

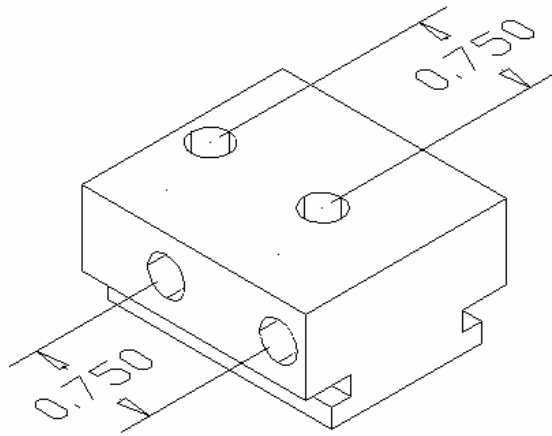
Fixture Blocks for the Ryobi BT3000

General Information

At µPreciis we understand that every woodworker has his or her own needs. No where is this more true than in the design of jigs and fixtures. For every woodworker, and every setup, the design of jigs and fixtures depends on the individual problems that need to be solved. That is why the µPreciis Fixture Block for the Ryobi BT3000 series and Craftsman 10" Stationary Table Saw (Sears Item #00922811000) allows a broad range of jigs and fixtures to be mounted to these saws. We have included a few ideas of our own, but we know that you will quickly come up with ideas of your own using the Fixture Block to bridge the gap between your creativity and your saw.

General Design

The Fixture Block locks into place via two nylon tipped set screws (1/4 – 20) which come already inserted in the vertical threads. Use a 1/8" allen wrench to tighten them. The Nylon tips are used so the aluminum extrusions used in the BT3000 are not damaged. The set screw holes are centered along the width of the block and spaced 3/4" apart.



The 1/4 - 20 mounting holes are placed 1/4" from the top of the block and are spaced 3/4" apart. When used on the top of the rip fence, these mounting holes are approximately 2.25" above the surface of the saw.

Possible Uses

Below are only a few of the ways the Fixture Block can be used.

1. Sacrificial Fence (See enclosed plans)

By mounting the Fixture Block to the top of the rip fence a sacrificial fence can be used during router table setup.

2. Dial indicator Mounting

The Fixture Block accepts any dial indicator post with a male 1/4-20 thread. Once a dial indicator is attached to the Fixture Block the assembly can be fixed to several locations on the saw.

One such place is the back of the crosscut fence on the sliding miter table. With a dial indicator mounted to the sliding miter table checking to make sure the sliding table moves parallel to the blade can be done with great accuracy.

3. Stop Blocks

Fixture blocks can be used both to mount stop blocks, or as stop blocks themselves. They can also be mounted to the bottom and interior of the side rails. This allows for Rip Fence stops to be put in. Now you can remove your rip fence, then re-install it in the exact same location it was taken from.

4. Feather Boards and Tall Fences

The simplest way to mount vertical feather boards using the Fixture Block is to make a tall fence (12" or greater) with the appropriate hole pattern (See Sacrificial Fence Plans for hole pattern). Now a feather board can be attached to the tall fence with your favorite method.

5. Long Fences

Not much explanation needed here. The Fixture Block can be used to mount long fences. These can be handy for ripping pieces with irregular edges or pieces that are, well, long.