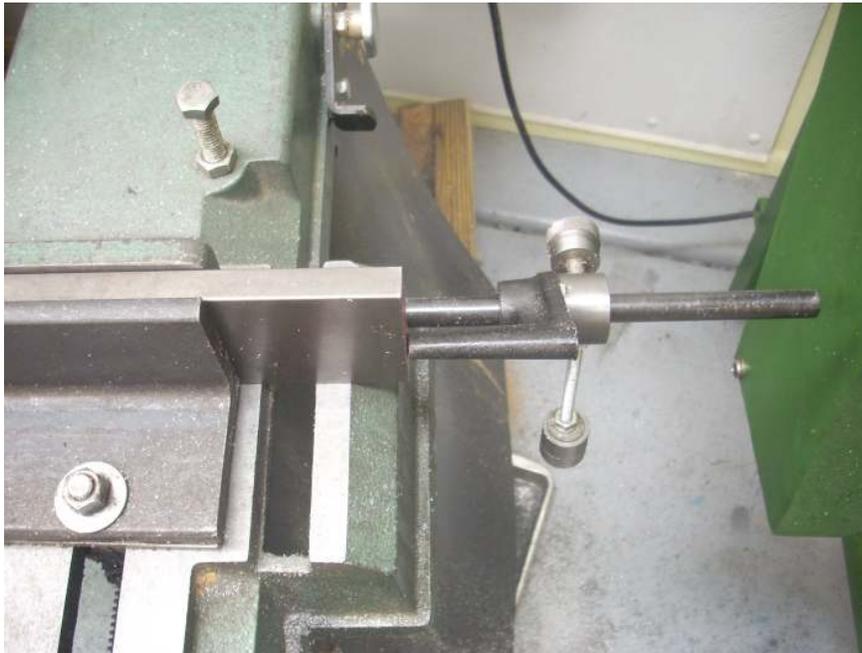


An Improved Horizontal/Vertical Bandsaw Stop

By R. G. Sparber

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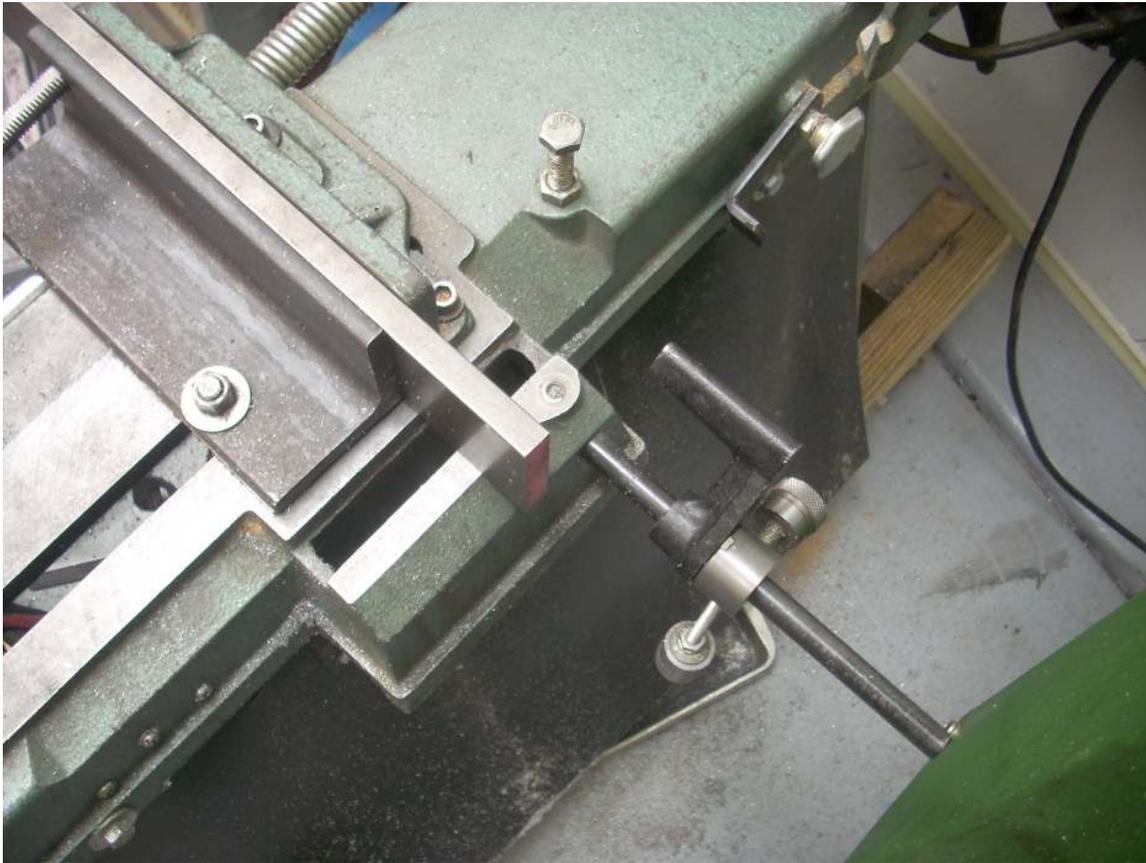


The whole point of having a stop is to provide a repeatable reference surface. But on a saw, there is another essential feature - the stop must be removed before cutting. Otherwise, the severed work piece can jam between the blade and the stop at the end of the sawing process. The original stop lost its position when rotated out of the way.

My previous method of dealing with this limitation was to put a block between the stop and the work piece to set the position and then remove the block before sawing.

Here is my solution to this minor annoyance. I kept the original stop but added a support for it.

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The original stop had a screw that locked it to the support bar. I removed it and added a weighted collar with its own screw. My screw is part of a knurled knob so no tool is needed. You can also see the weight hanging down from this collar. It encourages the collar to always be oriented such that the knob is in the same position. I got tired of finding the knob pointing straight down where it is hard to access. But there is one more feature that is only hinted at in this picture. Note that the original stop has been pushed aside yet it is not hanging down. It is stuck to my collar yet is easy to rotate when I push it around.



The trick is a milled slot in the side of the collar with a tiny neodymium magnet glued in place. This magnet is 1/16" x 1/4" x 1/4" and surprisingly strong. The stop can be held in any position within about 45° of vertical. Yet the magnet is not strong enough to collect swarf.

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