



*Created by Harriet Carpanini, HQ TSE*

## ***HQ Club Project***

### ***~ Tension Sampler~***

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#### ***Description:***

Create this sampler with various tension problems for club participants to “troubleshoot”. Be creative and plan games or a contest to see how many quilters have the solution for each of the tension problems.

#### ***Materials:***

Project is 7” x 38” \*Use dark solid color for better visibility

Thread – use contrasting bobbin and top thread to emphasize the tension issues.

#### ***Instructions:***

Create this small tension sampler with the following tension problems. An answer sheet hand-out will tell quilters what each of the tension examples are and how to correct them. Can you think of any other examples?

1. Top tension is tight – pulls bobbin up to the top of the quilt
2. Bottom tension is tight – pulls top thread to the back of the quilt
3. Top tension is loose – show bad stitch quality and other issues
4. Bobbin tension is loose – show bad stitch quality and other issues
5. Bobbin thread is out of tension finger
6. Bobbin is in backwards – counter clockwise
7. Top thread is out of tension disks
8. Top thread is not around the tension spring
9. Top thread is not under the stirrup
10. Top thread is not in the take-up lever
11. Needle is in backwards – skipped stitches may be difficult to show. Better to demonstrate
12. Poorly wound bobbin – spongy and lose can cause variations in the tension as you quilt