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DNLK 5022458

DNLK Urethane Band Saw Tire Instruction Manual

For Shopsmith Band Saws, Model 5022458

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your DNLK Urethane Band Saw Tires. These tires are specifically designed for Shopsmith band saws, model 5022458, offering enhanced durability and performance. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your band saw tires.

PRODUCT FEATURES

- **Everlasting Durability:** Constructed from high-grade, friction-resistant, ultra-durable urethane, these tires offer superior load-bearing capacity and thermostability, ensuring reliable performance in various temperature conditions.
- **Made in the USA:** Manufactured in the USA under rigorous quality control standards, guaranteeing a high-quality product.
- **Outstanding Performance:** Each Blue Max band saw tire features an evenly distributed embossed Acutrack™ finish. This design promotes precise blade tracking, reduces operational noise, and provides effective shock absorption.
- **Easy Installation:** Designed for convenience, these urethane bands do not require adhesive or soaking prior to installation. The set includes necessary tools for quick and straightforward band saw wheel replacement.
- **Compatibility:** Specifically designed to fit Shopsmith 5022458 band saw models.

SETUP AND INSTALLATION

Proper installation of your DNLK urethane band saw tires is crucial for optimal performance and safety. Follow these steps carefully:

Tools Required:

- New DNLK Urethane Band Saw Tires (2 included)
- Installation tool (included with tires)
- Screwdriver or wrench (for band saw wheel removal, if necessary)
- Safety gloves

Installation Steps:

1. **Safety First:** Ensure your band saw is unplugged from the power source before beginning any maintenance or installation.
2. **Access Wheels:** Open the band saw's wheel covers to access the upper and lower wheels.
3. **Remove Old Tires:** Carefully remove the old, worn-out tires from both band saw wheels. This may involve prying them off with a flat-head screwdriver or similar tool. Clean any debris or residue from the wheel surfaces.
4. **Prepare New Tire:** DNLK urethane tires do not require soaking in hot water. They are designed to stretch and fit snugly.
5. **Begin Installation:** Place one edge of the new urethane tire onto the rim of the band saw wheel.
6. **Stretch and Seat:** Using the included installation tool, or by hand, gradually stretch the tire around the wheel. Work your way around the wheel, ensuring the tire is evenly seated in the center of the wheel's rim. The urethane material is designed to stretch significantly.
7. **Inspect Seating:** Once fully installed, rotate the wheel by hand to ensure the tire is perfectly centered and seated without any twists or bulges. Repeat for the second wheel.
8. **Reassemble:** Close the band saw's wheel covers.
9. **Test Tracking:** Before operating with a blade, manually rotate the wheels to confirm smooth movement. After installing a blade, perform a test run at a slow speed to check blade tracking and make any necessary adjustments to the blade guides and tension.

DNLK™ 2 PACK BLUE MAX^R

Urethane Tires Compatible
with Branded Band Saws



Image: DNLK Blue Max Urethane Band Saw Tires and Wheel. This image shows the two new urethane tires alongside a band saw wheel with one tire already installed, illustrating the product and its application.

REPLACE YOUR OLD WORN OUT TIRES



Image: Replace Your Old Worn Out Tires. This image depicts a band saw wheel with an existing, possibly worn, blue tire, highlighting the purpose of the replacement tires.

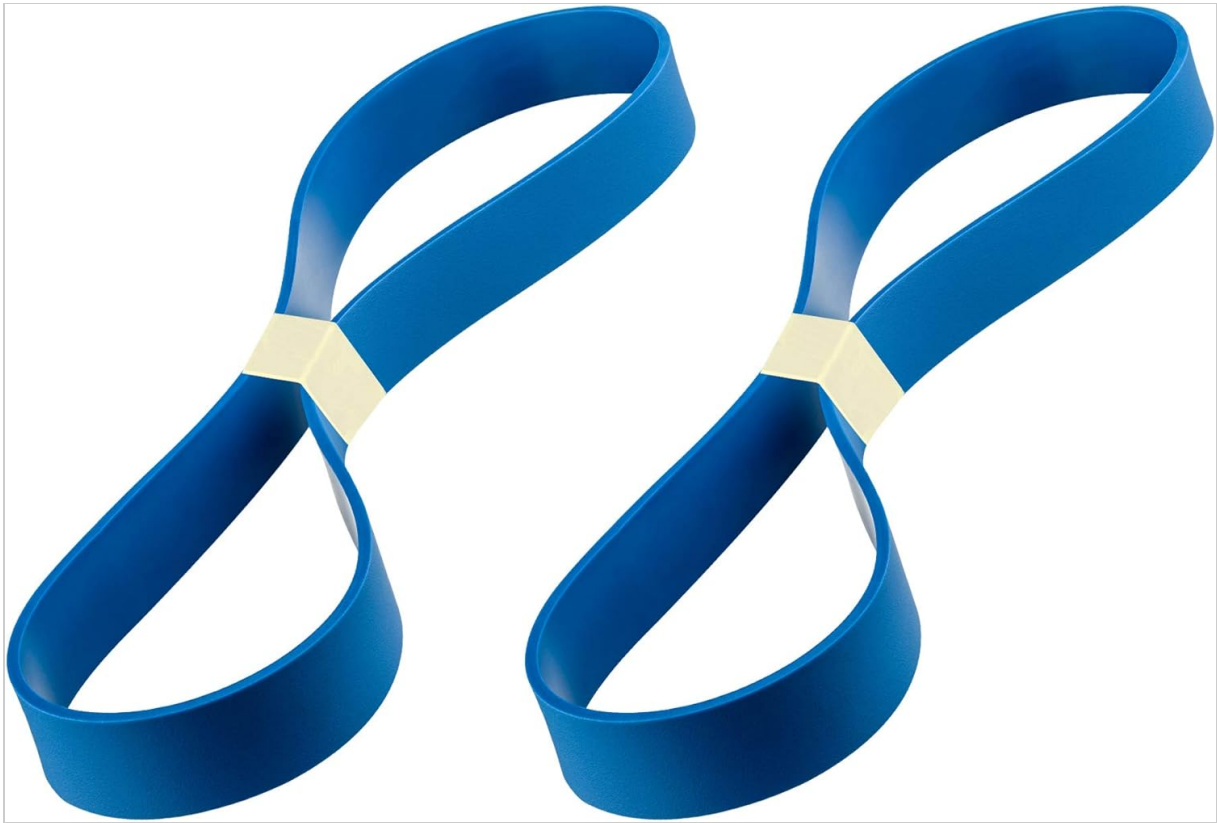


Image: Two DNLK Urethane Band Saw Tires. This image displays the two urethane band saw tires as they are supplied, ready for installation.

OPERATING WITH NEW TIRES

After installing your new DNLK urethane band saw tires, it is important to ensure proper operation for safety and optimal cutting performance.

- **Blade Tracking:** Urethane tires provide excellent grip and promote precise blade tracking. Always ensure your blade is properly tensioned and tracking correctly on the center of the tires before making any cuts. Adjust blade guides as needed.
- **Reduced Noise and Vibration:** The shock-absorbing properties of urethane tires contribute to a quieter operation and reduced vibration, leading to smoother cuts.
- **Blade Selection:** Use appropriate blade types and widths for your specific cutting tasks. The tires are designed to accommodate various blade sizes compatible with your Shopsmith 5022458 band saw.

MAINTENANCE

Regular maintenance will extend the life of your DNLK urethane band saw tires and ensure consistent performance.

- **Cleaning:** Periodically inspect the tires for sawdust buildup, pitch, or other debris. Clean them with a stiff brush or a damp cloth. Avoid using harsh chemicals that could degrade the urethane material.
- **Inspection:** Regularly check the tires for any signs of wear, cracks, or damage. While urethane is highly durable, extreme conditions or prolonged heavy use can eventually cause wear.
- **Storage:** If the band saw is to be stored for an extended period, consider releasing blade tension to reduce continuous pressure on the tires.



INTERFACE HARDENING

Image: Interface Hardening. This image shows a detailed view of the tire's surface texture, referred to as 'Interface Hardening', which contributes to precise blade tracking and grip.

TROUBLESHOOTING

If you encounter issues after installing your new DNLK urethane band saw tires, consider the following common troubleshooting steps:

- **Blade Not Tracking Correctly:**
 - Ensure tires are fully and evenly seated on both wheels.
 - Check blade tension; it should be appropriate for the blade width.
 - Adjust the upper wheel tilt mechanism to center the blade on the tires.
 - Verify blade guides are properly set and not interfering with blade movement.
- **Excessive Vibration or Noise:**
 - Confirm tires are installed correctly and evenly on the wheels.
 - Check for any debris caught between the tire and the wheel.
 - Inspect the band saw wheels themselves for any damage or imbalance.

- **Tire Slippage:**

- Ensure the tires are clean and free of oil or grease.
- Verify the tires are fully stretched and seated tightly on the wheels. Urethane tires are designed for a tight fit without adhesive.

SPECIFICATIONS

Manufacturer	DNLK
Part Number	9003879
Item Weight	6 ounces
Package Dimensions	9 x 6 x 1 inches
Item Model Number	5022458
Color	Blue
Material	Urethane
Shape	Circular
Special Features	Wheels

WARRANTY AND SUPPORT

For any questions regarding your DNLK Urethane Band Saw Tires, including warranty information or technical support, please contact the manufacturer directly. Refer to the packaging or the point of purchase for specific contact details. Always provide your product model number (5022458) when seeking support.