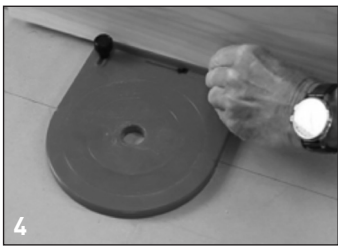
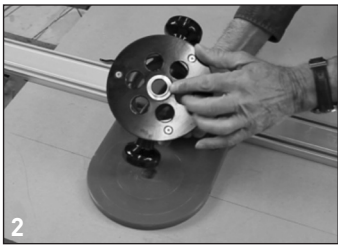
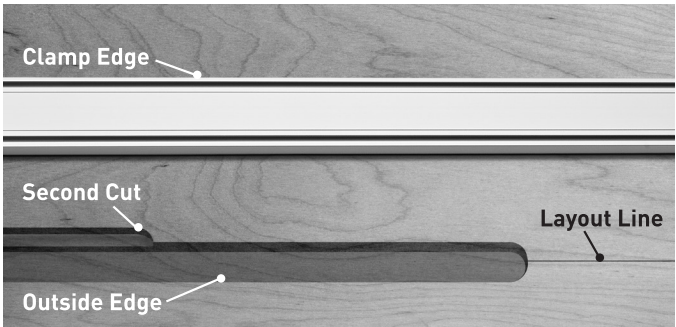


1. Loosen two screws at top of plate and adjust fence underneath plate until the plate slides easily on the clamp edge but there is no side-to-side play. The router plate should move freely along the clamp edge.
2. Install the router guide bushing into your router base.
3. Check fit of the guide bushing and the router base on Bora Plate.
4. Undo the two thumb knobs and adjust the opening to be a snug fit with the piece you are milling the dado or groove for.

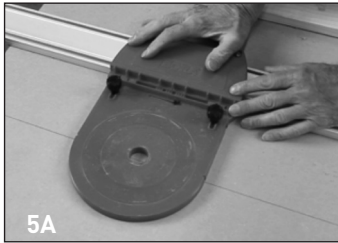


Tip! Using a standard bit ($\frac{1}{4}$ ", $\frac{3}{8}$ " or $\frac{1}{2}$ ") will result in dados and grooves that have a loose fit with plywood because plywood is made to metric standards and actually measures less than the stated inch sizes. While special bits for a snug fit with plywood are available, your Bora Router Plate will help make a solid fit for any thickness up to $\frac{3}{4}$ ". This feature is also handy with solid wood that is not a nominal size. To use this feature you need a bit that is at least half the width of the dado, groove or rabbet you wish to mill. (For a $\frac{5}{8}$ " panel a $\frac{3}{8}$ " bit would be perfect.)



5. Now adjust the small pointer to the size of the bit.

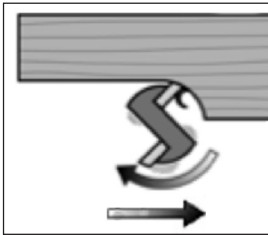
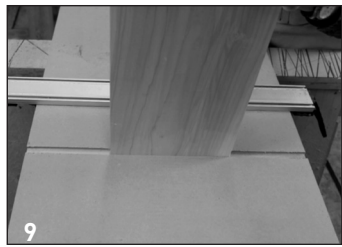
The plate has a notch at either side, which denotes the center of the router bit in the router. The notch should be positioned in the center of the cut – See Drawing 5A.



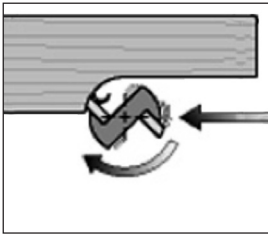
6. Make the first cut. It does not matter in which direction you rout the first cut.
7. Undo the two thumbscrews and move the base toward the track. Re-tighten the thumbscrews and remount the router on the plate.
8. Make the second cut. This time it is very important that you cut in the correct direction which is left to right in the photograph. The router bit is turning clockwise as you look down at it. It must be turning into the far edge in the photograph below. If you cut from the other side it would climb cut and propel the router across the piece with dangerous results. **DO NOT CLIMB CUT!**



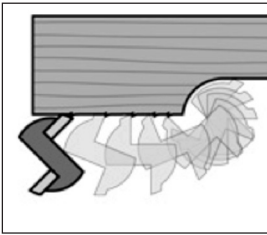
9. You are rewarded with a solid fit.



Conventional Cutting

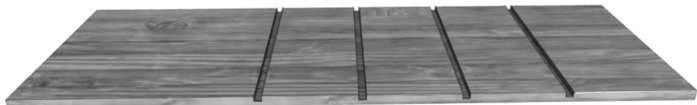


Climb Cutting

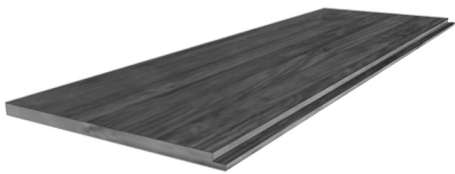


Router Bit "climbing" along workpiece

Glossary of Common Router Uses



A dado is a U shaped channel that goes across the grain.



A rabbet is a stair step on the edge, and can be thought of a as a groove or dado with one side open.



A groove goes with the grain.