

#87355 Dado Cutting System (for MicroLux[®] #80463 Tilt Arbor Table Saw) Instructions

Overview

The Dado Cutting System employs special tapered washers, which, when installed behind the saw blade, create a controlled “wobble” as the blade rotates, cutting a wide groove (called a dado) in a single pass. Another key component of the system is a special width (kerf) 80 tooth saw blade that is similar to, but not the same as, the standard blade included with the saw. Replacement dado blades are available when needed. See item #87355B at www.micromark.com.

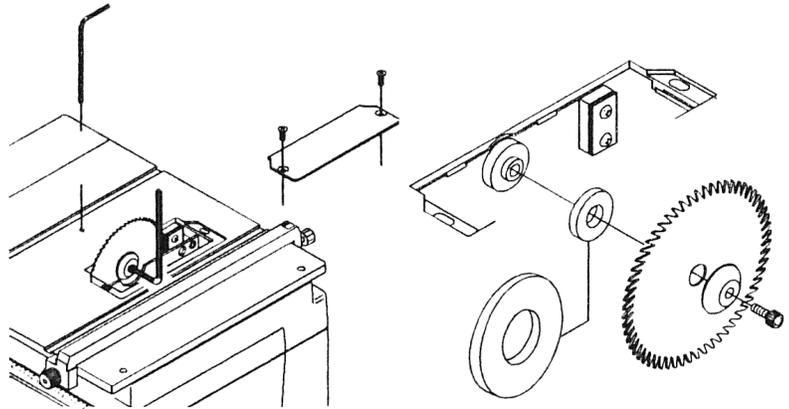
Identifying the Washer and Dado Width

Each dado washer is color-coded; the approximate cutting width of each is as follows: Blue = 3/64”; Green = 5/64”; Yellow = 7/64”; Red = 5/32”.

To install a dado washer, first remove the original blade guard that was included with your table saw; it will not be used with this system. Be sure to re-install the guard when standard cutting operations are resumed.

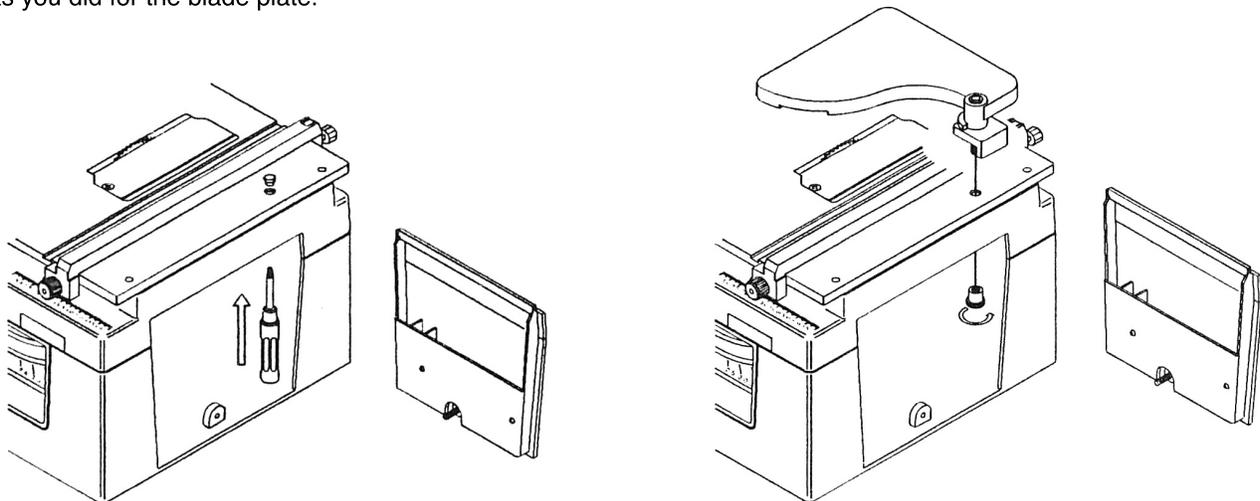
Next, following the instructions in the saw manual, remove the blade. Install the selected dado washer onto the arbor shaft, then install the special 80 tooth dado blade included with the dado cutting system. (See illustration at right.)

Re-install the blade plate and adjust it so it will remain clear of the blade through its full range of motion; test by carefully rotating the blade by hand.



Mounting the Safety Shield

Remove the right-side door on the saw. Remove the fence and miter gauge if they are on the table top. Note: There is a black plug on the right side of the table top near the edge. Using a medium-size Phillips screwdriver, punch, or similar tool, push upward as shown in the drawing to pop out this plug. This is where the safety shield bolt will be inserted and placed so that the L shaped bracket of the shield will wrap around the table top edge. Tighten the knurled nut onto the bolt. (See illustrations below.) When mounted, the shield height allows the blade to be raised to 5/8” while allowing the standard fence to slide under the shield and up against the blade. Remember, as the rotating blade wobbles, you must provide the same clearance for this action as you did for the blade plate.



General Information

The height of the blade can be adjusted for proper dado depth. Turn on the saw and feed the workpiece slowly and smoothly over the blade. Use a push stick to protect your hands. For deep dados, make several light passes, adjusting the blade depth with each pass until the desired dado depth is achieved.

Additionally, if required, the dado washers can be used to make even wider slots by employing our optional #80467 Accuriser Fence. The Accuriser allows the user to slide the movable guide away from, or closer to, the blade in thousandths of an inch increments. By re-running your workpiece through the blade, the dado channel is widened to the left or right as needed.