oil, beeswax, or a specialized cork sealant. Apply the finish while the lathe is spinning at a low speed, then buff to a desired sheen.
- 5. **Removal:** Once the finish is dry, stop the lathe. Carefully remove the cork stopper from the dowel. If glue was used, a gentle twist or light tap may be needed.

6. MAINTENANCE

To ensure the longevity and performance of your finished cork bottle stoppers:

- **Cleaning:** Wipe the cork stopper with a damp cloth. Avoid harsh detergents or abrasive cleaners.
- **Drying:** Allow the stopper to air dry completely before re-inserting into a bottle.
- **Storage:** Store cork stoppers in a cool, dry place when not in use.
- **Re-finishing:** If the finish appears dull or worn over time, reapply a food-safe finish as needed.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cork tears or crumbles during turning.	Aggressive cuts, dull tools, or excessive lathe speed.	Use lighter cuts, ensure tools are sharp, and reduce lathe speed. Cork is softer than wood and requires a delicate touch.
Cork stopper does not fit bottle neck.	Incorrect shaping or dimensions.	Measure bottle openings before turning. Turn the cork to a slightly larger diameter and test fit, then gradually reduce until a snug fit is achieved.
Cork detaches from dowel during turning.	Insufficient dowel fit or inadequate adhesive.	Ensure a snug fit of the dowel in the cork. Use wood glue to secure the cork to the dowel and allow it to dry completely before turning.

8. SPECIFICATIONS

**Product Name:** Woodturning Project Kit For Cork Bottle Stoppers  
**Brand:** WOODCRAFT  
**Model Number:** 111191  
**Material:** Cork  
**Item Package Quantity:** 10 stoppers  
**Item Weight:** Approximately 1 pound (for the pack)  
**Product Dimensions:** Approximately 3 x 11.55 x 1.2 inches (packaging)  
**ASIN:** B01M97T1CX

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact WOODCRAFT directly through their official website or customer service channels. Keep your purchase receipt for any warranty claims.

**WOODCRAFT Customer Service:** Refer to the contact information provided with your purchase or visit the official WOODCRAFT website.

