

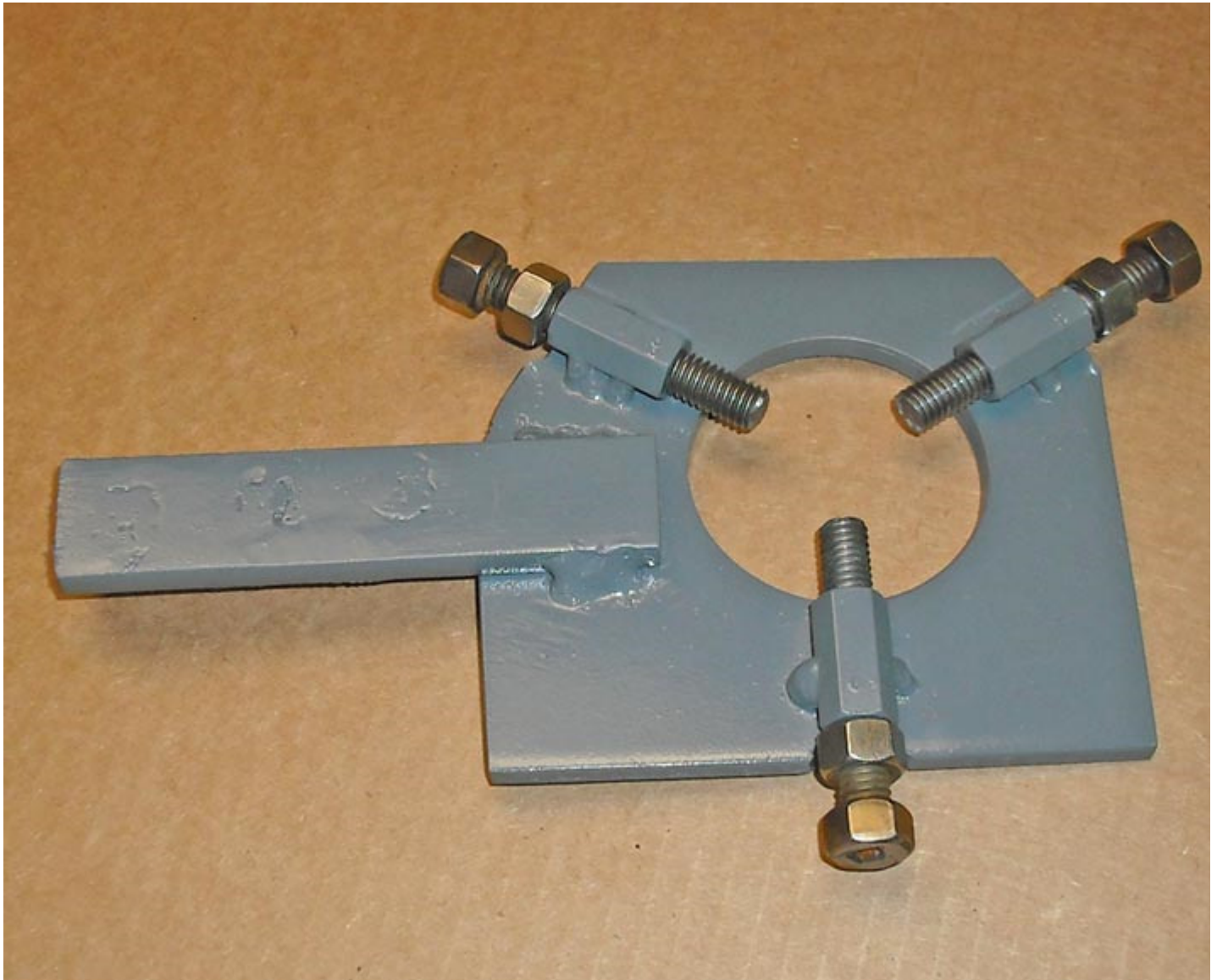
## A Mock Steady Rest

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May 24, 2009

To build my slip rolls I used 2" diam stock, 18" long. I needed to turn the ends down (between centers), but didn't want to turn the whole piece (it was chrome plated hydraulic cylinder rod). So I had to accurately center drill it. It was too big to pass through my spindle & I didn't have a steady. Neither the 3 or 4 jaw chuck would hold something that long & heavy accurately enough.

It occurred to me that I didn't really need a full-fledged steady, just one to hold it (steady) while it was center drilled. I.e., it didn't have to hold it against turning forces & I could use the tool holder. So I came up with this mock steady. "Mock" because it's not strong enough to turn with & uses the tool holder.

This was a (very) quick & (very) dirty project. I just wanted to make something that would work & get back to making slip rolls. It was quick & dirty and it shows: I used whatever was in the junk pile; cut, grind & weld it; hit it with a rattle can (no matter how ugly the welds are, they look OK painted).



The square piece is held in the tool holder:





On the lathe (lock down the cross slide):

