

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

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ADMIRAL

STACKED DADO BLADE SET WITH CARBIDE TIPPED BLADES AND CHIPPERS



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Email our technical support at: productsupport@harborfreight.com

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When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.





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⚠ WARNING

**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.**

WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.



IMPORTANT SAFETY INSTRUCTIONS

WARNING

To prevent serious injury and amputation, read and follow all power tool instructions and all instructions included with this item.

Save all warnings and instructions for future reference.

1. Mount on tool designed for blade kind and size. Do not exceed maximum 6500 RPM rating.
2. Only cut materials listed on blade. Mount on tool designed for listed materials.
3. Disconnect tool power and read tool manual before installation.
4. Keep clear of blade and blade path.
5. Wear ANSI-approved safety goggles and NIOSH-approved respirator during use. Wear heavy-duty work gloves when handling blade.
6. Mount so arrows match blade rotation.
7. Use both outside blades at the same time. Do not use chipper blades without outside blades or with only one outside blade.
8. Inspect before every use; do not use if damaged.
9. Read instruction manual before use.
10. Place the power switch/trigger of the power tool in the off-position, unplug the tool from its electrical outlet and read tool manual before performing any set up procedures.
11. Keep set up area clean and well lit.
12. Keep bystanders out of the area during set up.
13. Do not set up when tired or when under the influence of alcohol, drugs or medication.
14. Keep all saw guards in place. Properly secure the workpiece.
15. Keep bystanders, children, and visitors away while operating the tool. Distractions are able to result in the loss of control of the tool.
16. Stay alert, watch what you are doing and use common sense when operating a power tool equipped with this Dado Blade Set. Do not use while tired or under the influence of drugs, alcohol or medication.
17. Dress properly. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
18. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



SAVE THESE INSTRUCTIONS.

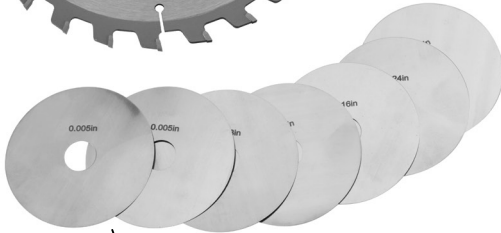
ADMIRAL[®]

Components

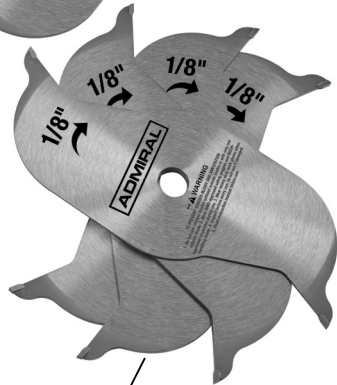
8"-24T Outside Blades



1/16"-2T Chipper Blade



Shims



1/8"-2T Chipper Blades

Blade Set Installation



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:

Make sure that the power switch/trigger of the power tool is in the off-position and unplug the tool from its electrical outlet before performing any procedure in this section.

Installing the Dado Blade Set

1. Unplug the saw's electrical cord and install the first Outside Blade on the arbor, noting the directional arrow and *This Side Out* indicator on the Blade to determine correct blade orientation and rotation.
2. Place one of the 0.024" Shims on the arbor against the Outside Blade. Add one or more Chipper Blades to reach the desired cutting width, noting the directional arrow on each Chipper Blade when installing. Various cutting widths and the specific combination of components required to achieve them are shown in Figure A.

Note: A 0.024" Shim must always be installed between an Outside Blade and Chipper Blade. When using the two Outside Blades alone, both 0.024" Shims must be installed between the Blades.

Important: The Chipper Blade's teeth must nest in the gullet space of the Outside Blade's teeth so that all the blade bodies rest flat against each other. When using more than one Chipper Blade, make sure the Chipper Blades are staggered at 90 degrees in relation to each other. Refer to Figure B.

3. Place the other 0.024" Shim against the last Chipper Blade and add the other Outside Blade, noting the directional arrow and *This Side Out* indicator on the Blade.
4. Tighten the stack set in place by installing and tightening the arbor shaft nut.

Caution: All arbor shaft nut threads must be fully engaged. There should be a minimum of 1/2" of arbor threads visible after tightening the nut in place.

COMPONENTS	CUTTING WIDTH									
	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"
8"-24T Outside Blade	1	1	1	1	1	1	1	1	1	1
1/16" Chipper Blade	—	1	—	1	—	1	—	1	—	1
1/8" Chipper Blade	—	—	1	1	2	2	3	3	4	4
8"-24T Outside Blade	1	1	1	1	1	1	1	1	1	1

Figure A

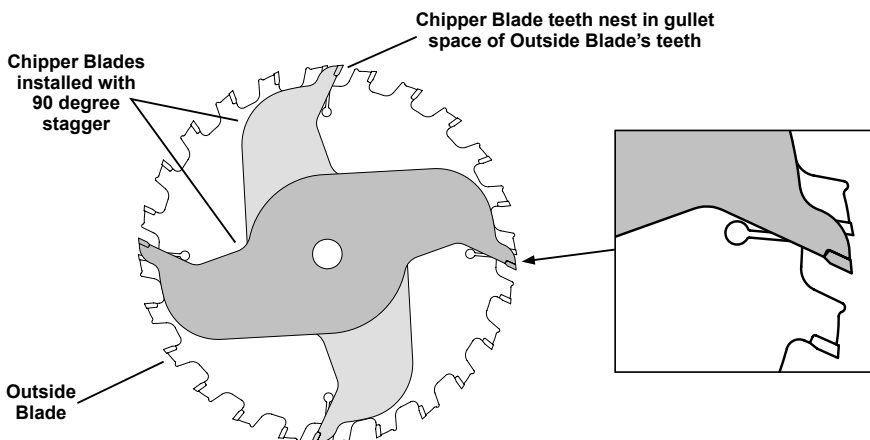


Figure B

Operating Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Workpiece and Work Area Set Up

1. Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. Route the power cord along a safe route to reach the work area without creating a tripping hazard or exposing the power cord to possible damage. The power cord must reach the work area with enough extra length to allow free movement while working.
3. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
4. There must not be hazardous objects, such as utility lines or foreign objects, nearby that will present a hazard while working.

General Operating Instructions

1. Follow the manufacturer's operating instructions and safety warnings applicable to your power tool.
2. Make sure that the power switch/trigger is in the off-position, then plug in the tool.
3. Make a test cut to test the actual width of the cut. If necessary, included Shims can be added between Outside Blades and Chipper Blades to alter the cutting width. Before breaking down the stack set to add Shims, unplug the power cord.
4. Refer to Figure A to determine what specific combination of components is required to achieve various cutting widths.



PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Parts List

Part	Description	Qty
1	Outside Blade 8"-24T	2
2	Chipper Blade 1/8"-2T	4
3	Chipper Blade 1/16"-2T	1
4	Shim 0.005"	2

Part	Description	Qty
5	Shim 0.008"	2
6	Shim 0.016"	1
7	Shim 0.024"	2

Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

