



Husqvarna Viking DESIGNER DIAMOND™ Gems of Wisdom



Threading Tips



Top Thread Tips:

1. Be sure the presser foot is up so the tension is not engaged.  Bring the thread from the spool behind the first large metal guide.
2. Follow the threading arrows to bring the thread over the “hump” towards the back, then down to lay it into the “lay in” thread tension disks. (Inside the machine you will see a large metal blade with a disk to the left of it.) Place the thread to the left of the blade between the disk and the blade. (It is not necessary to pull or seat the thread into the disks.) When you pull the thread with the presser foot up, there is no tension on the thread.
3. To check the threading into the tension disks, lower the presser foot  and pull the thread. There should be tension on the thread. (If there is no tension, raise the presser foot and thread into the tension disks again.)
4. With the presser foot down (tension engaged), continue to follow the threading arrows bringing the thread down the right groove and under the small “hump” and up the left groove. Bring thread along the right side of the take-up lever, over and into the take-up lever from right to left and down the left groove.
5. Place thread from the left into the guide above the needle.
6. Hold thread to the left and use the white lever to pull down the needle threader catching the thread under the large hook on the threader. A small hook goes through the needle eye. Place the thread under the small hook. Release the needle threader lever and the small hook pulls a loop of thread through the needle eye. Grasp the loop and pull the thread through the needle.



Thread Breakage:

If your thread is breaking during embroidery, try one of the following:

- Re-thread top and bobbin to be sure you are threaded correctly. Be sure the presser foot is up when threading tension disks. See Top Thread Tips.
- Insert a larger Inspira needle. Even if your fabric is medium weight, the build up of thread and or stabilizers, can create the need for a larger needle and possibly a topstitch needle with a larger eye and deeper groove down the front of the needle. A 90 topstitch is a good choice for most stitch-intensive embroidery.
- Some threads are designed to be run on commercial machines and need distance from the spool to the tension assembly. Place the spool on the Mega Spool Stand (#413108301).
- If the thread is very stiff and wiry, try wrapping it twice around the wire guide on the stand. It brings the thread off the spool from the top as on a commercial machine and keeps it from getting caught in the thread caps.



Sensor Q Foot

- If using a sticky type of stabilizer, use a Sensor Q Foot. The spring action of the Sensor Q Foot keeps the fabric taut on the needle plate as the stitch is being formed and prevents the threads from breaking.
- When stitching stitch-intensive designs, or THREAD VELVET™ designs, attach your Sensor Q Foot. It helps to keep the fabric firmly held in place and keeps the fabric from lifting with the needle as the stitches are being formed. Whenever using the Sensor Q Foot, be sure to go to the

Set Menu  and choose Free Motion Spring Action in the Sewing Settings  to set the Sensor System for the Sensor Q Foot.



New Eight Spool Thread Rack for Designer Diamond and Sapphires (#412481603):

This new product replaces #41248602. There are adapters so that this thread rack will fit machines in Categories 1, 6, 7 listed in the Accessory User's Guide. The Designer Diamond is in category #7. The adapters are not sold separately.