

This plane fence does not limit you to right angles; it can be used to accurately and consistently plane any angle from 45° to 135°. The spring-loaded lever locks the angle setting and can be rotated out of the way after locking. The through-holes in the fence can be used to attach a wooden guide to the inside face of the fence.

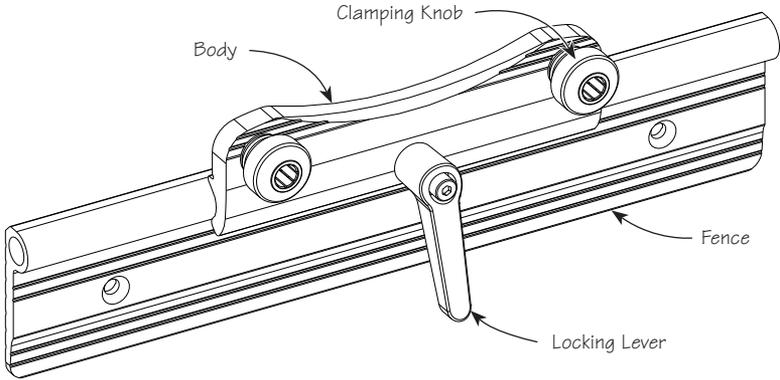


Figure 1: Variable-angle fence components.

Installation

Remove the existing fence from your rabbet plane, slide the variable-angle fence onto the rods, and then tighten the two clamping knobs.

Setting the Angle

The fence can be set for square or any angle through 45° to either side (45° through 135°). Loosen the locking lever and pivot the fence to the desired angle, using a square, miter or set-up piece as your guide, then tighten the locking lever. After setting the angle, you can rotate the locking lever out of the way, if necessary.

Note: What is important is the relationship of the blade to the fence, not the blade to the sole. You can fine tune the angle by setting the lateral adjustment of the blade.

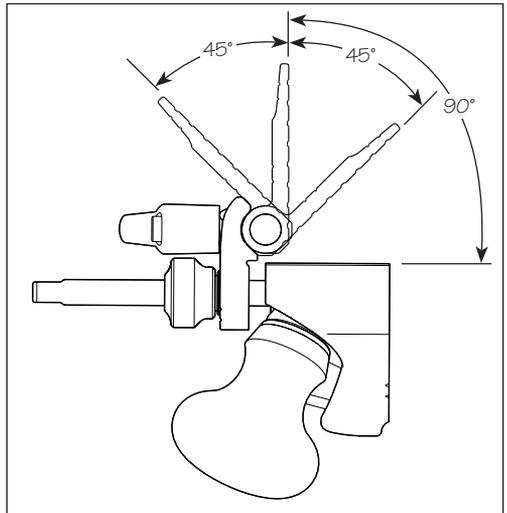


Figure 2: Setting the fence angle.

Instructions

It is important that the fence be held firmly against the face of the workpiece being planed in order to get accurate results. This ensures that the fence will govern the plane's orientation, not the sole. Press the fence firmly **against the workpiece** with your forward hand and push the plane with your other hand.

Angles less than 45°

For angles less than 45°, attach a bevelled piece of wood to the fence using #10 flat-head screws through the countersunk holes.

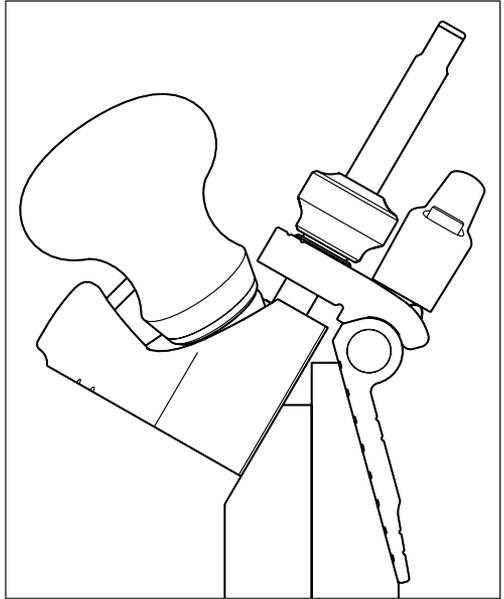


Figure 3: Attaching bevelled piece of wood to inside of fence to shoot angles less than 45°.