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› RMSPO Dado Throat Plate Zero Clearance Insert User Manual

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USER MANUAL

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your new RMSPO Dado Throat Plate Zero Clearance Insert. Designed for precision and durability, this insert helps improve the quality of your cuts by minimizing tear-out and providing stable support for your workpiece.



Figure 1.1: RMSPO Dado Throat Plate Zero Clearance Insert (Top View)

2. Compatibility

The RMSPO Dado Throat Plate Zero Clearance Insert is specifically designed to fit the following Delta Table Saw models:

- Delta 36-725
- Delta 36-5152

- Delta 36-5000
- Delta 36-5000T2

Ensure your table saw model matches one of the listed compatible models for proper fit and function.

3. Key Features

- **Zero Clearance Design:** Minimizes tear-out on the workpiece, resulting in cleaner and more precise cuts, especially with dado blades.
- **Durable MDF Construction:** Made from Medium-Density Fiberboard (MDF), offering greater stability compared to traditional plywood inserts, which can deform over time.
- **Precision Cut:** Manufactured with high precision to ensure a snug fit in compatible Delta table saws.
- **Enhanced Workpiece Support:** Provides a solid and level surface for your material, improving safety and cut accuracy.



Figure 3.1: Comparison illustrating the stability of the Dado Throat Plate against easily deformed alternatives.

4. Setup and Installation

While the Dado Throat Plate is precision-cut, minor adjustments may be necessary to achieve a perfect, strong pressure fit in your specific table saw. This is a common requirement for zero-clearance inserts to ensure optimal performance.

1. **Prepare the Saw:** Ensure your table saw is unplugged and the blade is fully retracted. Remove the existing throat plate.
2. **Test Fit:** Carefully place the RMSPO Dado Throat Plate into the opening of your table saw. Observe if it sits flush and if there are any tight spots or gaps.
3. **Sanding for Fit (if necessary):** If the insert is too tight, light hand sanding of the edges may be required. The amount of sanding needed is typically small, allowing for controlled adjustment to achieve a very snug fit. Sand small amounts at a time and re-test the fit frequently.
4. **Create Zero Clearance Slot:** Once the insert fits snugly, install your dado blade stack to the desired width. With the saw unplugged, carefully lower the insert into place. Then, while holding the insert firmly, slowly raise the spinning dado blade through the insert to create the zero-clearance slot. This ensures the slot perfectly matches your blade's kerf.
5. **Secure the Insert:** Ensure the insert is fully seated and stable before operating the saw.

EASY TO INSTALL

You need sanding, and you get a very strong, very good pressure fit with sanding. The amount of grinding is small, so you only need to easily control the manual grinding.



Figure 4.1: The installation process, which may involve minor sanding for a perfect fit.

Video 4.1: Demonstration of the Dado Throat Plate installation and use with a Delta table saw.

5. Operating Instructions

Once installed, the Dado Throat Plate Zero Clearance Insert is ready for use. Always follow your table saw's safety guidelines and wear appropriate personal protective equipment (PPE).

- **Blade Selection:** Use appropriate dado blades for your desired cut width. The zero-clearance slot will be specific to the last blade setup used.
- **Workpiece Placement:** Place your workpiece firmly on the throat plate, ensuring it is stable and properly aligned with the fence.
- **Cutting:** Proceed with your dado cuts as usual. The tight clearance around the blade will significantly reduce tear-out on the top surface of your material.

DADO ZERO-BACKLASH BLADES

Fits Delta table saws. It is made of MDF and is cut with great precision. It helps in the tearing of the workpiece.

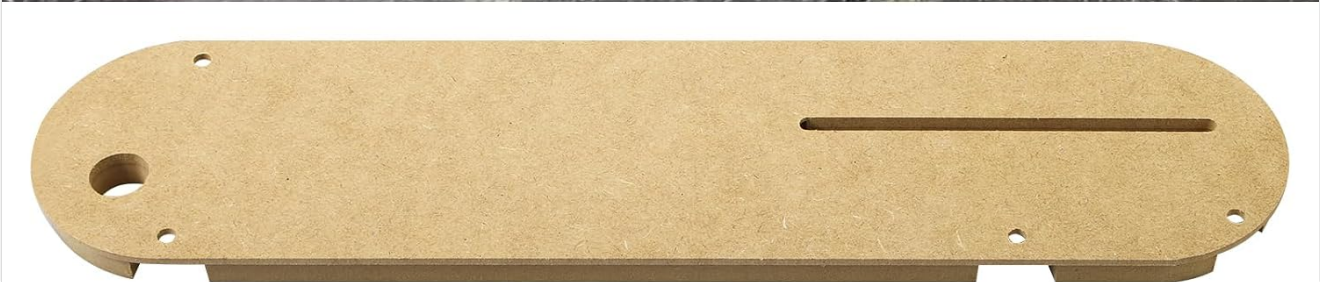
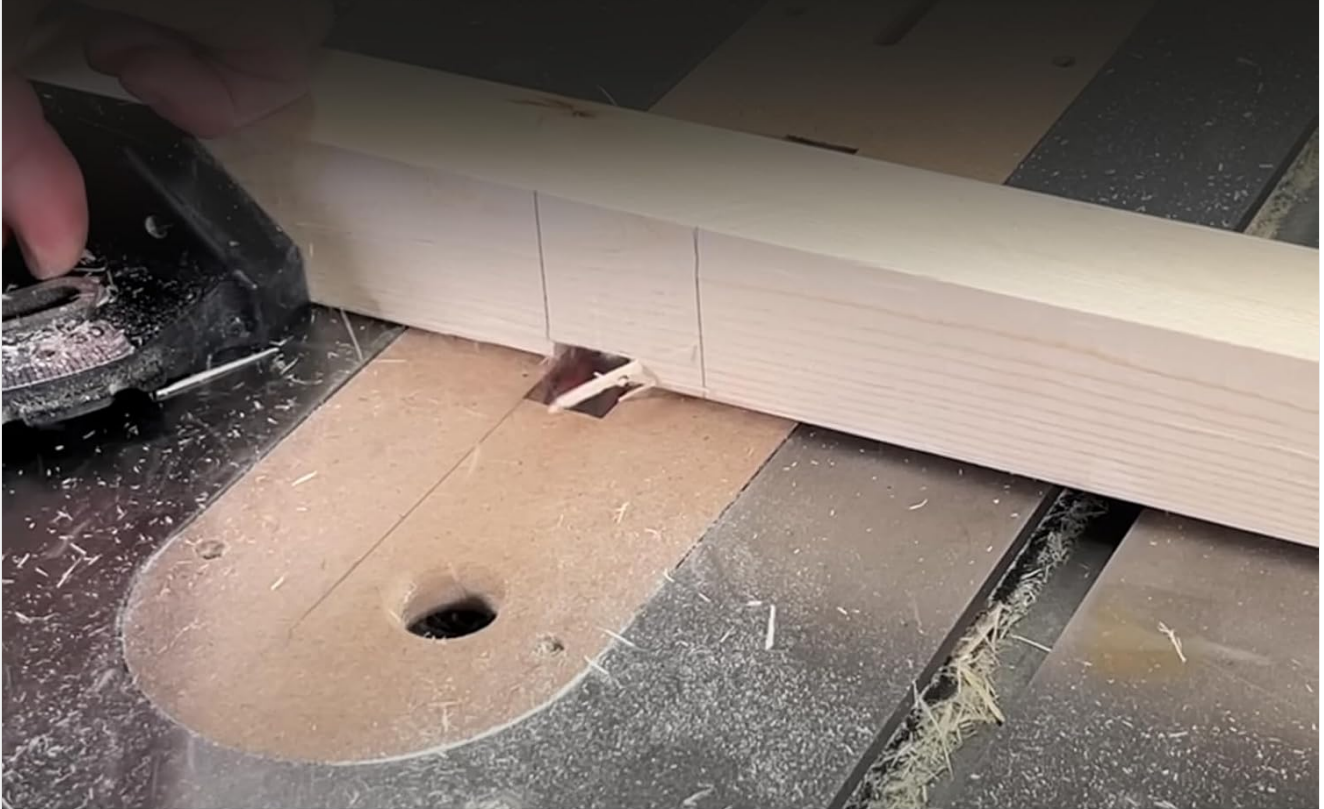


Figure 5.1: The Dado Throat Plate in action, demonstrating its effectiveness in reducing tear-out during cuts.

DADO ZERO GAP BLADE

Suitable for Delta 36-725, 36-725T2, 36-5152, 36-5000, 36-5000T2 table saws.

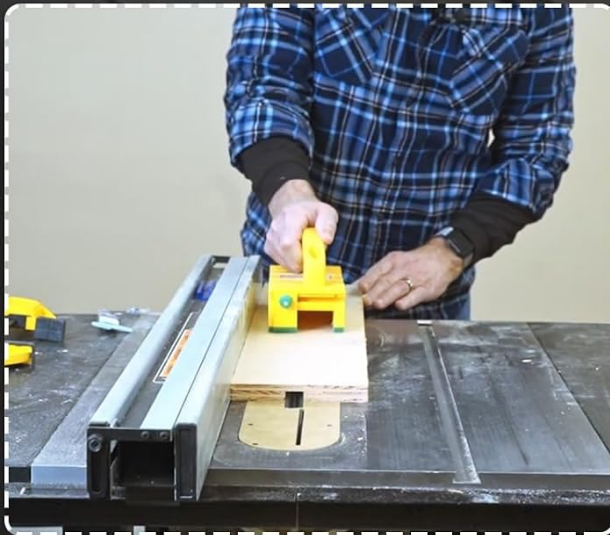
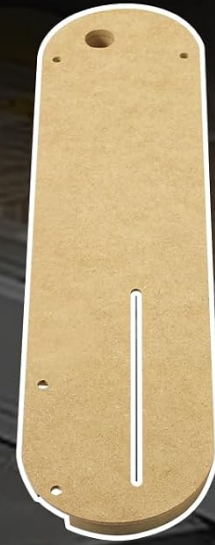


Figure 5.2: Proper technique for using the Dado Zero Gap Blade with the insert for precise cuts.

6. Maintenance

Proper maintenance will extend the life of your Dado Throat Plate Zero Clearance Insert:

- **Cleaning:** Regularly clean sawdust and debris from the insert and the table saw opening. Use a brush or vacuum.
- **Storage:** Store the insert in a dry environment. As it is made from MDF, prolonged exposure to moisture can cause swelling or warping.
- **Inspection:** Periodically inspect the insert for any signs of wear, damage, or deformation. Replace if significant wear is observed to maintain cut quality and safety.

7. Troubleshooting

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Insert does not fit or is too tight.	Slight manufacturing tolerance or variation in saw opening.	Lightly sand the edges of the insert using fine-grit sandpaper until a snug fit is achieved. Test frequently.
Increased tear-out after initial use.	Zero-clearance slot has widened due to repeated use or different blade widths.	Consider creating a new zero-clearance insert or using a different insert for different blade widths.
Insert appears warped or swollen.	Exposure to moisture or high humidity.	Ensure proper storage in a dry environment. If severely warped, replacement may be necessary.

8. Specifications

Attribute	Detail
Brand	RMSPO
Material	MDF (Medium-Density Fiberboard)
Color	MDF (Natural)
Item Weight	4.8 ounces (approx. 0.3 lbs)
Package Dimensions	16.85 x 4.21 x 0.59 inches
Compatible Saw Models	Delta 36-725, 36-5152, 36-5000, 36-5000T2
Included Components	Dado Throat Plate Zero Clearance Insert

9. Warranty and Support

For any questions, suggestions, or support needs regarding your RMSPO Dado Throat Plate Zero Clearance Insert, please feel free to contact us. We are committed to providing excellent customer service and will respond to your inquiries within 24 hours.

Please refer to your purchase documentation for specific warranty details, if applicable.

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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

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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