



Whiteside Machine Company

Lock Miter Bits

Adjusting the 45° Lock Miter Bit

Step 1: Insert and properly tighten Lock Miter Bit in the collet of the router table. At least 1" to 1 ¼" of the shank must be in the collet for safe operation. Make sure router is set at 10,000 to 11,000 rpm.

Step 2: Elevate router up or down until the centerline of cutter aligns with centerline of stock (stock should be laid flat on table). The centerline of the cutter is the center of the small angle between the short near vertical points (see drawing below).

Step 3: Set fence back from leading edge of bit an equal distance to the stock thickness.

Step 4: Perform test cut to make sure bit is set up evenly. A good way to ensure that the cut is centered is to measure each 45 degree plane. If each 45 degree plane is the exact same length, then the cutter is properly centered.

Step 5: With stock cut to size, cut side A. (Material is cut vertically).

Step 6: With stock cut to size, cut side B. (Material is cut horizontally).

