Set bit height and fence depth
1. Set the initial router bit height by using a piece of your stock as a reference. Align the midpoint of the lock miter cut with the centerline of the workpiece. Your goal is to have A and B equal to each other. Fig. 1.

2. Set the approximate fence depth by visually aligning the fence with the point at which the stock will intersect with the bit's cutting edge. Fig. 1.

Make test cuts, then rout your workpieces
1. You will need to fine-tune the bit height and fence depth settings by making test cuts on scrap pieces that are the same thickness as your workpieces. Note: Use a push stick or push block for safe cutting.

2. Rout the first test piece with the inside face against the router table fence. Fig. 2.

3. Rout the second test piece with the inside face down against the router table. Fig. 3.

4. Adjust the bit height and/or fence depth as necessary until the joint aligns evenly. (See next page.)

5. Machine your project workpieces.

Warnings
• Use only in a table-mounted router at reduced RPMs.
• Do not bottom out bit in your router collet. Allow at least 1/8” gap.
• Keep hands clear of bit.
• Wear eye protection at all times.

Check Rockler.com for updates. If you have further questions, please contact our Technical Support Department at 1-800-260-9663 or support@rockler.com

For easier setups with bit 22627
Rockler offers a dedicated JIG IT setup block (53817) that makes it easier to set your router bit height. Made of durable HDPE, it is profiled for 3/4” material on one side and 5/8” material on the opposing side.
Common misalignment problems and how to fix them

If the edge of the miter on Part 1 overhangs the edge of Part 2, lower the bit slightly.

If there are flat spots at the miters and Part 1 doesn’t reach the corner, raise the bit slightly.

If the edge of the miter on Part 2 extends beyond the edge of Part 1, move the fence forward slightly.

If there are flat spots at the miters and Part 1 overhangs Part 2, move the fence back slightly.