



BOBBINS

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PROPER PROCEDURE

- Insert 85-90% full bobbin into bobbin case and pull thread through slot and under tension spring.
- Pull end to test even-smooth tension. The weight of one small hemostat will not un-spool thread but 2 small hemostats will un-spool thread.
- Place bobbin case in machine and latch in place. Pin top thread against bed (don't pull) hand wheel machine forward, and bobbin thread should come up as the thread take-up arm goes to the top.
- Pull bobbin thread with fingers and check for smooth tensioned feed out.

PROBLEMS

1. Bobbin overfull: outer wraps of bobbin thread dragging on bobbin case – remove excess thread to 85-90% capacity.
2. No tension – the bobbin thread is not under bobbin tension spring or tension has been not set ahead of time. (2 hemostat rule)
3. Bobbin thread does not feed out at all – bobbin thread under bobbin case latch or caught in lower mechanism – clear.
4. No feed or uneven feed – bent or wrong bobbin or snarl – use good bobbin with fresh fill. NOTE: use same amount of tension on our bobbin winder as bobbin case feeds out.

Snarls come from winding bobbin without tension or when a backlash occur – sudden machine stoppage and bobbin still spins (inertia) in bobbin case – use anti-backlash bobbin case.

NOTE: All machines have a device that prevents bobbin holders from spinning.



Bobbin threading



Bobbin thread tensioning



Bobbin case indexing-vertical axis



Horizontal axis



Oscillating