



crucible

Planing Stop

The Crucible Planing Stop is designed to be installed in a block of wood that is friction-fit into your benchtop. The block of wood moves up and down with mallet strikes.

A typical size for the movable block is 3" x 3" x 12", though smaller blocks will work. The block can be almost any hardwood or softwood.

Installation

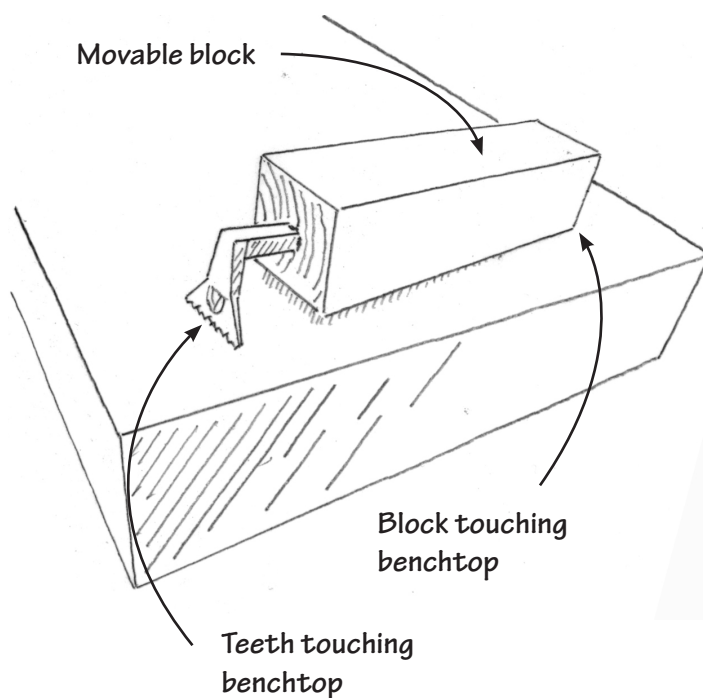
The stop fits into a 5/8"-diameter x 5"-deep hole bored into the end of the movable block. You can drill this hole with a typical 5/8" spade bit. Chuck the bit into a handheld drill or drill press and ensure that 5" of the bit protrudes from the chuck. Drill the hole and remove the waste.

Now drive the planing stop into the block with hammer taps. The stop will drop about 3-1/2" into the hole. Hammer taps will seat it. Before the first tap, make sure the stop's teeth are parallel to the front edge of the block. (See image at right.)

Use

The Crucible Planing Stop is made of ductile iron, so you can strike it with a wood or steel mallet. It will not shatter. The stop comes with its teeth ground so they are sharp enough to grip the work but are unlikely to cut you. Some woodworkers prefer sharper teeth. To sharpen the teeth, file the top or bottom of the teeth.

The planing stop will mark the end grain of your work. These marks are found on traditional work. If you prefer, you can plane them. Or muzzle the teeth of the planing stop with a scrap of wood.



How to getting the teeth parallel to the front edge of the block

