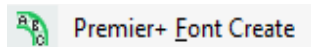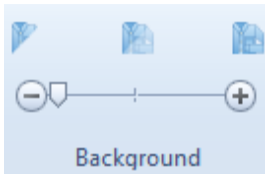# Premier+™ Embroidery Master Class Quarter 2 2016: Exploring Font Create

by Soni Grint

Use Premier+ Font Create to adjust existing fonts, create your own font and even create your own SuperDesigns.

Adjust an existing font for Puffy Foam

1.   Open **Premier+™ Embroidery Extra**.

2.   Quick Link to **Accessories / Premier+™ Font Create**.

   Premier+ **F**ont Create

3.   In the Create or Edit Font window choose **Create a new**, type Name as **Miami Foam 30-60 mm**, Joining Point at **Baseline**, Minimum Size = **30 mm**, Maximum Size = **60 mm**.

4.   Click **OK.**

5.   Go to the View tab and **hide the background image.**

6.   Ensure the grid size is **10 mm**.

7.   Go to the Home tab and click on **Insert Lettering**.

8.   Choose the Category **Retro**, Font **Miami 12 – 40 mm**.

9.   Click the upper case **A**.

10.   Click **Insert** then click **Cancel.**
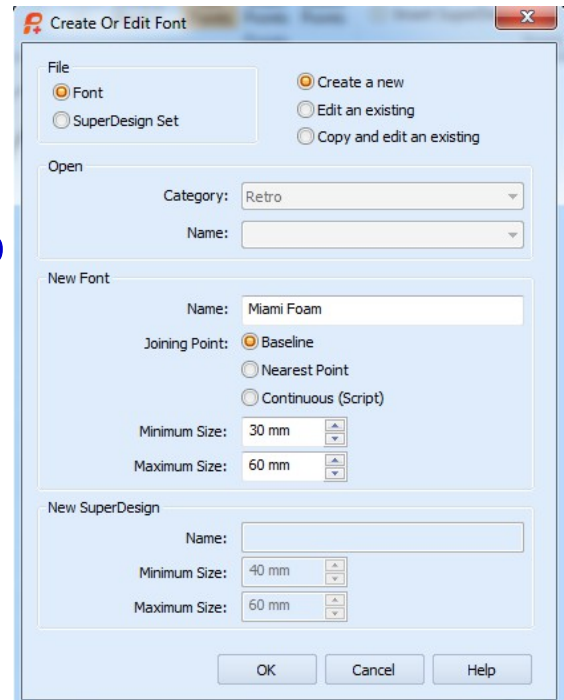
11. Move the letter **A** to the red baseline.

12. Change the size of the letter A until the width is **20 mm** and the height is **30 mm**.

Now let's change the font to make it a Puffy Foam font.

For a foam font, the stitching at the end of a satin stitch column must "cut" the puffy foam.
There are different ways to accomplish this.
- Turn the stitching so the foam is perforated.
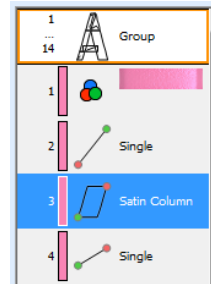- Add another row of stitching under the original to perforate the foam.

13. Go to the **View** tab.
- Notice the satin stitches at the bottom of the A.
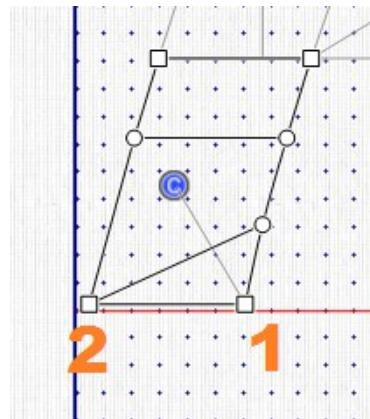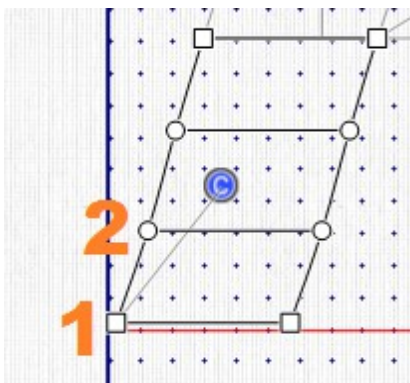
14. Click **Object View**.

15. In the Film strip, click the **3rd object** (satin column).

16. Right Click in the **work area** for the nodes to show on screen.

17. Move the **bottom left square node** (1) to the right, on top of the bottom right square node.

18. Hold the CTRL key on the keyboard and move the **left round node** (2) to replace the bottom square node.

19. Click the **2D View** and see how the satin has changed angle to perforate the foam.

20. Go back to **Object View**.

21. Click **object 14** in the Film Strip.

22. Click the **Home tab**.

23. Click **Insert Points**.

24. Click once between the **two bottom points** on the left side of the object.
   - Both points for a satin column are place automatically.
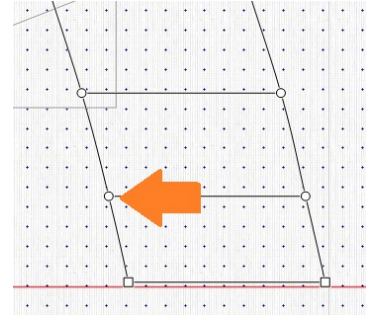
25. **Right Click** to end the tool.

26. Move the **right bottom square node** to the left, on top of the other square node.

27. Hold the CTRL key and move the **right round node** to replace the bottom square node.

28. Click **Design Player** to see how the A will be stitched.

29. Click **Play**. Click **Fast Forward** to speed the playback.
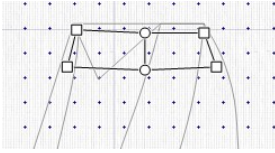
30. Click **Cancel**.

31. Click **object 9** in the Film Strip.

32. On the Precise Create tab, choose **Running Stitch**.
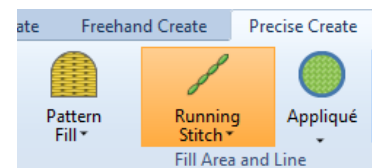
33. Click **Create Area or Line**.

34. Left click on the **Yellow / Blue star**.
    - Notice when you move the mouse over the star the pointer changes to a dash.
    - This means you are connecting with the previous object.

35. Continue clicking to the **top left part** of the letter A.

36. **Right click** to end the tool.
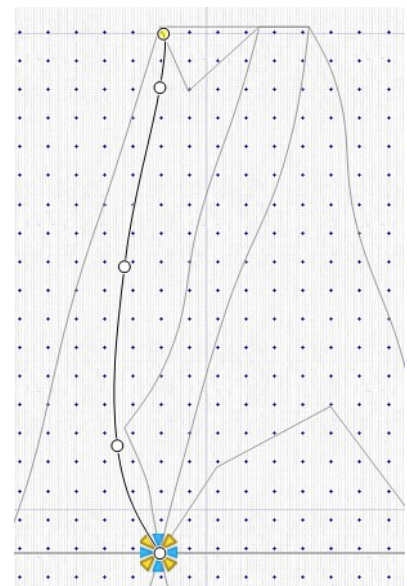
37.   Choose **Satin Column**.

38.   Left click, starting on the yellow star, to **create a satin column "cap"** that will cut the puffy foam.
- Left click back and forth to create the satin column.

39.   **Right click** to end the tool.

40.   Click on **object 12** in the Film Strip.
- There is a line between object 11 and 12 in the Film Strip.
- The line represents a jump stitch in the design.

41.   Move the **start point** of the line to the end of the satin column cap.
- Remember when the mouse turns to a dash, the objects will connect.

42.   Adjust the **other nodes** of the line so the movement is smooth.
- See that the line between the objects went away.

43.   Click the **Design Player** and play the design.

44.   Click **Save** in the Design Panel to save the letter A in your font.

45.   Click on the **upper case B** in the digitized characters area.

46.   Go to the **Home tab**.

47.   Click **Insert Lettering**.

48.   Choose the Category **Retro**, Font **Miami 12 – 40 mm**.

49.   Click the **upper case B.**

50.   Click **Insert** and then click **Cancel**.

51.   Move the letter **B** to the red baseline.

52.   Change the size of the letter B until the **width is 20 mm** and the **height is 30 mm**.
- Think about where to turn the stitching or add a cap.

53.   Click **object 10** in the Film Strip.

54.   Click Insert Points.

55.   Left click to place a new control line to the right of the bottom left part of the B.
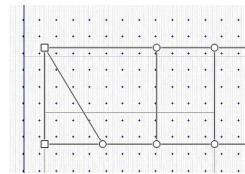
56.   Right click to end the tool.
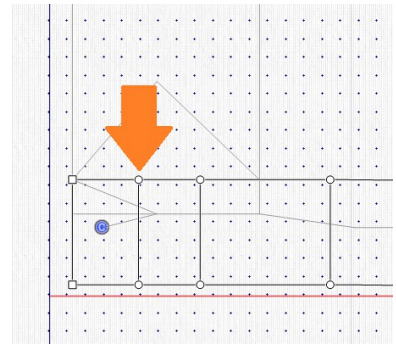
Move the points the same as the letter A.

57.   Move node 1 to the node just above.

58.   Move node 2 to replace the previous node. Hold the CTRL key to make a point (square node).
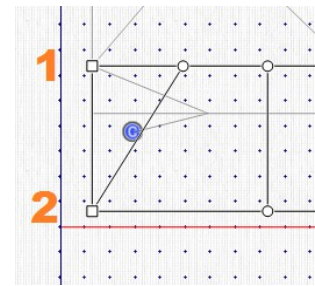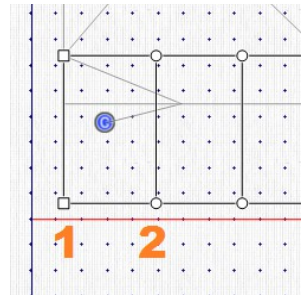
59.   Click on object 14 in the film strip.

60.   Adjust the nodes to create the angled stitches.
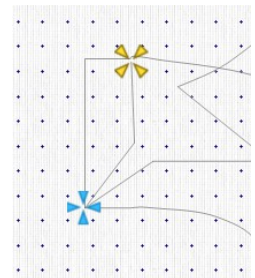
61.   Click on object 16 in the Film Strip.

62.   Go the the Precise Create tab.

63.   Click Single Stitch.

64.   Click two single stitches to move you to just inside and the top of the curve of the B.

65.   Click Satin Column.

66.   Add a Satin Column cap starting with the yellow star and ending with the blue star.

67.   Right click to end the tool.

68.   Click Design Player to see how the B will stitch.

69.   Click Save in the Design Panel to save the letter B.

70.   Continue with the other letters in the Alphabet.
   • If all letters are not needed, only create those that will be used.

71. Quick Link back to **Premier+™ Extra**.

72. Go to the **Letter tab**.

73. Scroll to **My Fonts** and choose **Miami Foam 30 – 60 mm**.

74. Type **AB** in the letter area.

75. Click **Apply**.
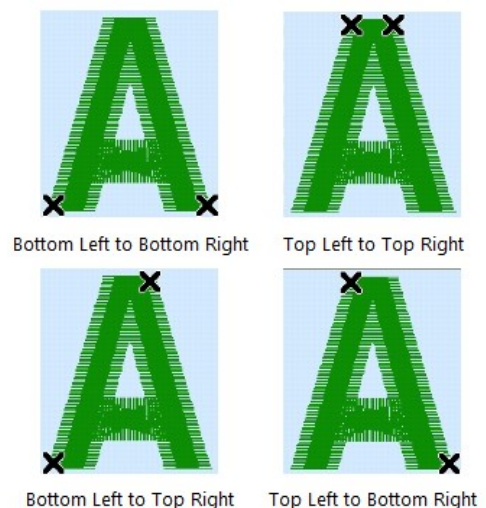   - The new letters now react like any other font within the Premier+™ program.

Adjust any font to your preferences

Create an Original Font

1. Quick Link back to **Premier+™ Font Create**.

2. In the Create or Edit Font Window choose **Create a new**, type name as **Master Class**, joining point at **Baseline**, Minimum size = **15 mm** and Maximum size = **30 mm**.

There are 3 joining point styles for fonts.
   - Baseline is the simplest style of font.
     - Choose Trim connection when using these fonts in Premier+ Embroidery.
     - Start a baseline font on the left and end on the right as close to the red baseline as possible.

   - Nearest point is a special type of font. Use these fonts to avoid the need to trim between letters.
     - Choose Running connection when using these fonts in Premier+ Embroidery.
     - Each letter in the font must be digitized 4 times with a different starting and stopping point.
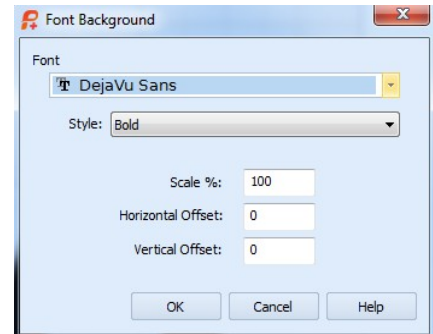   - Continuous fonts give a flowing effect for script fonts.

Bottom Left to Bottom Right   Top Left to Top Right

Bottom Left to Top Right   Top Left to Bottom Right

3. Click **OK.**

4. On the Design Panel, click **Font Background.** 🅰

5. Choose Font **DejaVu Sans**, Style **Bold,** Scale % = **100**.

6. Click **OK.**

7. Click **Move Guidelines.**

8. Click and drag **one guideline** to the top of the letter A.

9. Go to the View tab and change to **Object View.**

10. **Zoom in** as necessary.

11. Go to the **Precise Create** tab.

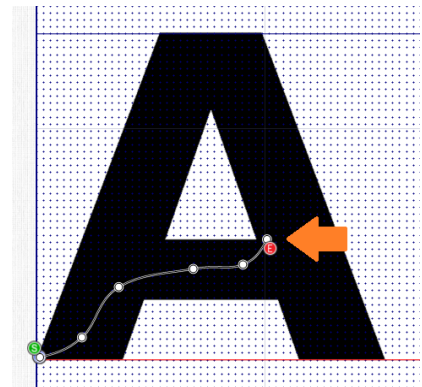Now decide how the font will look. Satin vs Fill. Feathered corners vs overlapped.

12. Choose **Running Stitch.**

13. Click **Create Area or Line.**

14. Click a **line** to the upper left part of the A cross.

15. **Right click twice** to end the tool.
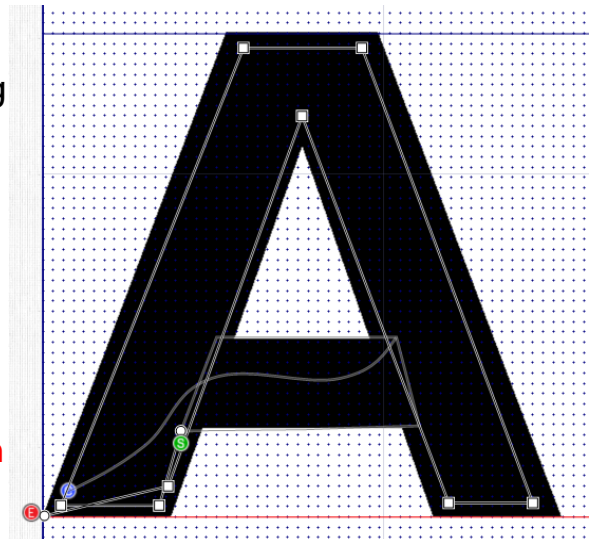
16. Click **Satin Column.**

17. Left click the **first point** of the satin column at the pink star.

18. Move the mouse just below the first and place **another point.**

19. Move the mouse to the **top center of the cross** and click.

20. Move to the **bottom center of the cross** and click.

21. Move to the **top left** and click.

22. Then to the **bottom left** and click.

23. **Right click twice** to end.

24. Adjust **points** as necessary.
    - Move the left and right points into the legs of the A.
    - This provides compensation so there will not be a gap between the cross and the legs.
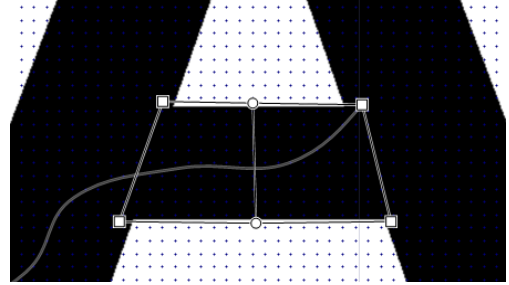
25. Click **Create Area or Line** (Ensure Running Stitch is active).

26. Left click, starting at the **pink star**, around the A just inside the image.
    - Hold the CTRL key to create a point.

27. End the points at the **bottom left part** of the left leg.
    - Edge walk underlay will keep the satin stitching flat and stop tunneling of the letter.

28. **Right click twice** to end the tool.

29. Choose **Satin Column**.

30. Starting at the **pink star** on the left leg, left click.

31. Move directly across the image from the **first point** and left click.
    - Hold the CRTL key to keep the satin straight on the edge.
    - The angle of the line created will be the angle of the stitch.

32. Move up the leg about half way and left click on the **left side** of the image.

33. Move across the image to the **right of the previous point** and left click.

34. At the top of the letter A, use **5 control lines** to create a nice feather at the point inside the A.
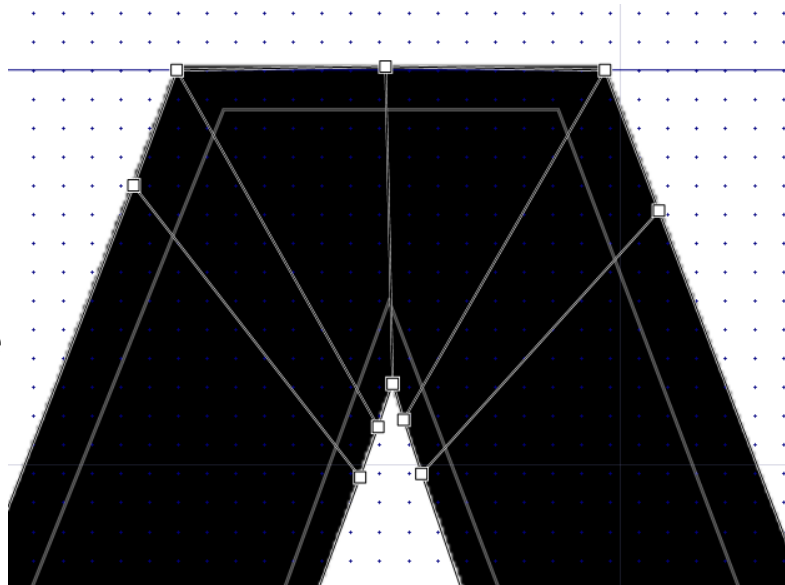   - Keep the points and lines even to make the satin even.

35. **Right click twice** to end the tool.

36. Click **Single Stitch**.

37. Click on the **bottom right** of the right leg of the A.
    - The stitch for the A now starts on the left and ends on the right.

38. Click **Life View** to see how your letter will look.

39. Click **Save the Current Font**.
    - The A is now a digitized character.

40. Click the letter **B** in the digitized character area.
    - The B image is now in the work area with the guidelines still in place.
    - The letter B will have the same look as the A.

41. On the Precise Create tab, ensure Running Stitch is active, and choose **Create Area or Line**.

42. Left click just inside of the **B** image to create Edge Walk underlay.
    - Start at the bottom left of the B.

43. Click **near the outside of the image** until you get to the cross in the B.

44. **Right click twice** to end the tool.

45. Click **Feathered Satin**.

46.   Add a small **feathered satin column** at the end of the B cross.

47.   **Right click twice** to end the tool.

48.   With the feathered satin column highlighted, right click and change density to **5**, feathered sides **both** and stitch length to **3 mm**.

49.   Click **OK**.

50.   Click **Create Area or Line**.

51.   Finish the underlay by starting at the **pink star** and left clicking to the **bottom of the letter B** just before the curve of the B.
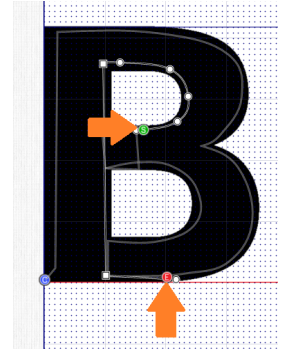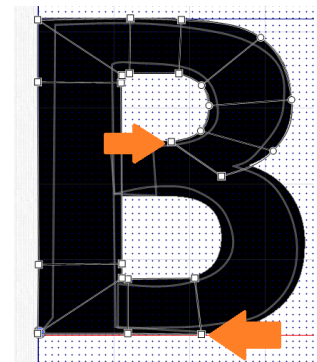
52.   Starting at the **pink star**, Single Stitch to the outside of the image.

53.   Choose **Satin Column**.

54.   Starting at the **pink star**, place points across the image ending around the top curve of the B.
        - Use **3 control lines** at each corner to make an even feather at each corner.
        - Hold the CTRL key when placing the control lines at the corner.

55.   **Right click twice** to end the tool.

56.   Click **Create Area or Line**.

57.   **Running stitch** to the bottom of the B cross.

58.   **Right click twice** to end the tool.

59.   Choose **Satin Column**.

60.   Starting with the **pink star**, left click across the image to finish the letter B.
   - When placing the points across the bottom curve of the B, ensure you are "covering up" the previous stitching so there will not be a gap.
        - At the end, overlap the points to make sure there is not a gap.

61. **Right click twice** to end the tool.

62. **Adjust points** as necessary to finish your letter.

63. Click **Life View** and see how your letter will stitch.

64. Click **Save the Current Font**.

Continue to digitize letters for the Font.

65. Go to the View tab and change the grid size to 5 mm.

66. To create a <u>space </u>for the font, click on the **upper left character** in the Digitized Characters area.
    - The width of the A will be the width of the space.
   - The height of the A will be the height of the space.
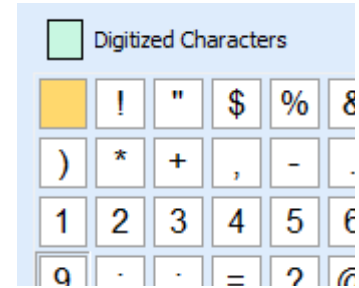
67. Click **Snap to Grid** on the Design Panel.

68. Click the **Navigation** tool on the Design Panel.

69. Click **5 mm** to the right on the baseline.

70. Click **15 mm** directly up from the first click (to the guideline)

71. Click **5 mm** to the right on the guideline.

72. Click **15 mm** down to the baseline.

73. Click **5 mm** to the right on the baseline.
    - 6 objects will create the space.
    - The object should look like a post.
    - By creating the space like this, the space distance in ensured to be consistent.
    - The actual navigation lines do not show color, orange was added so the post could be seen.
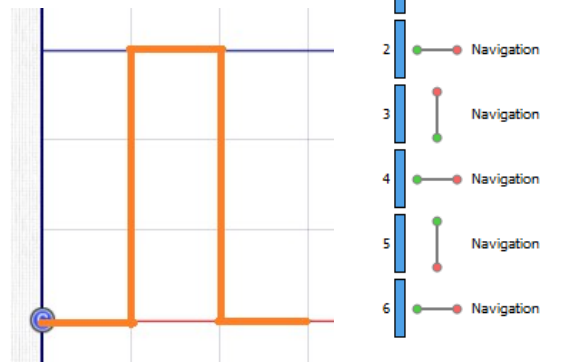
74. Click **Save.**
    - The navigation tool is movement and should be used for spaces.

Make your own fonts for any occasion.

Create a Super Design Set
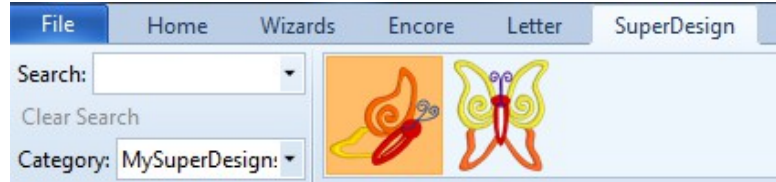
1.   Quick Link to **Premier+™ Create**.

2.   Choose **Load a Vector Picture as Objects into the Draw Window.**

3.   Click **Next**.

4.   Click **Load a Picture**.

5.   Load the **half butterfly** for this Master Class.

6.   Click **OK.**

7.   Click **Next.**

8.   Choose **Fit Design to Hoop** and Change Hoop to Hoop Group **Universal**, Hoop Size **100 mm x 100 mm**, Orientation **Natural** and click **OK**.

9.   Click **Finish**.

10.   Click the **Precise Create** tab.

11.   Right click the **color bar** in the Film Strip.

12.   Choose **Properties** and change the color to **Yellow**.

13.   Click **OK.**

14.   Click **Satin Column**.

15.   Starting where the bottom wing touches the body, **place points back and forth across the bottom wing** until the satin column touches the top wing.

16.   **Right Click twice** to end the tool.

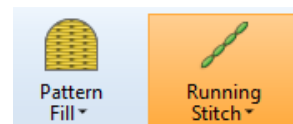17.   Ensure that **Object 2**, Satin Column, is highlighted.
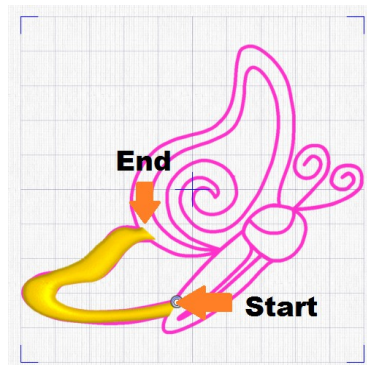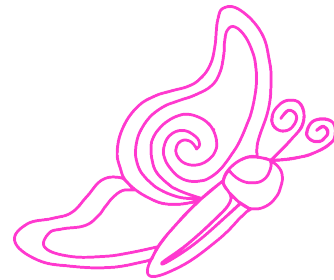
18. Click the **bottom of the Color Change icon**.

19. Choose the **Quick Color Orange**.

20. Click the **top of the Pattern Fill** icon to turn it off, click the **bottom of the Satin Line** to change to Running Stitch.

21. Click **Create Area or Line**.

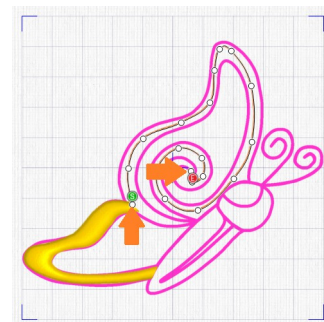22. Click around the **top wing ending at the inside curl** of the wing.

23. **Right click twice** to end the tool.

24. Click **Satin Column**.

25. Starting at the pink star, **click back and forth across the top wing**, ending at the body.
    - Cover the previous stitching from the bottom wing.
    - Adjust points after you finish the wing.
    - If needed go to the Home tab and Insert Points.

26. Click the **bottom of the Color Change** icon and choose **Red**.

27. Choose **Satin Column**.

28. Starting at the bottom of the body detail, click a **column back and forth across the detail to the top of the detail** just into the head.

29. **Right click twice** to end the tool.

30. Click **Single Stitch**.
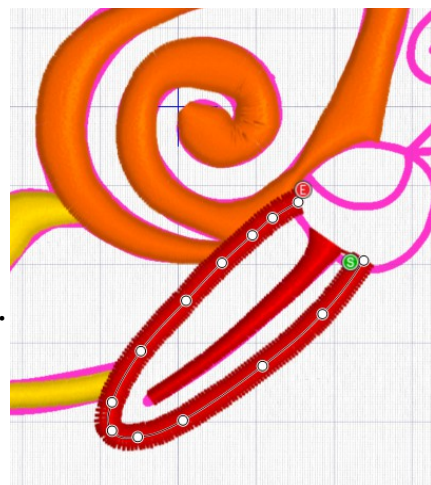
31. Click the **top right side of the body**.

32. Click the **bottom of the Running Stitch** icon and change to **Satin Line**.

33. Click **Create Area or Line**.

34. Starting with the **pink star,** click around the body.

35. **Right click twice** to end the tool.

36.   With the body highlighted, right click in the work area and change the satin line to **3 mm**. Click **OK**.

37.   Single Stitch to the **bottom of the head** of the butterfly.

38.   Click on the top of the **Pattern Fill** to select it and click on the top of the **Satin Line** to deselect it.

39.   Click **Create Area or Line**.

40.   Starting with the **pink star**, click around the head.

41.   **Right click twice** to end the tool.

42.   With the head highlighted, right click in the **work area** and change the fill pattern to **239**. Adjust the angle to **60**. Click **OK**.

43.   Adjust the **body and head points** as desired.

44.   With Object 11 highlighted (the head), click on the **bottom of the Color Change** icon and choose **dark blue**.

45.   Click on the top of **Pattern Fill** to deselect the fill and click on the bottom of the **Satin Line** and choose Triple Stitch to select it.

46.   Click **Create Area or Line**.

47.   Click a **line** to create an eye for the butterfly and continue up the front antenna.
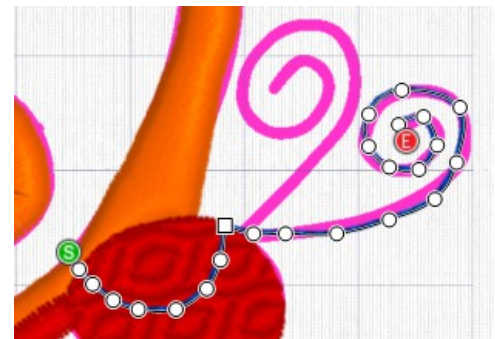
48.   **Right click twice** to end the tool.

49.   Click on the bottom of **Triple Stitch** and change to Running Stitch.

50.   Click **Create Area or Line**.

51.   Click **back down the front antenna** starting with the pink star.

52.   Continue clicking **the back antenna** to the tip.

53.   **Right Click twice** to end the tool.

54.   Click the bottom of the **Running Stitch** icon and change to Triple Stitch.

55.   Click **Create Area or Line**.

56.   Starting at the **pink sta**r, click back down the back antenna to the top of the head.

57.   Make **any adjustments** as necessary.

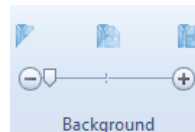58.   Go to **File** and **Save As Half Butterfly.edo**.

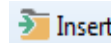59.   Quick Link to **Premier+™ Font Create**.

60.   Choose File as **SuperDesign Set**, **Create a New**, Name as **Master Butterflies** with Minimum Size = **50 mm**, Maximum Size = **100 mm**.

61.   Click **OK**.

62.   Go to the **View** tab and adjust the Background to **minimum**.

63.   Click on the **Home** tab and click **Insert**.

64.   Click on **Half Butterfly.edo**.
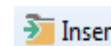
65.   Move the **bottom of the butterfly** to the baseline.

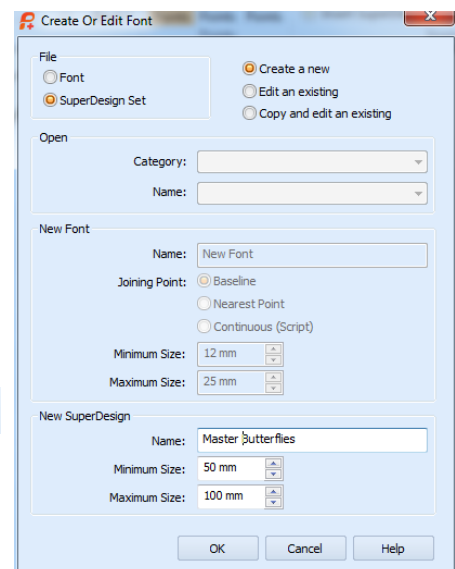66.   On the **Font** page, click **Save**.

67.   Click on the **next square** in the Digitized Characters area.

68.   Click on the **Home** tab and click **Insert**.
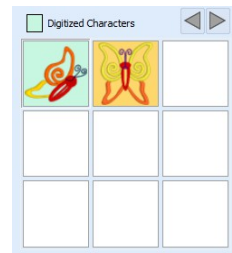
69.   Click on **Butterfly.edo**.

70.   Move the **butterfly** to the baseline.
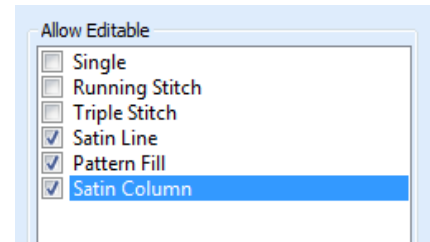
71. Click on **Universal Properties.**
    - The first page allows change in all the objects and colors in the whole Super Design set.

72. Click **Next**.

73. Under Allow Editable, place a check next to **Satin Line, Pattern Fill** and **Satin Column**.
    - This allows the end user to change these objects after a SuperDesign is chosen in Premier+ Embroidery.
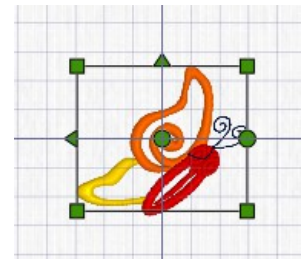
74. Click **Finish**.

75. Click **Save**.

76. Quick Link back to **Premier+™ Embroidery.**

77. Go to the **SuperDesign** tab.

78. Click on **My SuperDesigns** and find **Master Butterflies**.
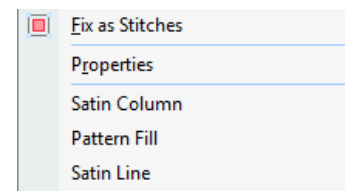
79. Choose the **half butterfly** and click **Apply.**
    - Ensure the half butterfly is selected.

80. **Right click.**
    - Notice there are choices to change the Satin Line, Pattern Fill and Satin Column.

81. Left Click to **close the pop up window**.

Have fun creating your own SuperDesign sets.