Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Makita A-99948

Makita A-99948 6-1/2" 64T Carbide-Tipped UltraThin Kerf Saw Blade

Model: A-99948 | Brand: Makita

Product Overview

The Makita A-99948 is a 6-1/2" 64T Carbide-Tipped Ultra-Thin Kerf Saw Blade designed for precision cutting. This blade is an ideal accessory for compatible Makita 18V LXT Cordless 6-1/2" Compact Dual-Bevel Compound Miter Saws (models XSL05Z, sold separately). It features high-grade Tungsten carbide tips for enhanced durability and special Alternate Top Alternate Face with Raker (ATAFR) carbide tips for smoother, faster cuts.



Image: The Makita A-99948 6-1/2" 64T Carbide-Tipped UltraThin Kerf Saw Blade, showcasing its design and carbide tips.

Key Features:

- **Enhanced Cutting Efficiency:** Provides up to 70% more cuts per charge and up to 70% faster cutting compared to standard blades.
- **Durable Construction:** Features high-grade Tungsten Carbide tips for long-lasting performance.
- **Smooth & Fast Cuts:** Special ATAFR (Alternate Top Alternate Face w/ Raker) carbide tips ensure smoother and faster cutting operations.
- **Reduced Pitch Build-up:** Equipped with a blade coating that minimizes pitch build-up, contributing to smoother cuts.

Safety Information

Always prioritize safety when handling and operating saw blades. Failure to follow safety guidelines can result in serious injury.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, and gloves, when installing, removing, or operating the saw blade.
- **Power Disconnection:** Ensure the power tool is disconnected from its power source (unplugged or battery removed) before installing, removing, or performing any maintenance on the saw blade.
- **Correct Blade Selection:** Use only the correct size and type of blade for your specific saw and application. This blade is designed for fine crosscuts, framing, and hardwood.
- **Blade Inspection:** Before each use, inspect the blade for any signs of damage, cracks, missing teeth, or excessive wear. Do not use a damaged blade.
- **Proper Installation:** Ensure the blade is installed correctly with the teeth facing the direction of rotation as indicated on the saw and blade. Tighten all fasteners securely.
- **Workpiece Securement:** Always secure the workpiece firmly before cutting to prevent kickback.
- **Clear Work Area:** Keep your work area clean and free of obstructions.
- **Avoid Forcing:** Do not force the blade through the material. Allow the blade to cut at its own pace.
- **Storage:** Store blades in a safe, dry place to prevent damage and corrosion.

Setup and Installation

Proper installation of the saw blade is critical for safe and effective operation.

1. **Disconnect Power:** Ensure your miter saw or circular saw is unplugged or its battery pack is removed before beginning installation.
2. **Access Blade Arbor:** Refer to your saw's instruction manual for specific steps on how to access the blade arbor and remove the blade guard.
3. **Remove Old Blade (if applicable):** Use the appropriate wrench to loosen the arbor nut while holding the blade still with the blade lock button (if available). Carefully remove the old blade.
4. **Clean Arbor and Flanges:** Clean any sawdust or debris from the arbor, inner and outer flanges. This ensures the new blade sits flush and runs true.
5. **Install New Blade:** Place the Makita A-99948 blade onto the arbor, ensuring the rotation arrow on the blade matches the rotation direction of your saw. The teeth should point towards the direction of cut.
6. **Secure Blade:** Reinstall the outer flange and arbor nut. Tighten the arbor nut firmly with the wrench, but do not overtighten.
7. **Reassemble Guard:** Reinstall any blade guards or covers that were removed. Ensure they function correctly and do not impede blade rotation.
8. **Test Rotation:** Manually rotate the blade to ensure it spins freely and without wobble.

Note: *This blade is specifically designed for use with compatible Makita 18V LXT Cordless 6-1/2" Compact Dual-Bevel Compound Miter Saws (e.g., model XSL05Z). Always consult your power tool's manual for detailed blade installation instructions.*

Operating Instructions

Follow these guidelines for optimal performance and safety when using the Makita A-99948 saw blade.

- **Material Compatibility:** This blade is optimized for fine crosscuts, framing, and hardwood. It excels at cutting plywood, laminates, and melamine with minimal chip-out.
- **Cutting Technique:**
    - Allow the saw to reach full speed before engaging the material.
    - Apply steady, consistent pressure. Do not force the blade. The ultra-thin kerf and high tooth count (64T) are

designed for smooth, precise cuts, which may require a slightly slower feed rate than coarser blades.
    - Maintain a firm grip on the saw and ensure the workpiece is securely clamped.
    - For best results on delicate materials like plywood or laminates, consider using a zero-clearance insert or scoring the cut line first.

- **Dust Management:** Connect your saw to a dust collection system or use a dust bag to manage sawdust, which improves visibility and reduces inhalation hazards.
- **Blade Cooling:** For prolonged cutting, especially in dense hardwoods, allow the blade to cool periodically to prevent overheating, which can reduce blade life and cutting quality.

Maintenance

Regular maintenance will extend the life and performance of your saw blade.

- **Cleaning:** After each use, clean the blade to remove pitch and resin buildup. Use a specialized blade cleaner or a mild solvent and a stiff brush. Avoid abrasive materials that can damage the carbide tips or coating.
- **Inspection:** Periodically inspect the carbide tips for wear, damage, or missing teeth. Check the blade body for cracks or warping.
- **Sharpening:** When the blade begins to cut less efficiently or produces excessive tear-out, it may need sharpening. Carbide-tipped blades require professional sharpening services to maintain their precise angles and tip integrity. Do not attempt to sharpen carbide tips with standard files.
- **Storage:** Store the blade in its original packaging or a protective sleeve in a dry environment to prevent corrosion and damage to the teeth. Keep it away from moisture and extreme temperatures.

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Excessive Tear-out / Chipping	Dull blade, incorrect feed rate, improper blade for material, workpiece not secured.	Sharpen or replace blade. Reduce feed rate. Ensure blade is appropriate for material. Secure workpiece firmly.
Blade Overheating / Burning Wood	Dull blade, excessive feed rate, pitch buildup, incorrect blade for material thickness.	Sharpen or replace blade. Reduce feed rate. Clean blade. Ensure blade is suitable for material.
Blade Wobbles / Vibrates	Improper installation, damaged arbor/flanges, bent blade.	Reinstall blade correctly, ensuring arbor and flanges are clean. Inspect arbor/flanges for damage. Replace bent blade.
Slow Cutting Speed	Dull blade, pitch buildup, insufficient motor power.	Sharpen or replace blade. Clean blade. Ensure saw has adequate power for the task.

Specifications

Attribute	Detail

Attribute	Detail
Model Number	A-99948
Blade Diameter	6-1/2 inches
Number of Teeth	64T
Blade Type	Carbide-Tipped, Ultra-Thin Kerf
Material	Tungsten Carbide (tips)
Compatible Materials	Fine Crosscut, Framing, Hardwood (including plywood, laminates, melamine)
Product Dimensions	0.24"L x 8.26"W
Item Weight	0.44 Pounds (approx. 7 ounces)
UPC	088381490528, 088381490283

Warranty and Support

For specific warranty information regarding your Makita A-99948 saw blade, please refer to the documentation included with your purchase or visit the official Makita website. Makita products are known for their quality and durability.
If you require technical assistance or have questions about the product, please contact Makita customer support. You can often find contact details on the official Makita website or through the retailer where the product was purchased.
Online Resources:

- Official Makita Website: www.makitatools.com
- Makita Brand Store on Amazon: Visit Makita Store

© 2024 Makita. All rights reserved. This manual is for informational purposes only.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07BHSX7L6

More documents and user manuals: **https://manuals.plus/**