

# Ball Winder Adjustments - Page 1

## Wonky Ball Correction

If your ball winder starts making wonky (mis-shaped) balls, you need to adjust the way the O-ring contacts the conical shaft.



First, remove the steel collar on the end of the Spindle shaft. Unloosen the 2 screws in the Clamp Ring under the Spindle Arm (1/4 to 1/2 turn).



Lift the Spindle Arm together with the Spindle off of the unit. Make sure the Spindle spins freely.



Then set the Spindle Arm and Spindle back onto the unit while supporting the Spindle Arm with your top of your hand.



Do not allow the unit to slip down and tighten up. Hold it in place until you tighten the screws.

..... continued on other side, turn card over!

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Nancy's Knit Knacks 800-731-5648

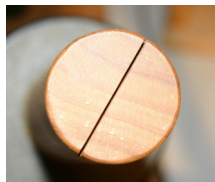
The O-ring should only **light-ly** touch the conical shaft. It should make contact between  $1/2$  and  $3/4$  of the way up the slope of the conical shaft.



Partially re-tighten the 2 screws under the Spindle Arm. Then turn the shaft by hand and make sure it turns easily. If not, repeat the entire process and re-test.



Turn the crank handle a few times and watch the slot on the top of spindle. It should slowly rotate to the right or left after turning the handle.



Then firmly tighten the Clamp Ring screws. Re-install the Collar onto the Spindle Shaft (do not jam it up too tightly under the Spindle Arm).



Spin Test - Spin the handle really fast and then let go. It should continue to turn 3-5 times. If not, the O-ring is too tight so repeat the process.