

VICUTI B0DJT52MVG

VICUTI 8-Inch Stacking Dado Blade Set User Manual

Model: B0DJT52MVG

1. INTRODUCTION

This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your VICUTI 8-inch Stacking Dado Blade Set. Please read these instructions thoroughly before installation and operation to ensure proper use and to prevent injury or damage.

The VICUTI dado blade set is designed for cutting precise dados, grooves, and rabbets in various woodworking materials. It consists of two outer blades and multiple inner chippers and shims, allowing for adjustable cut widths.

2. SAFETY INFORMATION

WARNING: Always follow proper safety protocols when operating power tools. Failure to do so can result in serious injury.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Ensure your table saw is unplugged before installing or removing any blades or accessories.
- Consult your table saw's manual for compatibility and specific setup instructions for dado blades.
- Never operate a damaged or dull blade. Inspect blades for damage before each use.
- Keep hands clear of the blade path. Use push sticks or push blocks when necessary.
- Ensure the workpiece is securely clamped or held against the fence.
- Do not force the cut. Allow the blade to cut at its own pace.
- Maintain a clean and well-lit work area.

3. PACKAGE CONTENTS

The VICUTI 8-inch Stacking Dado Blade Set includes the following components:

- 2 x 8-inch Outer Dado Blades (24-Tooth)

- 4 x 1/8-inch Chippers
- 1 x 1/16-inch Chipper
- Adjustable Shim Set (various thicknesses)



Image 3.1: Complete VICUTI 8-inch Stacking Dado Blade Set with all components in its storage case.

COMPREHENSIVE KIT



Image 3.2: Detailed view of the comprehensive kit, showing individual dado blades, chippers, and shims.

4. PRODUCT OVERVIEW

Each outer blade has an 8-inch diameter with 24 teeth and a 5/8-inch arbor hole, designed for a maximum RPM of 6000. The chippers and shims allow for precise adjustment of the dado width.

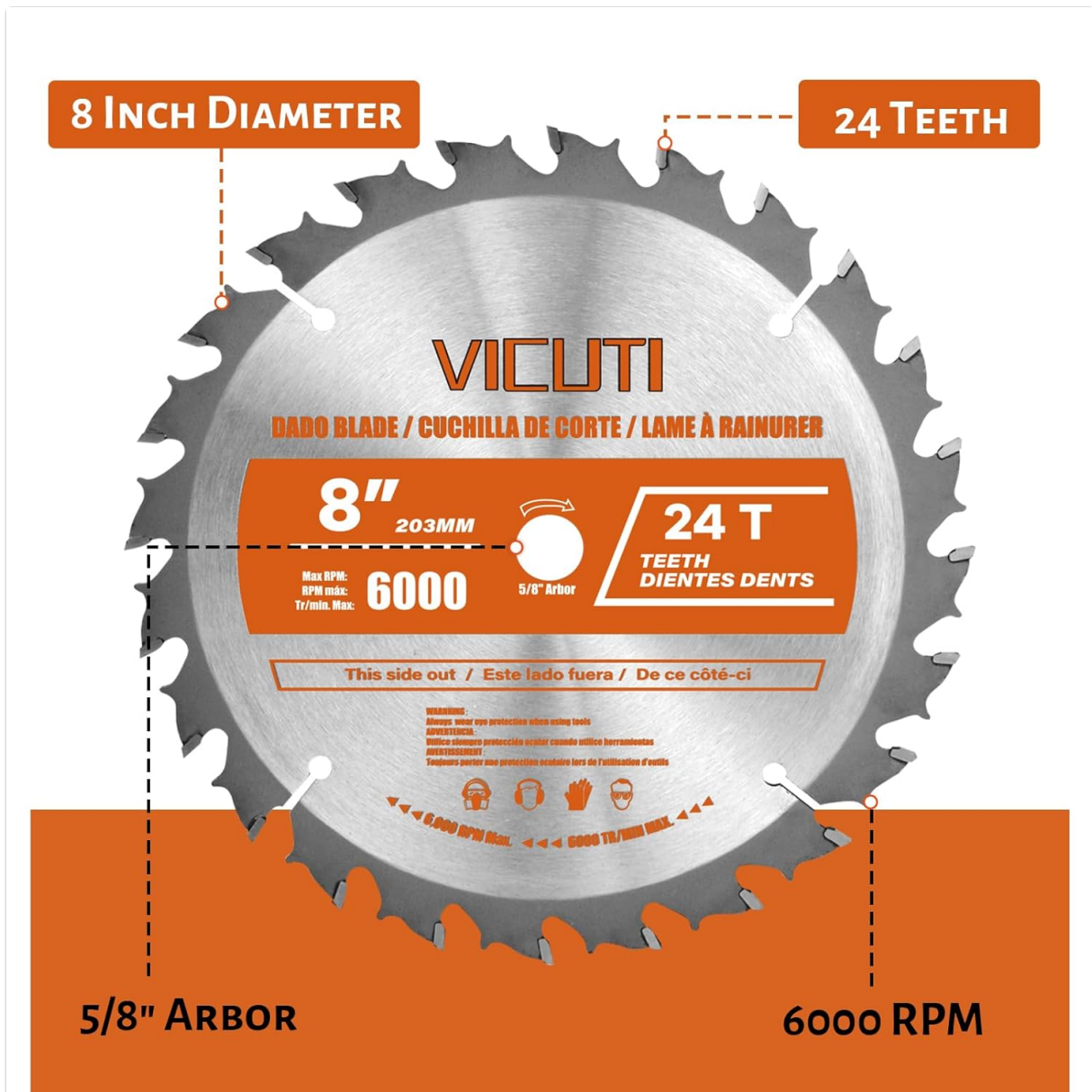


Image 4.1: Specifications of a single 8-inch dado blade, detailing its dimensions and operational limits.

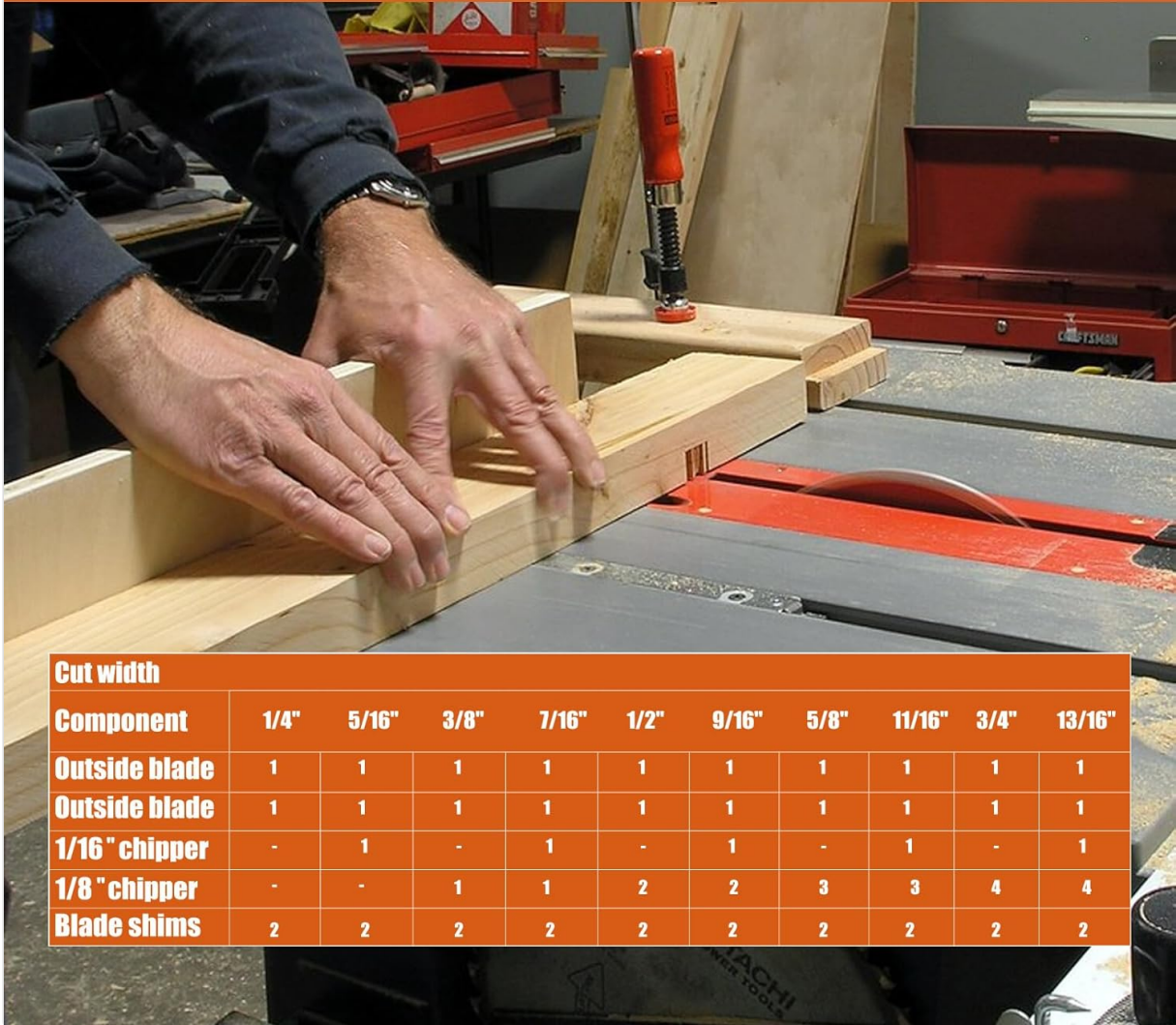
5. SETUP AND INSTALLATION

Proper installation of the dado blade set is crucial for safety and performance. Always refer to your table saw's manual for specific instructions regarding dado blade installation.

5.1 Determining Cut Width

The VICUTI dado blade set allows for cut widths ranging from 1/4" to 13/16". Use the following table to select the appropriate combination of outer blades, chippers, and shims for your desired dado width.

UNIVERSAL COMPATIBILITY



Cut width										
Component	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"
Outside blade	1	1	1	1	1	1	1	1	1	1
Outside blade	1	1	1	1	1	1	1	1	1	1
1/16" chipper	-	1	-	1	-	1	-	1	-	1
1/8" chipper	-	-	1	1	2	2	3	3	4	4
Blade shims	2	2	2	2	2	2	2	2	2	2

Image 5.1: Guide for selecting dado blade components to achieve specific cut widths.

Table 5.1: Dado Blade Configuration for Various Cut Widths

Cut Width	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"
Outside blade	1	1	1	1	1	1	1	1	1	1
Outside blade	1	1	1	1	1	1	1	1	1	1
1/16" chipper	-	1	-	1	-	1	-	1	-	1
1/8" chipper	-	-	1	1	2	2	3	3	4	4
Blade shims	2	2	2	2	2	2	2	2	2	2

5.2 Installation Steps

1. **Disconnect Power:** Ensure your table saw is unplugged from the power source.
2. **Remove Throat Plate:** Remove the standard throat plate from your table saw. A zero-clearance dado throat plate is recommended for optimal results and safety.
3. **Remove Standard Blade:** Carefully remove your standard saw blade and arbor nut.
4. **Assemble Dado Stack:** Based on your desired cut width (refer to Table 5.1), stack the components

onto the arbor. The sequence is typically: outer blade, chippers (with teeth facing opposite direction of outer blade teeth), shims (as needed), and then the second outer blade. Ensure all components are seated correctly and the teeth are properly aligned.

5. **Secure the Stack:** Reinstall the arbor nut and tighten it securely. Do not overtighten.
6. **Install Dado Throat Plate:** Replace the standard throat plate with a dado-specific throat plate. If using a zero-clearance insert, raise the dado stack slowly through the insert to create the kerf.
7. **Check for Clearance:** Manually rotate the blade stack to ensure there is no binding or contact with the table saw's arbor flange or throat plate.
8. **Reconnect Power:** Once installation is complete and checked, you may reconnect power to the table saw.

6. OPERATING INSTRUCTIONS

The VICUTI dado blade set is designed for precision cutting of dados, grooves, and rabbets. Always perform test cuts on scrap material to verify settings before cutting your final workpiece.

6.1 Making a Dado Cut

1. **Set Blade Height:** Adjust the blade height so that the dado stack cuts to the desired depth in your workpiece.
2. **Set Fence:** Position the rip fence to achieve the desired distance from the blade for your dado.
3. **Secure Workpiece:** Ensure the workpiece is held firmly against the table and the rip fence. Use featherboards or clamps if necessary for stability.
4. **Perform Cut:** Turn on the table saw and allow the blade to reach full speed. Slowly and steadily feed the workpiece through the dado blade, maintaining constant pressure against the fence and table. Use a push stick or push block to guide the material safely past the blade.
5. **Inspect Cut:** Turn off the saw and allow the blade to stop completely before inspecting the cut.

SUPERIOR DURABILITY



Image 6.1: Example of the dado blade in operation, creating a clean groove.

6.2 Applications and Precision

This dado blade set is suitable for a wide range of woodworking applications, including cabinetry, shelving, and joinery. Its design ensures clean and precise cuts, contributing to strong and seamless joints.

WIDE APPLICATIONS



Image 6.2: Examples of various dado cuts in different wood types, showcasing versatility.

DADO BLADE SET



Image 6.3: Detailed views of precision cuts and joint assembly using the dado blade set.

7. MAINTENANCE

- **Cleaning:** After each use, disconnect power and carefully clean the blades and chippers to remove resin and sawdust buildup. Use a blade cleaner specifically designed for saw blades.
- **Inspection:** Regularly inspect the carbide teeth for chips, cracks, or excessive wear. Replace damaged blades immediately.
- **Sharpening:** When blades become dull, have them professionally sharpened by a qualified service to maintain optimal cutting performance and safety.
- **Storage:** Store the dado blade set in its original protective case in a dry environment to prevent rust and damage.

8. TROUBLESHOOTING

Table 8.1: Common Issues and Solutions

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Rough or chipped cuts	Dull blades, incorrect feed rate, improper blade height, incorrect chipper/shim combination.	Sharpen or replace blades. Adjust feed rate. Verify blade height. Recheck chipper/shim configuration.
Blade binding or burning wood	Dull blades, slow feed rate, excessive depth of cut, improper alignment.	Sharpen or replace blades. Increase feed rate. Reduce depth of cut. Check table saw and fence alignment.
Dado width inconsistent	Improper chipper/shim selection, loose arbor nut, blade wobble.	Verify chipper/shim combination. Ensure arbor nut is securely tightened. Inspect blades for damage or warping.
Excessive vibration	Unbalanced blade stack, loose arbor nut, damaged blade.	Ensure components are correctly stacked and arbor nut is tight. Inspect blades for damage.

9. SPECIFICATIONS

Table 9.1: Product Specifications

Feature	Detail
Brand	VICUTI
Model	B0DJT52MVG
Blade Diameter	8 inches (203mm)
Number of Teeth (Outer Blades)	24T
Arbor Size	5/8 inches
Maximum RPM	6000 RPM
Material	Premium-grade Carbide (Alloy Steel)
Adjustable Cut Width Range	1/4" to 13/16"
Total Pieces	23 (2 outer blades, 5 chippers, adjustable shim set)
Item Weight	2.53 Kilograms (5.58 Pounds)
UPC	717205534833

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your VICUTI 8-inch Stacking Dado Blade Set, please refer to the documentation provided with your purchase or contact VICUTI customer service through their official channels. Keep your proof of purchase for warranty claims.

