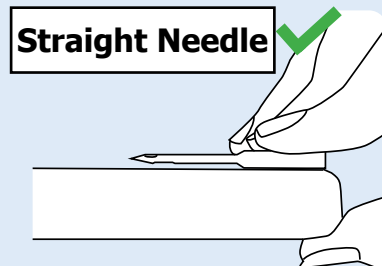
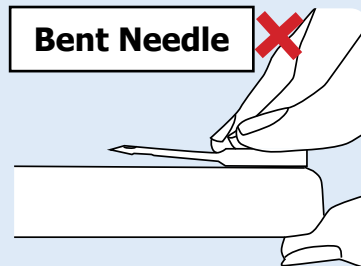


Troubleshooting Needle-Related Tension Issues

Broken, bent, or burred needles might break thread, damage fabric, or even damage the machine. Check that the needle is in good condition before starting a new project, and replace the needle after eight hours of use.



Needle Style: DPx5 MR, 134 MR, 1955 MR

Size: Thread Size and Type:

14/90 mono-filament, 100 wt. silk, 60 wt. polyester

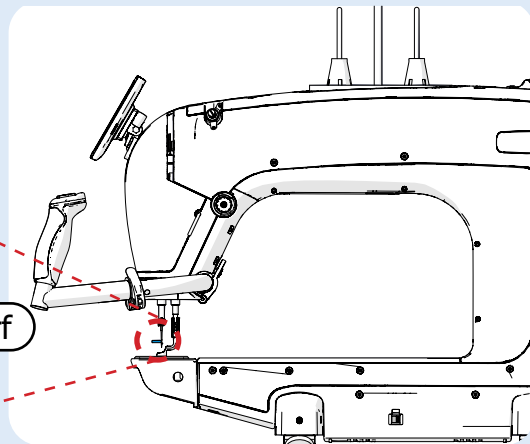
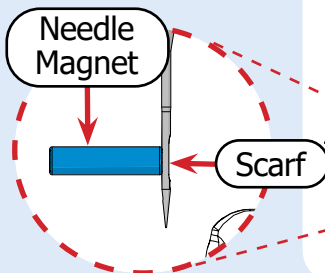
16/100 mono-filament, 60 wt., 50 wt. polyester or cotton thread

18/110 40 wt. cotton and polyester, 30 wt. cottons and polyester

20/125 any thread 30 wt. or heavier

Mismatching needle and thread size might cause tension issues.

Use the **needle magnet** to help you orient your needle. Place the needle magnet on the needle, on the opposite side of the **scarf**. Twist the top of the needle until the magnet is pointing straight out from the machine.



Thread Too Big for Your Needle?

Test: To test if your thread is thin enough for your needle:

1. Thread the needle with the thread you're testing.
2. Hold the thread horizontally with the needle dangling from the middle.
3. Swish the thread in circles until the needle spins.
4. Turn the thread vertically and wait for it to stop spinning.

Results:

- If the needle remains in the center, the thread is too thick. Use finer thread or a larger needle.
- If the needle drops toward your lower hand, the thread is not too thick.

