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> Workmas Replacement Urethane Band Saw Tires and 1/4" Blade for Mastercraft 55-6722-6 Saw User Manual

Workmas MASTERCRAFT 55-6722-6

Workmas Replacement Urethane Band Saw Tires and 1/4" Blade User Manual

For Mastercraft 55-6722-6 Band Saw

1. INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of your Workmas replacement urethane band saw tires and 1/4-inch band saw blade. These components are designed for use with the Mastercraft 55-6722-6 band saw. Adhering to these guidelines will help ensure optimal performance and longevity of your band saw accessories.

2. PRODUCT OVERVIEW

The Workmas replacement set includes two urethane band saw tires and one 1/4-inch band saw blade. The urethane tires feature a consistent 0.095-inch thickness across their entire width, which is crucial for precise blade tracking. These products are manufactured in the USA.



Image 1: Workmas Urethane Band Saw Tire and Blade Kit. This image displays a single band saw wheel fitted with a blue urethane tire, alongside a coiled blue band saw blade and a small wooden-handled tool, likely for tire installation.

3. SETUP AND INSTALLATION

Proper installation of the band saw tires and blade is essential for safe and effective operation. Always ensure the band saw is unplugged from the power source before beginning any installation or maintenance.

3.1 Installing Urethane Band Saw Tires

1. **Clean Wheels:** Thoroughly clean the band saw wheels, removing any old tire residue, dust, or debris. The wheel surface must be clean and dry for proper tire adhesion and seating.
2. **Warm Tires (Optional):** For easier installation, you may gently warm the urethane tires in warm water or sunlight for a few minutes to increase their flexibility. Do not overheat.
3. **Stretch and Install:** Begin by hooking one edge of the urethane tire onto the wheel rim. Gradually stretch the tire around the wheel, working your way around the circumference. A blunt, non-marring tool (like the wooden handle tool shown in Image 1) can assist in levering the tire onto the wheel, taking care not to damage the tire or wheel.
4. **Seat Properly:** Once installed, ensure the tire is fully seated and centered on the wheel. There should be no twists or uneven sections.

3.2 Installing 1/4" Band Saw Blade

1. **Open Guards:** Open the upper and lower blade guards of your band saw.
2. **Position Blade:** Carefully uncoil the new 1/4-inch blade. Place the blade around the upper and lower band saw wheels, ensuring the teeth are pointing downwards towards the table.
3. **Apply Tension:** Adjust the blade tension knob according to your band saw's manufacturer recommendations. The blade should be taut but not overly tight, allowing for slight deflection when pressed.
4. **Adjust Tracking:** Use the blade tracking adjustment knob to center the blade on the crown of the tires. The blade should run smoothly without rubbing against the blade guides or saw frame.
5. **Set Guides:** Adjust the blade guides and thrust bearings so they are close to, but not touching, the blade. Leave a small gap (e.g., the thickness of a dollar bill) between the guides and the blade.
6. **Close Guards:** Close all blade guards before operating the saw.

4. OPERATING GUIDELINES

After installing new tires and a blade, it is important to perform a test run and make final adjustments.

- **Initial Run:** With the saw unplugged, manually rotate the wheels to ensure the blade moves freely and tracks correctly. Plug in the saw and run it at a slow speed (if adjustable) for a few seconds, observing blade tracking. Adjust as necessary.
- **Blade Tension:** Periodically check blade tension. Incorrect tension can lead to poor cuts, blade breakage, or premature tire wear.
- **Blade Tracking:** Ensure the blade consistently tracks in the center of the urethane tires. Misalignment can cause blade damage or tire wear.
- **Feed Rate:** Allow the blade to do the cutting. Do not force material through the saw, as this can strain the blade and motor.

5. MAINTENANCE

Regular maintenance extends the life of your band saw components and ensures safe operation.

- **Cleanliness:** Keep the band saw wheels, tires, and blade free of sawdust and resin buildup. Use a brush or compressed air.
- **Inspect Tires:** Regularly inspect the urethane tires for signs of wear, cracks, or damage. Replace them if they show significant deterioration.
- **Inspect Blade:** Check the blade for dullness, bent teeth, or cracks. A dull blade will lead to poor cuts and increased strain on the saw. Replace damaged blades immediately.
- **Blade Guides and Bearings:** Ensure blade guides and thrust bearings are clean and properly adjusted. Replace worn guides or bearings.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your band saw tires and blade.

Problem	Possible Cause	Solution
Blade not tracking correctly	Incorrect tracking adjustment, worn tires, debris on wheels	Adjust tracking knob, inspect/clean tires and wheels, replace tires if worn
Blade breaks frequently	Too much tension, insufficient tension, dull blade, improper blade guides	Adjust blade tension, replace dull blade, adjust/replace blade guides
Poor cut quality (rough, wavy)	Dull blade, incorrect blade tension, excessive feed rate, worn blade guides	Replace blade, adjust tension, reduce feed rate, adjust/replace guides
Excessive vibration	Unbalanced wheels, damaged tires, loose components	Inspect wheels and tires for damage, ensure all components are secure

7. SPECIFICATIONS

- **Product Type:** Replacement Band Saw Tires and Blade Kit
- **Tire Material:** Urethane
- **Tire Thickness:** 0.095 inches (consistent)
- **Blade Width:** 1/4 inch
- **Compatibility:** Mastercraft 55-6722-6 Band Saw
- **Manufacturing Origin:** Made in the USA
- **Brand:** Workmas
- **ASIN:** B08PP6Q2QL

8. WARRANTY AND SUPPORT

Specific warranty information for this Workmas product is not provided in the available data. For warranty details, technical support, or further assistance, please contact the manufacturer, Workmas, directly or refer to their official website. Please have your product model (Mastercraft 55-6722-6) and ASIN (B08PP6Q2QL) available when contacting support.

