

### Steady Rest, 0-1", Mini Lathe, Ball Bearing

Part Number: 2418    Weight: 2.80 lb

(Purchased December 2024)



I replaced the three nuts with spring/split washers and wing nuts so that I could adjust the tension for positioning and lock the wheels in once they were adjusted to the workpiece without having to use a 9/16 inch wrench to tighten the nuts.

I also added three, 1/4 x 13/32 compression springs over the retaining/adjusting bolts so that the finger assemblies and ball bearings would retract from spring pressure rather than having to be pulled back when retracting the fingers.

I built an adapter plate from hard maple to mount and position the steady rest onto the bed of my JET 1221VS lathe. I also had to replace the clamping foot with a new, longer one. I made it using a surplus Clamp (JET Number JML-44), a piece of 3/8-16 threaded rod, a hex rod coupler, fender washers, some magnets and a couple of nuts and washers. The magnets are really not necessary, but having it magnetically stick to the underside of the ways during installation is pretty handy.

To facilitate tightening the assembly to the lathe, the hole through the bottom of the adapter plate was cut so that the hex rod coupler on the new, longer clamp would fit through it but would not rotate in it. This permits the assembly to be tightened to the lathe from above with a 9/16" inch combination wrench. (I also bought a 9/16" inch Ratcheting Combination Wrench. The ratcheting end makes the job much easier due to the limited space for the wrench to fit into).

Following are a series of snapshots that show the modifications described above.







