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DEWALT DW3215PT

DEWALT DW3215PT 10-Inch 60-Tooth ATB Crosscutting Saw Blade

INSTRUCTION MANUAL

Introduction

This manual provides essential information for the safe and effective use of your DEWALT DW3215PT 10-Inch 60-Tooth ATB Crosscutting Saw Blade. Designed for precision trim applications, this blade features a 60-tooth Alternate Top Bevel (ATB) configuration for smooth crosscuts in various woodworking materials. Its thin kerf design minimizes material waste and motor load, while the Tough Coat industrial anti-stick coating reduces friction, prevents rust, and simplifies cleaning. Please read all instructions carefully before installation and operation.

Important Safety Information

WARNING: Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and gloves, when handling or operating saw blades. Disconnect power from the saw before installing, removing, or performing any maintenance on the blade. Ensure the blade is correctly installed and secured before operation. Never operate a damaged or dull blade. Refer to your saw's instruction manual for additional safety guidelines.

Setup and Installation

1. **Power Disconnection:** Ensure the power tool (miter saw or table saw) is unplugged from its power source before beginning installation.
2. **Blade Removal:** If replacing an existing blade, carefully remove the old blade according to your saw's manufacturer instructions. Note the direction of rotation.
3. **Cleaning:** Clean the saw's arbor and blade flanges to ensure proper seating of the new blade.
4. **Blade Placement:** Place the DEWALT DW3215PT blade onto the saw's arbor, ensuring the teeth are oriented to cut in the correct direction (usually indicated by an arrow on the blade and saw). The arbor size for this blade is 5/8-inch.
5. **Securing the Blade:** Reinstall the blade washer and arbor nut. Tighten the arbor nut securely using the appropriate wrench, ensuring the blade is firmly seated and does not wobble. Do not overtighten.
6. **Guard Check:** Verify that all blade guards are properly reinstalled and functioning correctly before restoring power.



Image: The DEWALT DW3215PT saw blade correctly installed on a miter saw, ready for operation. This image illustrates the proper orientation and seating of the blade on the tool's arbor.

Operating Instructions

The DEWALT DW3215PT blade is designed for smooth crosscutting in various wood types. Follow these guidelines for optimal performance:

- **Material Preparation:** Ensure your workpiece is clean, free of foreign objects, and properly supported.
- **Secure Workpiece:** Always clamp or hold the workpiece firmly against the fence and table to prevent movement during the cut.
- **Start the Saw:** Allow the saw to reach full operating speed before engaging the blade with the material.
- **Cutting Technique:** Apply steady, consistent pressure when feeding the material into the blade or lowering the blade into the material. Avoid forcing the blade, as this can lead to poor cut quality, excessive wear, and potential kickback. The 60-tooth ATB design is optimized for clean, splinter-free crosscuts.
- **Blade Exit:** Allow the blade to come to a complete stop before raising it from the workpiece or removing the workpiece from the saw.



Image: The DEWALT DW3215PT saw blade actively cutting through a piece of wood. This demonstrates the blade's function during a typical crosscutting operation.

Maintenance

Proper maintenance extends the life and performance of your saw blade.

- **Cleaning:** Regularly clean the blade to remove pitch and resin buildup. The Tough Coat anti-stick coating helps reduce buildup, but periodic cleaning with a specialized blade cleaner is recommended. Always remove the blade from the saw before cleaning.
- **Inspection:** Before each use, inspect the blade for bent, chipped, or missing teeth, cracks, or any other signs of damage. A damaged blade can be dangerous and should be replaced immediately.
- **Sharpening:** When the blade becomes dull, it should be professionally sharpened by a qualified service technician. Do not attempt to sharpen carbide-tipped blades yourself unless you have the proper equipment and expertise.
- **Storage:** Store the blade in a dry, protected area to prevent rust and damage to the teeth. Use a blade storage case or hang it securely.

Troubleshooting

Problem	Possible Cause	Solution
Rough or splintered cuts	Dull blade, incorrect feed rate, improper blade for material	Sharpen or replace blade, adjust feed rate, ensure blade is suitable for the material.

Problem	Possible Cause	Solution
Excessive vibration or noise	Loose blade, damaged blade, dirty arbor/flanges	Check blade tightness, inspect for damage and replace if necessary, clean arbor and flanges.
Blade burning wood	Dull blade, slow feed rate, pitch buildup	Sharpen or replace blade, increase feed rate, clean blade.
Blade binding or kickback	Improper alignment, forcing cut, dull blade, workpiece not secured	Ensure proper alignment, do not force cuts, sharpen/replace blade, secure workpiece firmly.

Specifications

Model Number: DW3215PT

Blade Diameter: 10 inches (254 mm)

Number of Teeth: 60

Tooth Configuration: ATB (Alternate Top Bevel)

Arbor Size: 5/8-inch (16 mm)

Material: Carbide

Coating: Tough Coat Anti-Stick

Application: Crosscutting, Precision Trim

Item Weight: Approximately 1.67 pounds (0.76 Kilograms)

Product Dimensions: 13.5"L x 11.75"W

UPC: 028877568768

Warranty Information

This DEWALT product comes with a 30 Day Money Back Guarantee. For detailed warranty terms and conditions, please refer to the official DEWALT warranty statement or contact DEWALT customer support.

Customer Support

For technical assistance, service, or to locate an authorized service center, please visit the official DEWALT website or contact their customer service department. Always provide the model number (DW3215PT) when seeking support.
DEWALT Official Website: www.dewalt.com

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