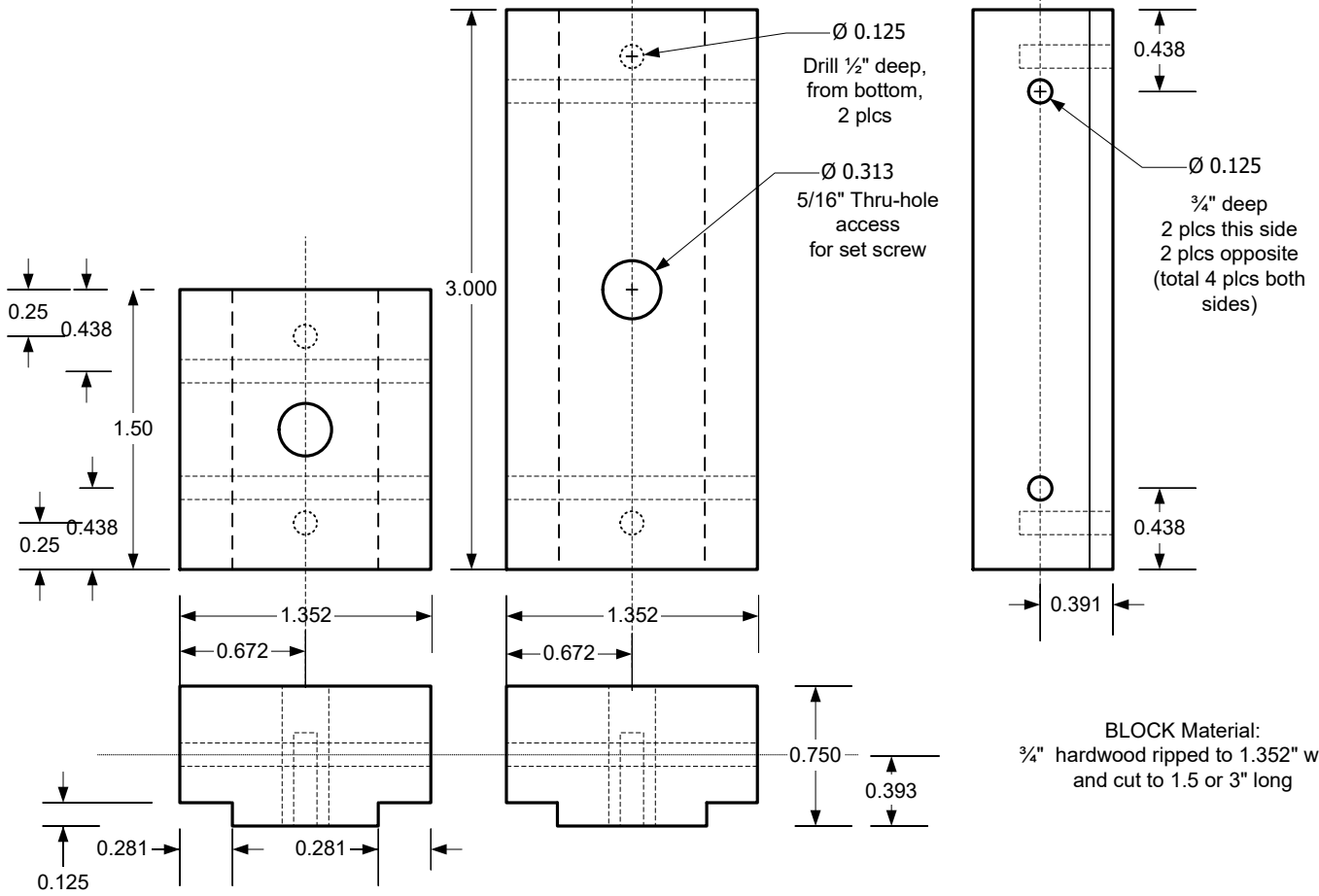


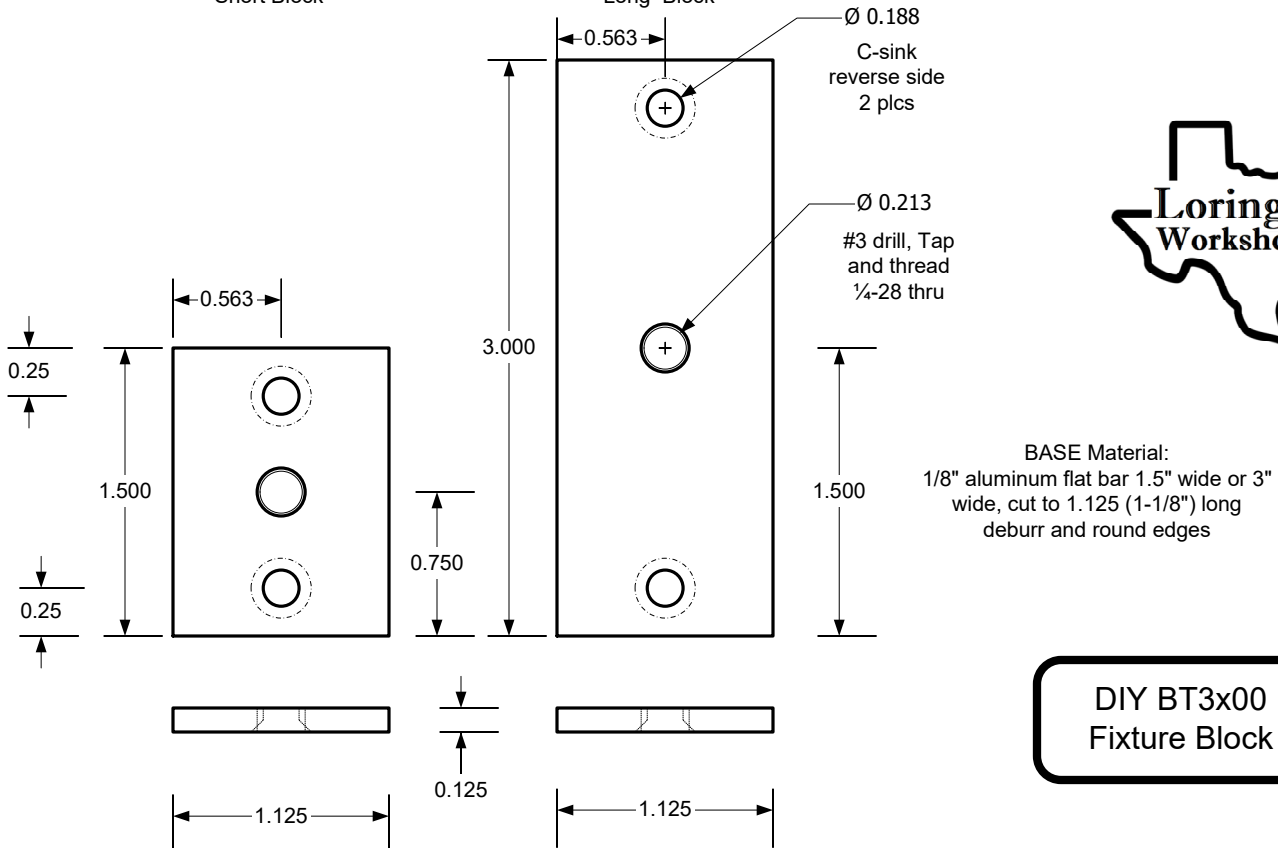
Short Block

Long Block



Short Block

Long Block

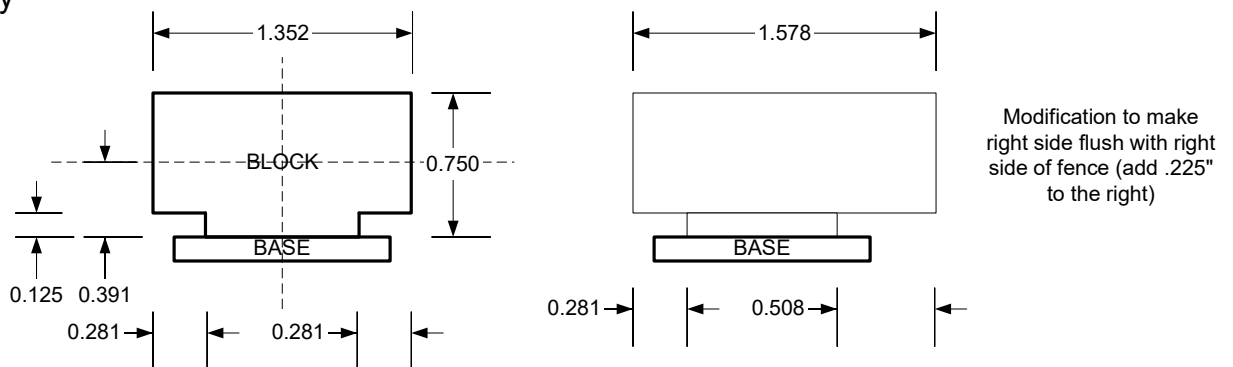


DIY BT3x00
Fixture Block

DIY BT3000 FIXTURE BLOCK for Rip/Miter Fence extrusion

1. This is intended to fit the top T-track on the Rip and miter fence (uses the same extrusion) on the Ryobi BT3x00 / Craftsman 22811 family of saws
2. You must make the Block and Bottom parts; you can make them 1.5" or 3 inches long or modify to any other length.
3. The left face of the fixture block is designed to be flush with the left side of the Rip fence. The mounting holes are 5/8" and 2-1/8" apart for the short and long blocks respectively. As drawn the right side will be recessed from the right side fence because the T-track is not centered. If you wish to make the Right side of the block also flush with the right side of the rip fence, you need to add 0.225" to the far right side of center of the block making it asymmetrical.
4. To complete the assembly you need two FH wood screws, #8 x5/8" to fasten the base to the block as show below. Then you need a 1/4-28 UNF set screw set into the base with the point down and the hex drive side accessible from the hole in the top of the block. Initially set the tip of the set screw so it is retracted behind the bottom. The set screw will be used to lock the fixture block to the fence. I choose the 1/4" set screw, UNF to have at least three threads engagement. You can also use 10-32 UNF or 8-32 UNC set screws if you prefer.
5. Attach auxiliary fences and other items to the 1/8" pilot holes in the side of the fixture block, using wood screws. The center line of the holes will be approx. 2.25" above the BT3x00 table surface. I recommend leaving about 1/16th inch so your auxiliary fence does not drag when moving the fence.
6. If desired, you can add mounting holes to the top of the block
7. All dimensions are in inches; generally holding 0.01" is sufficient.
8. to mount something like a tall fence to the BT3x00 rip fence, you will need at least 2 of these blocks.
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Assembly



Bill of Material

- 1 ea Block
- 1 ea Base
- 2 ea Wood screw, FH #8x 5/8"
- 1 ea Allen head Set screw, black oxide, 1/4-28 UNF x 1/4" long (see notes)