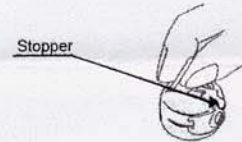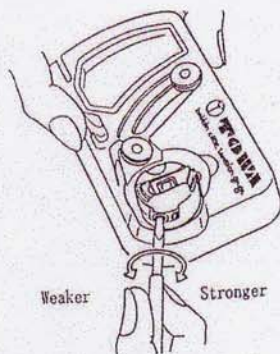1. Load bobbin into bobbin case
2. Load the loaded bobbin case into the bobbin tension gauge. Making certain the bobbin case latch is pointing up and the pig tail of the bobbin case is facing to the left, the stopper of the bobbin case should snap into the groove of the tension gauge.
3. Thread the bobbin case tension gauge following the arrows of the diagram. (arrow begins where thread is coming from the pigtail of the bobbin case.)
4. Once threaded through the path of the tension gauge, pull the bobbin thread in a slow and steady fashion.
5. You will observe the tension gauge's needle will move according to the amount of tension being placed on the bobbin thread.
6. Bobbin tension can range from 18 - 30 gf* depending upon the type of upper embroidery thread being used. We recommend the following tension parameters for the following types of embroidery threads:
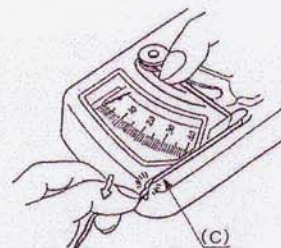
   Polyester: Maintain bobbin tension between 18 - 25 gf
   Rayon: Maintain bobbin tension between 15 - 20 gf

The lighter the bobbin tension is, the lighter your embroidery top tension will more than likely be. Hence, it is not unusual to have to decrease embroidery top tension when using lighter bobbin tensions.

Cutting of odd thread

Adjustment of thread tension

Note: As this device is a precise measuring apparatus carefully tested and adjusted, please do not drop, hit it against another body or disassemble it.

*gf = a measurement of the amount of tension being applied to the bobbin