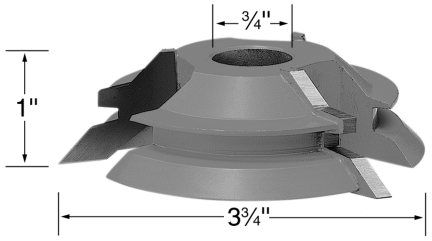
INSTRUCTIONS FOR C2125 CORNER LOCK MITER BIT

INTRODUCTION

The Model C2125 Corner Lock Miter Bit offers a convenient method for creating a tight-locking, easily glued 90° corner joint in materials ranging from 9/16" to 1" wide. The large cutting surface and cutter diameter require a moderate degree of power and control. We recommend using this cutter with a shaper rated at 1 horsepower or larger, particularly when used with hardwoods and thicker materials.



Miter Lock Bit

⚠WARNING

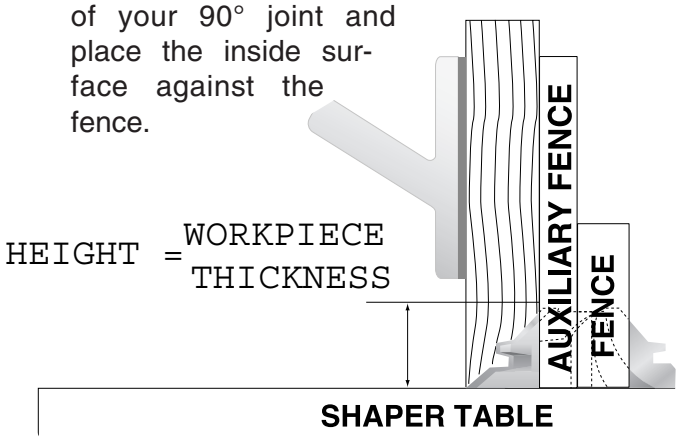
- **Failure to follow these guidelines will result in serious personal injury.**
- **ALWAYS WEAR ANSI APPROVED EYE AND EAR PROTECTION when using this bit.**
- **Never feed lumber with the rotation of the cutter.**
- **Follow the safety guidelines set forth by the manufacturer of the shaper.**

Note: These instructions and drawings are intended for explanation and clarification purposes only as they relate to this particular shaper cutter.

To make the vertical cut:

1. Adjust the cutter in the shaper until the center of the lock notches are roughly half the height of your material off the surface of the table.

2. Determine which side of your material you want on the inside and what you want on the outside of your 90° joint and place the inside surface against the fence.



⚠CAUTION

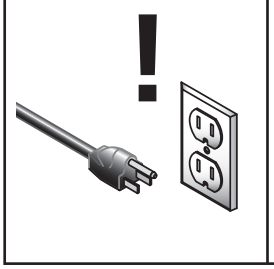
These shaper bits have sharp edges. Use care while removing the waxy protective coating. Never turn on the shaper with the protective coating still on the bit.

⚠WARNING

- **Unplug shaper before installing or adjusting cutter.**
- **Keep all guards and anti-kickback devices in place.**
- **Double check bit to insure it is tight and secure in router.**
- **Always inspect lumber and other wood materials for cracks, knots, or other imperfections that could cause lumber to kick or shatter while milling.**

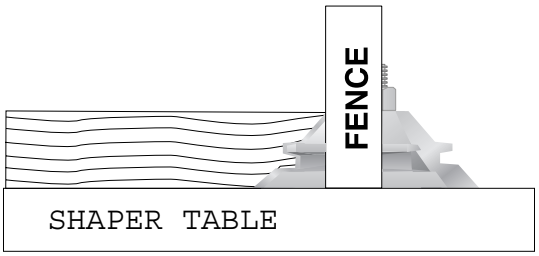
3. Adjust the fence so the highest exposed portion of the bit matches the thickness of the material you are cutting.

4. Use scrap lumber that is the same thickness as the workpiece to make a test cut.



⚠WARNING

Always disconnect power to the machine when setting up or making adjustments. Failure to do this may result in serious personal injury.



To make your side cuts:

1. Place another test board flat against the table and make another test cut, as shown in the figure to the right.

2. Place the two test board cuts together and adjust bit height and fence location until your test joints fit smoothly and precisely.

3. Once you are satisfied with your test results, make your cuts with your actual project materials.