

## Challenge 2 – Raised Satin and Velvet Embroidery

Congratulations on completing the first challenge! We are thrilled to see the incredible creativity and skill you brought to the table. Now, it's time to move on to Challenge 2 of our Embroidery Software Challenge 2024.

The design you create for this challenge must be embroidered on a book cover like a Journal or a Bible cover. You can sew your own book cover, [see how here](#). Please make sure the fabric you use to create your Book cover is suitable for the type of embroidery.



### Raised Satin Embroidery Design

*Raised satin* stitches add dimension and texture to your embroidery projects, making your designs stand out with a professional and intricate look. This challenge will focus on utilizing raised satin stitches to create stunning and textured embroidery pieces.

Watch this informative video on [Raised Satin](#)

*Raised Satin* can be digitized manually or with Auto digitize.

For this exercise the following was used:

- **Artwork to Use** – Own choice
- **Digitise tool to use** – Closed object Tool/Auto Digitise/Block Digitise Tool
- **Fill Stitch to use** – Raised Satin Fill
- **Outline Stitch to use** – Raised Satin Outline



*Artwork*

Choose an art work design that will benefit from the added texture of raised satin stitches. This technique works well for elements that need to stand out, such as lettering, borders and specific design highlights.

## Creating the Raised Satin Effect

- 1. Layering Stitches:** To achieve the raised effect, you will need to create multiple layers of stitching. Here's how:
  - **Base Layer:** Digitize the first layer with a satin stitch at a lower density. This later serves as the foundation.
  - **Intermediate Layers:** Add one or more intermediate layers on top of the base layer. Each of these layers should also be satin stitches, but with increasing density. Offset each layer slightly off the previous one to build up the height.
  - **Top Layer:** The final layer should be a satin stitch at full density. This layer will provide the smooth, polished surface of the raised satin.
- 2. Fine-Tuning:**
  - **Underlay Stitches:** Add underlay to the first satin layer to stabilize the fabric and support the raised effect. A zigzag or double zigzag underlay works well for raised satin stitches.
  - **Pull Compensation:** Adjust pull compensation to account for fabric distortion and ensure that the satin stitches cover the intended area completely.
- 3. Testing and Editing:**
  - **Preview:** Use the slow redraw feature in your software to check the layers and overall effect of the raised satin stitches.
  - **Test Stitch:** Before finalizing your design, do a test stitch on a fabric similar to your final project. This allows you to see how the raised satin stitches look and make any necessary adjustments.
  - **Adjustments:** Based on your test stitch, go back and adjust stitch density, length, and spacing as needed. Fine-tuning these parameters will help you achieve the perfect raised satin effect.
- 4. Finalizing Your Design:**
  - **Save Your Work:** Once satisfied with your design, save your work in the appropriate format for your embroidery machine.
  - **Document Settings:** Keep a record of the settings used for future reference. This includes stitch densities, lengths, and any specific adjustments made.

By following these steps, you can effectively digitize raised satin stitches and add a beautiful, dimensional touch to your embroidery projects

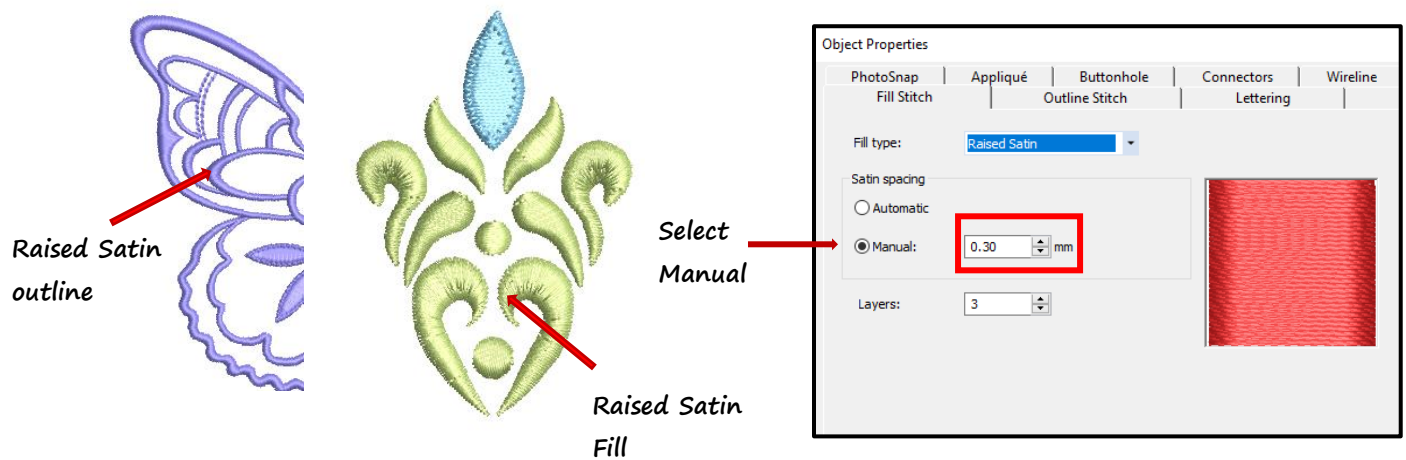
Create a **Raised Satin** design.

- **Insert** the Artwork.
- **Resize** the Artwork for its intended purpose.
- Select **Raised Satin Fill** from the stitch bar and digitize a closed shape.
- Select **Raised Satin Outline** from the outline stitch bar to digitize an outline.

*These basic steps  
have been created  
with V9 DesignerPlus  
software*

Double-click or right-click a satin fill object to adjust settings

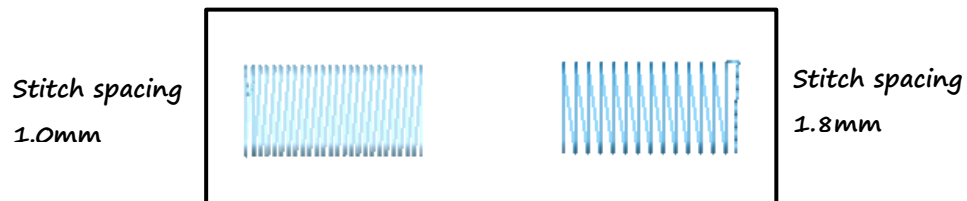
- Optionally, select the **Manual** option. The spacing field is activated.



- Adjust design properties – **Stitch Spacing 0.30 and Layers**

To increase stitch density, enter a smaller value.

For more open stitching, enter a larger value.



- To apply automatic spacing, select the **Automatic**, checkbox. Automatic spacing automatically adjusts the stitch spacing wherever a column changes width.



## Tufted Satin (Velvet embroidery)

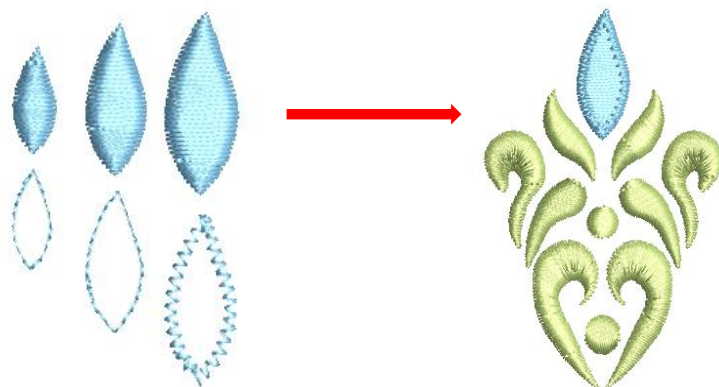
**Velvet embroidery** adds a touch of elegance and richness to any project. This challenge will focus on using velvet embroidery techniques to create sophisticated and textured designs that stand out with a plush, tactile quality.

Tufted satins are digitized by layering satin stitches from small to large with tackdowns to keep them from unravelling. After stitching the design, a craft knife is used to slightly slice through the layers of satin stitching, being careful not to cut the fabric.

It is better to slice lightly through the layers until you have achieved the desired look instead of trying to do it on one cut. The threads pop up giving you the velvety look and feel.

- **Digitise tool to use** – Closed object
- **Fill stitch to use** – Satin
- **Outline stitch to use** – Single outline

With the Closed object tool, digitize the object. Up to 3 layers of satin, layering from small to large with tackdowns (single outline stitch) after each layer and with a (zig zag outline) tackdown around the final satin layer .

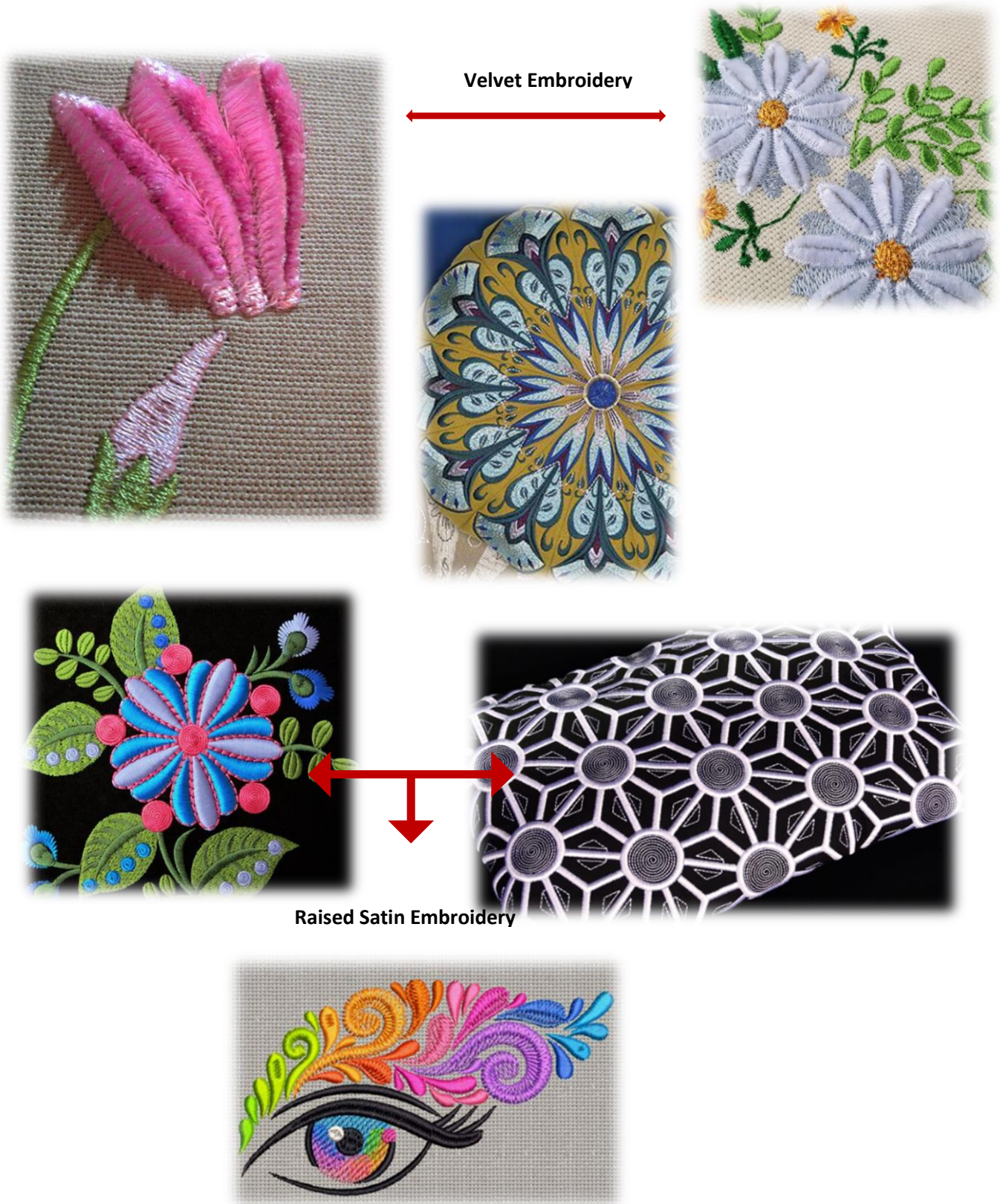


**Tufted Satin Properties:** The following properties must be taken into consideration when digitizing.

Satin Petals	Underlay edge Walk
Tackdowns (single outline stitch)	Length 1.50mm
Stitch	Spacing 1,5mm
Width	0.76mm

By following these steps, you can effectively digitize Tufted Satin (Velvet) embroidery and add a beautiful, dimensional touch to your projects. Practice and experimentation are key to mastering this technique, so don't hesitate to try different settings and approaches to see what works best for your designs. Happy stitching!

## Some Inspiration



Trust you have enjoyed this exercise and looking forward to your next challenge – **Create your own fabric.**

# Special Offer for Participants

We are happy to announce a special offer exclusively for participants of the Embroider For Fun Challenge for the Month of June. If you are interested please email Beryl Slabbert at [beryl@berninasa.com](mailto:beryl@berninasa.com)

## CREATOR Embroidery Software for all embroidery Enthusiasts

Creator V9

SRP R16 599 Vat Incl



## Magnetic Embroidery Hoops for bernette machines

Magnetic Embroidery Hoop Snap Hoop Monster.

bernette 70/79 embroidery Machines

The Snap Hoop Monster magnetic embroidery hoop is your strong helper when embroidery gets tricky.

SRP R4 249 Small Hoop

SRP R4 871.60 Med Hoop

SRP R5 882.49 Large Hoop

Small Hoop 100mm x100mm

Med Hoop 130mm x 180mm

Large Hoop 140mm x 260mm

[Tutorial – Magnetic Snap Hoop Monster](#)



## Clamp Hoops for BERNINA machines

**Small Clamp Hoop**  
SRP R4 556 Vat Incl



**Medium Clamp Hoop**  
SRP R4 834 Vat Incl

The BERNINA Small and Medium Clamp Hoop is the ideal embroidery hoop for quilters. The square shape perfectly accommodates square designs common for quilting. This saves both embroidery stabilizer and fabric compared to oval hoops.

BERNINA 5/7/8 Embroidery Machines

[Tutorial – BERNINA Small Clamp Hoop](#)

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