

TOP THREAD TENSIONING

Proper thread tensioning is essential to achieving trouble free, quality embroidery. Most thread breaks are due to poor tensioning. Looping of the top thread or bobbin thread showing on top of your design are other indications of improper tensioning. Use the images to the left as a guide to achieving and maintaining proper tension.

Stitching out a simple satin stitch is the best way to see if your tension is correct.

1/3 of the bobbin thread should be seen running down the center with 1/3 of the top thread showing on either side.

Set your bobbin tension correctly prior to managing your top tension. A bobbin tension gauge can be most helpful.

- Bobbin - set between 180 and 220 grams
- Bobbin for Caps - set up to 250 grams



TOWA BOBBIN TENSION GAUGE "L" STYLE
Item #200-50

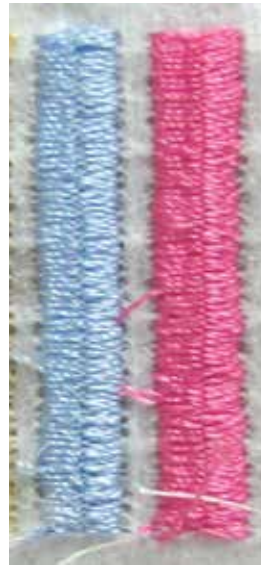
Using a top tension gauge is a great tool to use as a starting point.

- Rayon – set between 100 and 120 grams
- Polyester – set between 120 and 150 grams

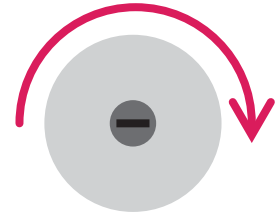
The settings for specialty threads vary for each type and should maintain the 1/3 bobbin thread showing on the bottom side.



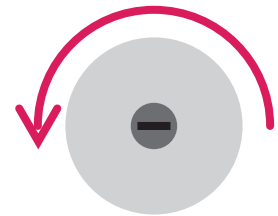
TAJIMA TOP TENSION GAUGE
Item #200-10



Top Tension is
Too Loose!



Top Tension is
Too Tight!



Just Right!

