

Scotch Tension

This controls “draw in” and uses nylon monofilament fishing line of approximately 0.5 mm. diameter, which will give delicate control. If your yarn should not draw in properly when tension is applied check that it is not snagged on one of the guide hooks. Check the condition of the rubber band as these perish in time and need replacing.

Use a band small enough so that it does not touch the bobbin. If a heavier monofilament or rubber band is used the delicacy of control may be lost when spinning fine yarns.

When spinning very fine yarns a smear of *Vaseline* on the groove of the bobbin where the tension band fits will help the slippage.

For spinners not familiar with scotch tension, the principle is that the brake band holds the bobbin still so that the flyer winds the spun yarn onto the bobbin. The rubber band allows the braking action to slip, so that twist may be built up in the yarn before allowing it to be drawn into the orifice. When plying, reverse direction of scotch tension as shown here.



Spinning



Plying

With the orifice on the left.

With the orifice on the right.



Spinning



Plying

Lubrication

Use a thin oil such as *C.R.C.* or sewing machine oil.

Bearings in wheel and flyer head are pre-lubricated sealed bearings and need no attention.

Treadle Hinges - lubricate once a month or when they “complain”.

Pitman arm - ball connections to wheel and treadle - 2 drops of thin oil at every use. Excess movement can be taken up by tightening the screws to remove any play but not so tight as to restrict free movement.

Bobbins are reversible so they can still be used should one end get damaged. To change bobbins just treadle the wheel slowly so that the flyer shaft is revolving and slide the bobbin on or off. This will be easier than with a static shaft and will also avoid the risk of dislodging the nylon bushes inside the bobbin. Wipe shaft clean and smear with a little fresh *Vaseline* at every bobbin change.

The bobbin bushes are a very close tolerance fit, but should turn freely on the flyer shaft. For new bobbins the reamer supplied can be used to ease the fit or, in normal use, to clear any build-up of grease, fibre and dust that are an inevitable part of spinning.

The surfaces of your spinning wheel are finished with polyurethane and can be polished with oil or furniture wax. Or it can simply be wiped over with a damp cloth.