



8" Stacked Dado Pro

Instructions
Part # 2884
Version 1.0



The Fulton™ 8" Stacked Dado Pro set must be used with a table saw (contractor or cabinet style) or radial arm saw with at least a 1½ HP motor. This dado set must not be used with any other type of machine. Doing so will produce undesirable results and may cause serious injury. The machine that you are using must be stable and free of vibration. Your machine should have a minimal run-out tolerance of 0.003". You can check the run-out of your machine by using a standard or digital dial indicator. Please read and fully understand your tablesaw or radial arm saws instructions before proceeding.

Safety Tips

1. Always wear safety glasses, hearing protection and dress properly. No loose clothing, hair, draw strings or jewelry that might get caught in moving parts.
2. Keep work area clean. Messy work areas invite injuries.
3. Make deeper or larger cuts in multiple passes and NEVER use dull blades or chippers. Forcing a deep cut in one pass or using a dull blade or chipper can result in injury. Inspect chippers and blades for damage or chips in carbide.
4. Make sure Dado Blades are properly installed in your saw and do not exceed the recommended rpm.
5. Keep all safety guards in place.
6. Always unplug your tools before changing or adding chippers, or making adjustments to the dado blades.
7. This system is designed for use on tables saws and radial arm saws only, do not use with a miter saw, chop saw, portable circular saw, etc.
8. Follow all manufacturer safety guidelines provided with you table saw or radial arm saw.
9. Carbide is a brittle material that can easily chip or break if dropped or hitting hard materials like stones, staples, nails and so on. Be sure the material you are about to cut is free from foreign materials.
10. Use a Dado Blade Zero Clearance Insert to prevent any material from falling down into the motor well or possibly kicking back. Dado Blade Zero Clearance inserts can be purchased at most any major woodworking retail store.
11. Always double check the security of the dado blades prior to plugging your machine back in and cutting.

CAUTION:

Please read, understand, and follow all manufacturers instructions, guidelines and owners manuals that come with your power tools. Fulton™ Woodworking Tools & Accessories and its subsidiaries assume no liability for accidents or injuries caused by improper use of this product.

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Decide the width of slot

Before using the Fulton™ 8" Stacked Dado Pro, You must decide what width Dado, Rabbet, Slot or Groove you need. Once you have made your choice, refer to this chart for the amount of chippers you will need for a particular width cut. Please Note: *This chart is a guide, and it does NOT take into account any sharpening or reconditioning of the product. This chart also does not account for undersized plywood. Always make a test cut prior to making your final cut. You may also fine tune the width of your cut more with the dado shims that are provided.*

Dado Slot Width Chart

Dado Width	No. of 1/8" chippers	No. of 1/16" chippers	No. of 3/32" chippers	Dado Width	No. of 1/8" chippers	No. of 1/16" chippers	No. of 3/32" chippers
1/4"	0	0	0	19/32"	2	0	1
5/16"	0	1	0	5/8"	3	0	0
11/32"	0	0	1	21/32"	2	1	1
3/8"	1	0	0	11/16"	3	1	0
13/32"	0	1	1	23/32"	3	0	1
7/16"	1	1	0	3/4"	4	0	0
15/32"	1	0	1	25/32"	3	1	1
1/2"	2	0	0	13/16"	4	1	0
17/32"	1	1	1	27/32"	4	0	1
9/16"	2	1	0	29/32"	4	1	1

Instructions for Use

1. Unplug your table saw or radial arm saw.
2. If you are using a table saw, remove your factory insert. You will need a factory Zero Clearance Insert for dados. If you do not have a factory Zero Clearance insert for dados you can purchase a Zero Clearance Insert from most any woodworking supply store.
3. Remove the arbor nut, outer flange and your saw blade from the shaft of the saw.
4. Inspect the arbor shaft and well of your saw, making sure that is clean and clear of debris. Clean if needed.
5. Rotation of the dado blade and chippers must be going in the proper direction before installing.
6. Place your first outside dado blade onto the saw arbor, making sure the teeth are face in the correct direction.
7. Place as many chippers on next depending on the size you are going to cut (See Chart Above). Be sure the teeth on the Chippers are facing the proper direction.
8. Add the Second outside blade and the flange and secure with the arbor nut.
9. Before making the cut, double check that everything is secure on the arbor.
10. Place dado insert in saw and plug machine in.
11. Make a test cut. Check dimensions. Depending upon how tight you wish to have your joint, you may need to place a shim in between your chippers to adjust the exact desired thickness of your cut.
12. Make you final cut(s).

Caution: Be sure to offset or stagger each chipper so that the teeth do not touch. If the teeth touch during tightening, it will damage the carbide and may loosen the chippers during the cutting process and cause undesirable results.

Note: The arbor nut needs to be secured with a minimum of 4 threads. Depending on your saw and if you are cutting wider dados, you may need to leave the outer flange off in order to secure the dado properly.

The outside blades on this dado set are specially designed with a scored tooth (figure 1). This is done to prevent tear out on your cuts. This also means that the outside blades will cut a small score mark on the edges as shown in figure 2.

