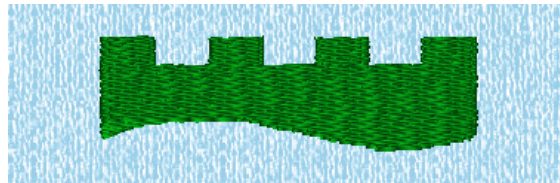

Fill Angles

Angle

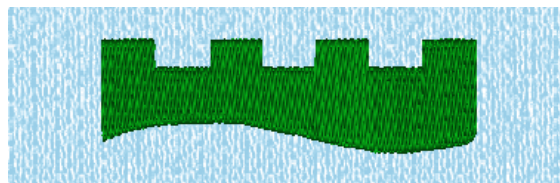
0°



45°



90°



135°



Pattern Fill areas created with Pattern 2 and Density 3.

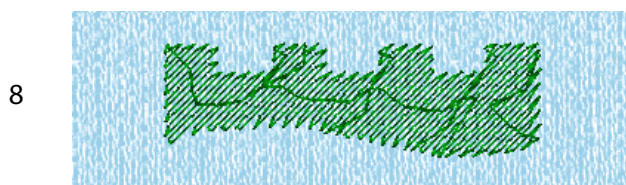
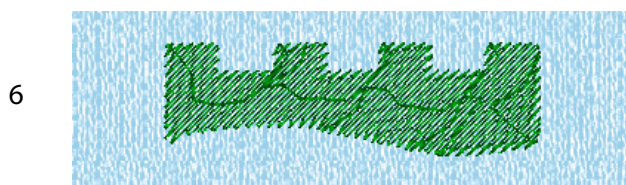
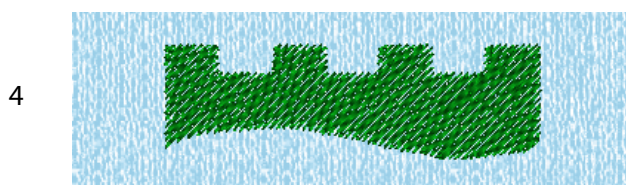
Vary the angle of stitching in QuickStitch™, Freehand and Point Fill areas to any degree. Altering the fill angle changes the way light reflects off the stitching, for a different look and texture.

This effect is different from the pattern in satin sections, which follows the contours of the shape.

To see all the available fill and satin patterns, refer to the Fill Patterns Guide.

Pattern Fill Density

Density



Pattern Fill areas created with Pattern 5 and Angle 135.

Density is determined by the distance between stitches. The lower the number, the more stitches in an area or the closer together the stitches are.

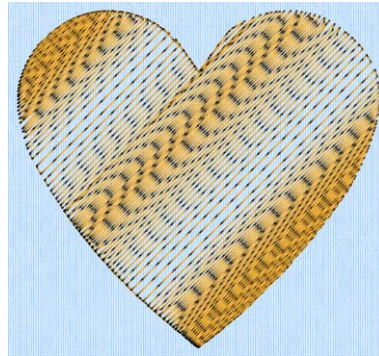
Select from 2 to 80 for all fill areas in a design or specific fill areas.

Use gradient density with fill patterns for beautiful shading effects.

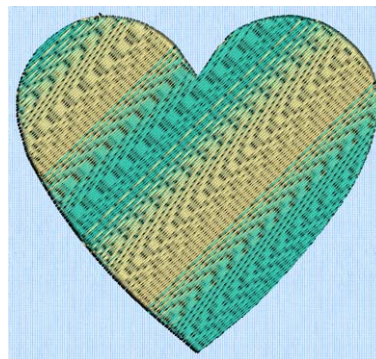
Light, Medium or Heavy Underlay may be selected for individual fill areas. This is different from Design Underlay for Express Embroideries in the ExpressDesign Wizard and Assistant, which creates a layer of underlay for the whole design before any other part of the design is created. Hence, it is possible to have both Design Underlay and then individual areas with underlay in the same design.

Multigradient Density

Multigradient
single color



Multigradient
Multicolor



Pattern and Spiral fill areas may have density gradients. Pattern fills may also have multicolor gradient density. Density gradients and multicolor density gradients may also be used for satin areas and columns.

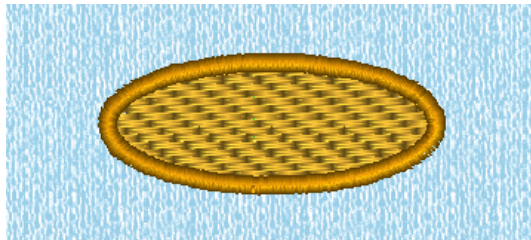
Use Single Color Gradient to change the density across a fill with only one color. Set a value for the start and end density markers for the fill. Add multiple markers for a more complex pattern.

Use Multicolor Gradient to change the color across a fill. Set colors for any number of markers for the fill, and the color gradually changes between them.

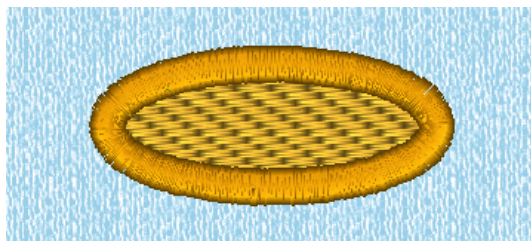
Fill Areas with Line

Border Width

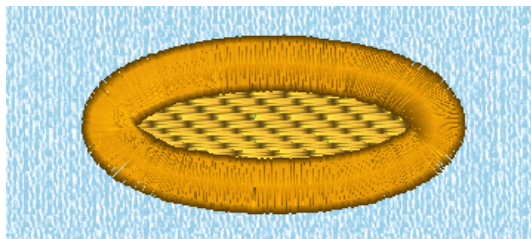
3mm



6mm



9mm



Fill areas created with Pattern 12, Density 3 and Angle 0.

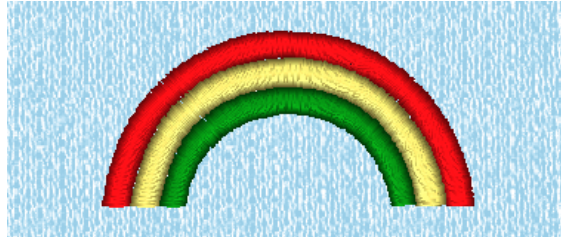
Any fill area (whether Pattern Fill or one of the other types such as Motif or Shape Fill) may have a satin, stitch or motif line surrounding it or appliqué options.

Select satin line width between 1 and 12mm. Select the underlay option to automatically generate edge walk underlay when the border width is 2mm or more. Select satin line density between 2 and 15.

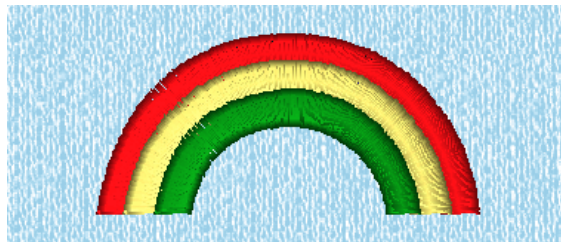
Compensation Satin or Fill

Compensation

0



20



Because some stitches pull the fabric along their length, rows of stitching that look close together on the computer screen may have gaps between them when embroidered. Compensation overcomes this.

Add compensation to individual areas of a design or a whole design.

Select from 0 to 30 for satin, 0 to 20 for fill.

This feature is especially useful on heavier fabrics.

Compensation is set automatically for Express Embroideries created in the ExpressDesign Wizard and Assistant, according to choices in the Fabric Advisor.

Motif and Other Fill Effects

Motif Fill Areas

Single Motif with
Satin Line



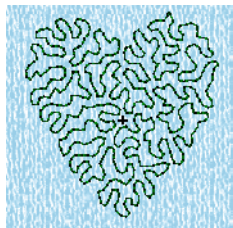
Two Motifs



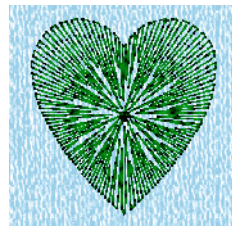
Created in mySewnet™ Digitizing as motif fill areas. Choose any single motif or any two motifs to fill the area. Adjust motif size and orientation. Horizontally and vertically adjust gap and spacing. For a full list of the hundreds of motifs available, refer to the Motif Guides.

Other Fill Areas

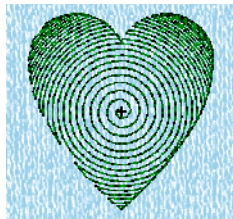
Curved QuiltStipple
Fill



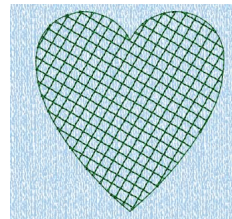
Radial Fill



Spiral with Gradient
Density



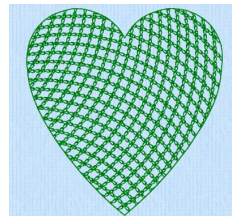
Crosshatch Fill; Double
with Zigzag Return



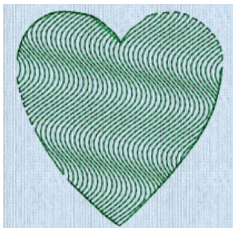
Contour Fill



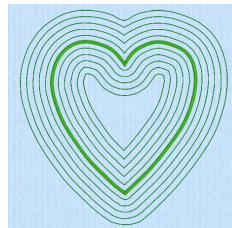
Curved Crosshatch Fill
with Motif Lines



MultiWave Fill



Echo Fill with External
and Internal lines and a
border



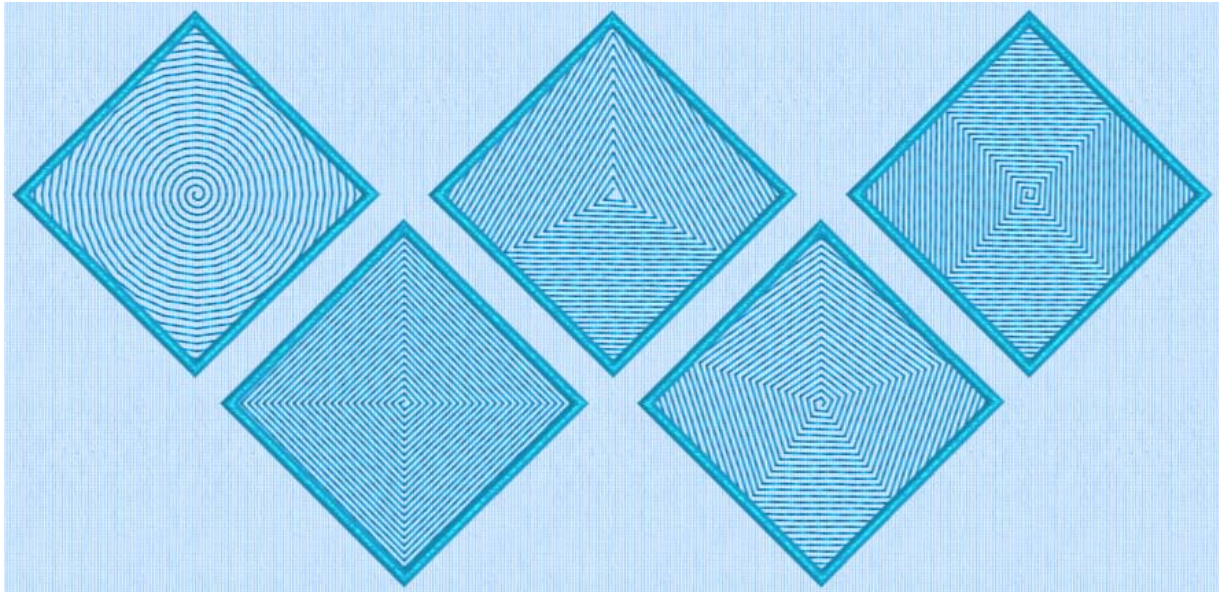
QuiltStipple is available as curved or straight style, with adjustable spacing. Crosshatch Fill is available as diamond, square, parallel or with a choice of angles. With MultiWave Fill, adjust the density, or use a motif. Adjust density and move the origin for Radial, Spiral and Shape fills for different effects. Hundreds of fill effects are available.

Shape Fill

1 ○

2 △

3 □



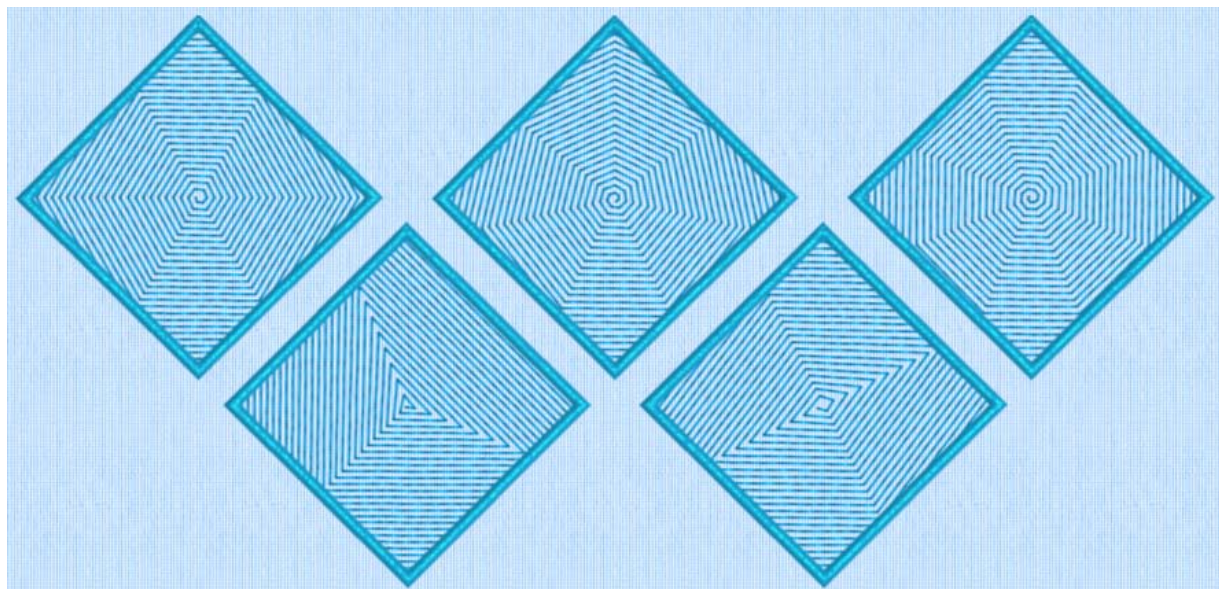
4 ◇

5 ⬠

6 ⬡

7 ⬢

8 ⬣



9 ▽

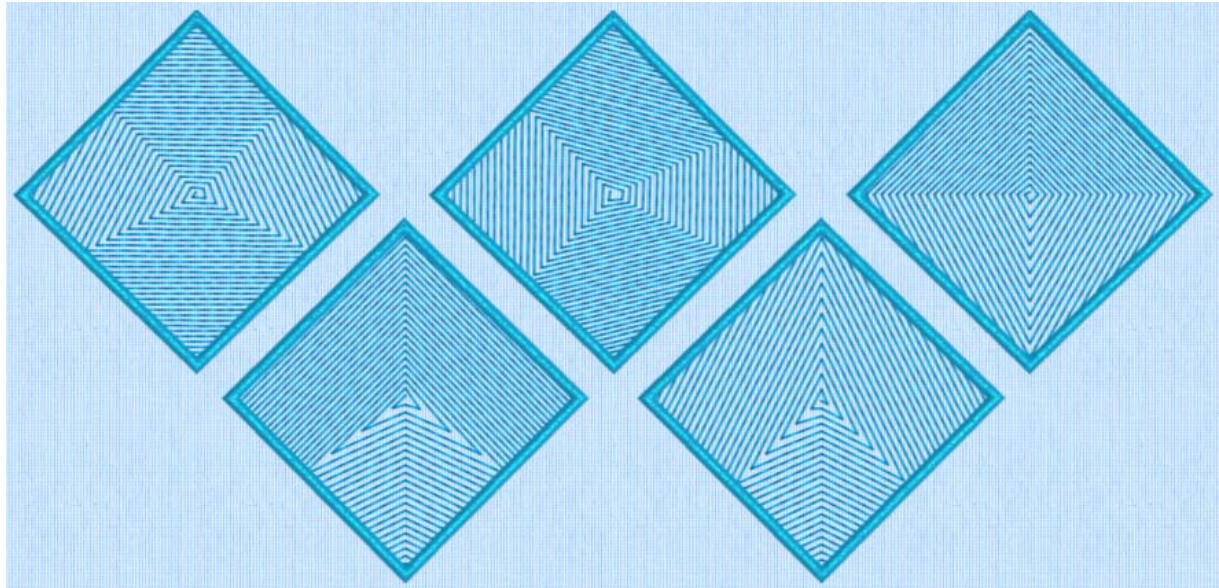
10 ▱

Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

11 


12 

13 




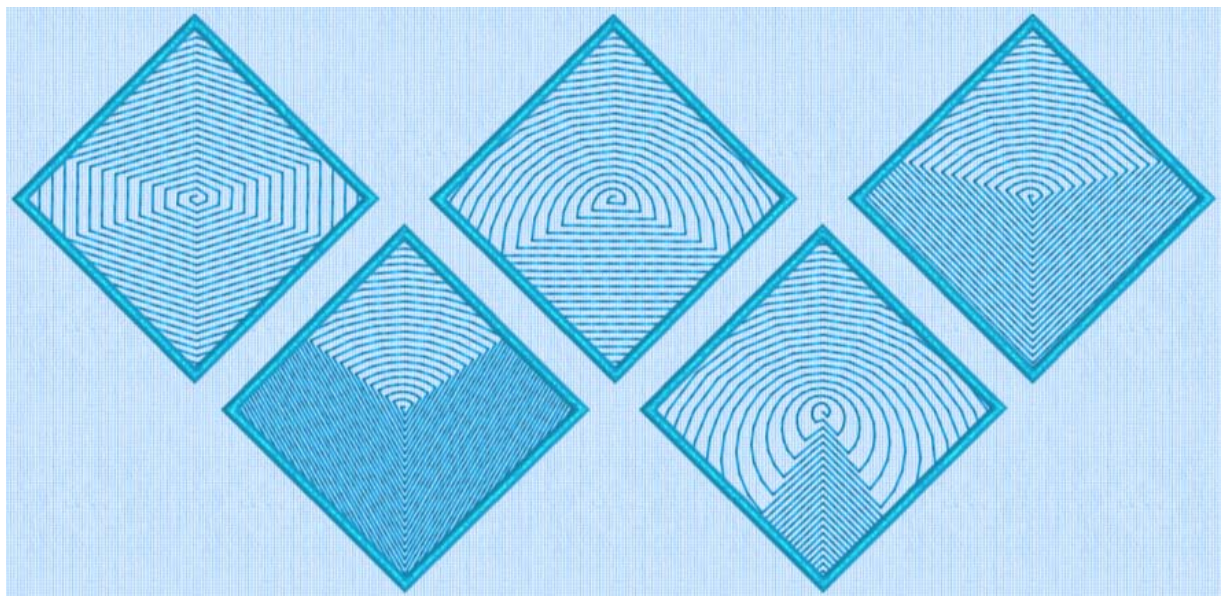
14 

15 

16 

17 

18 



19 

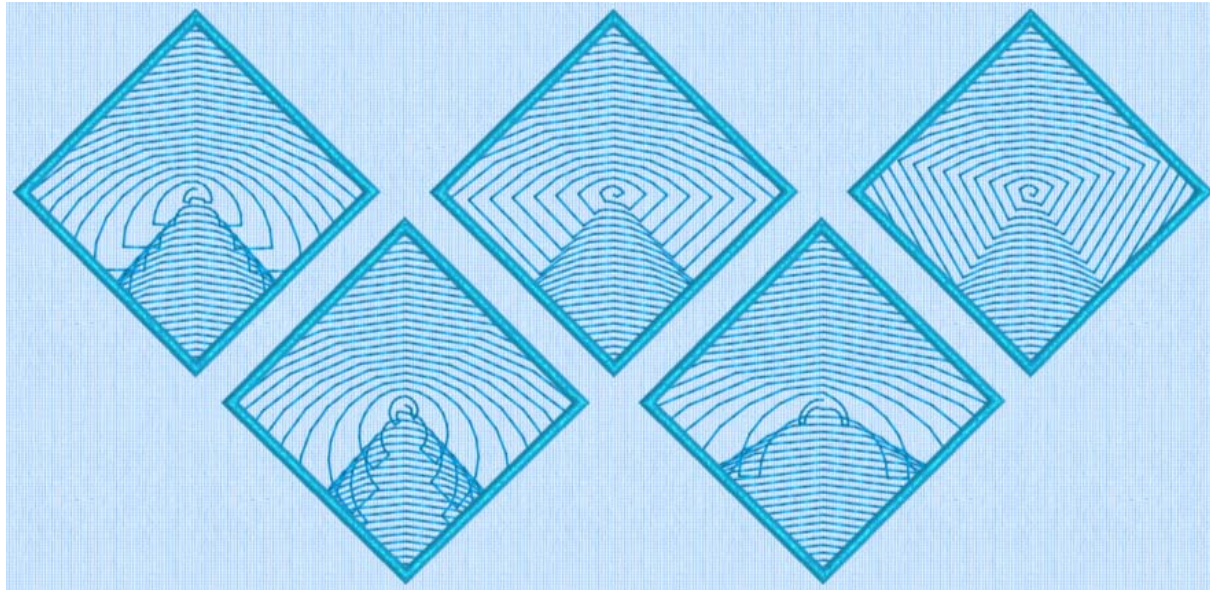
20 

Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

21 


22 

23 




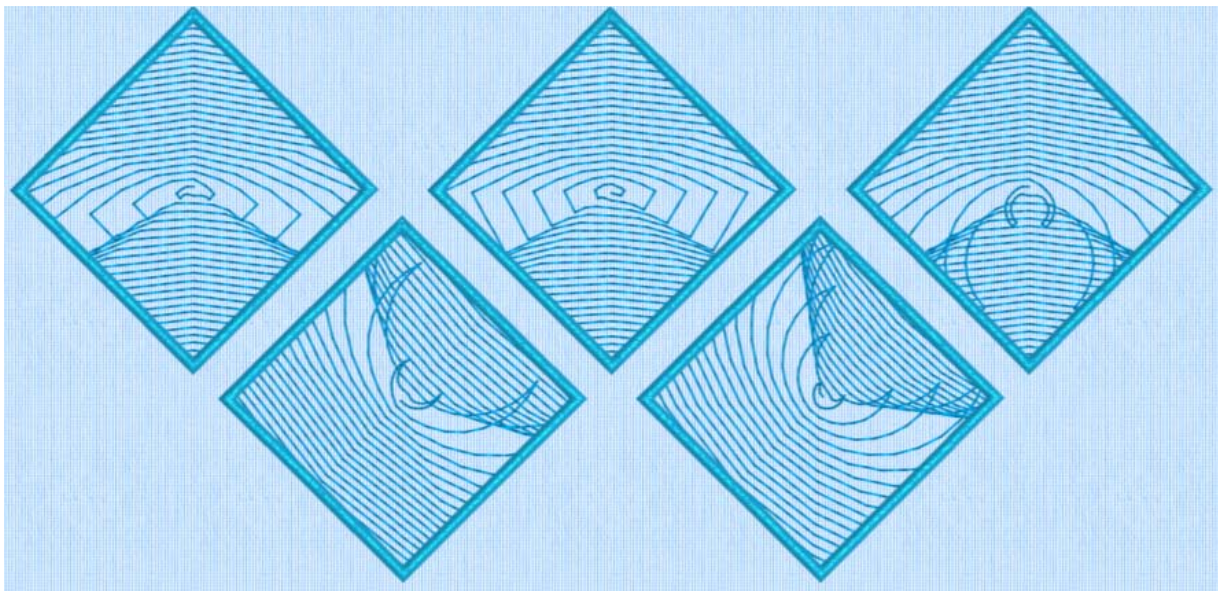
24 

25 

26 

27 

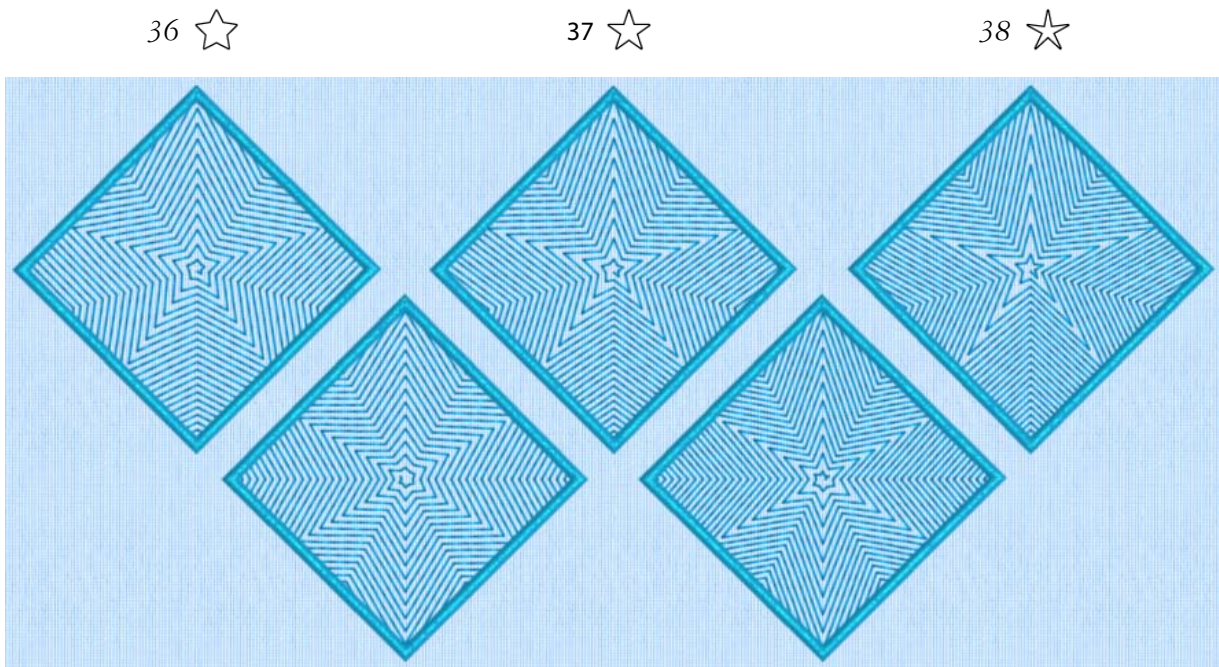
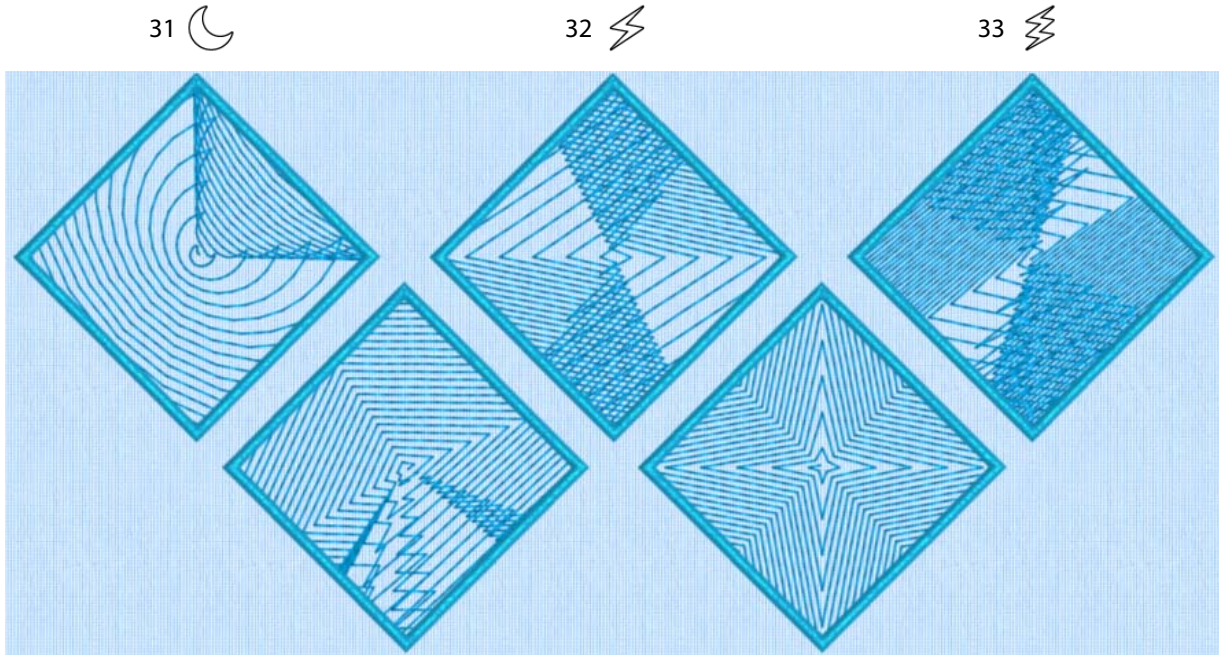
28 



29 

30 

Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

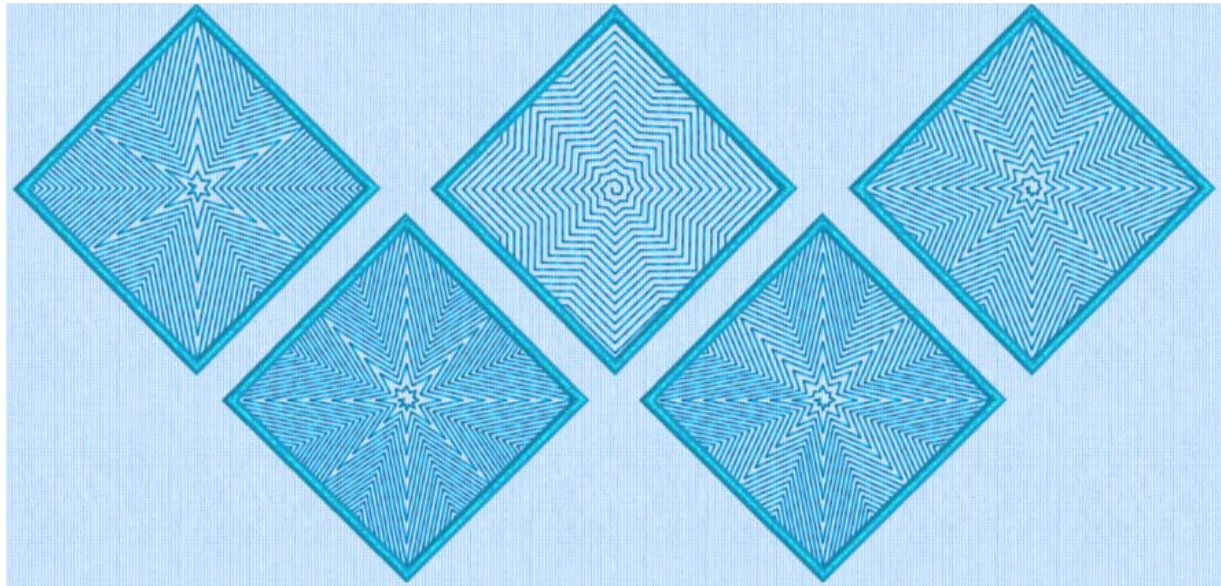


Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

41 

42 

43 




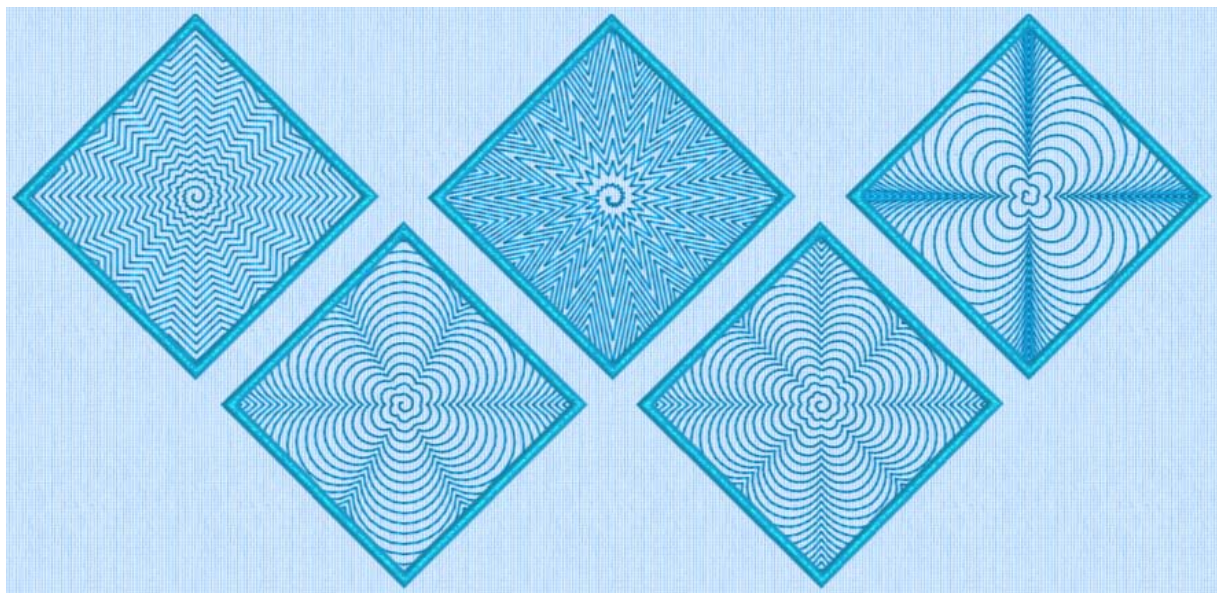
44 

45 

46 

47 

48 



49 

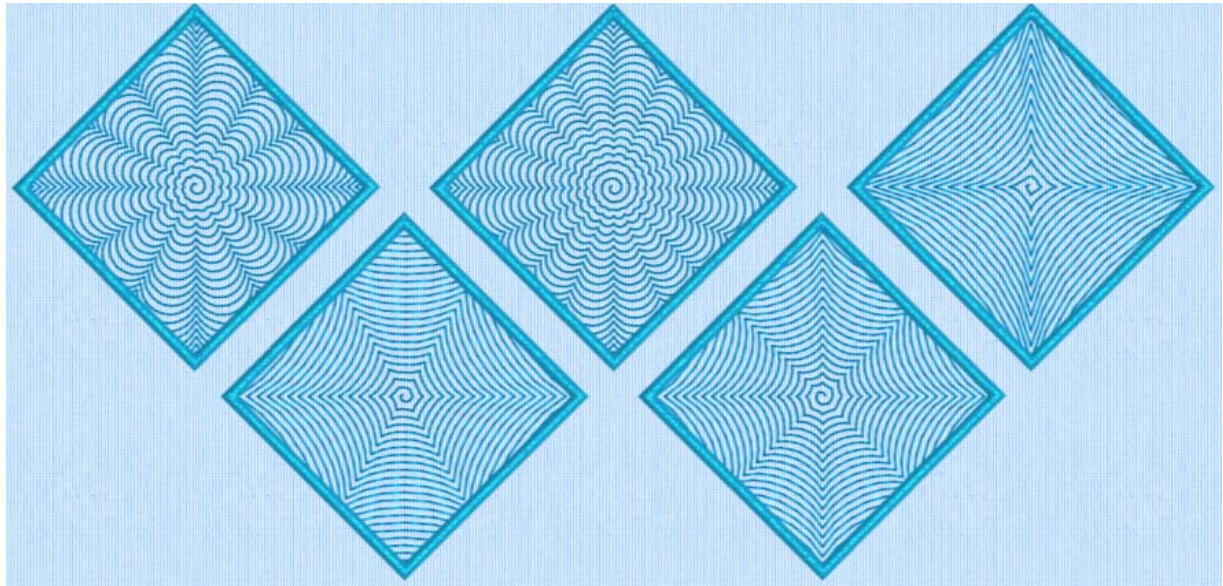
50 

Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

51 

52 

53 



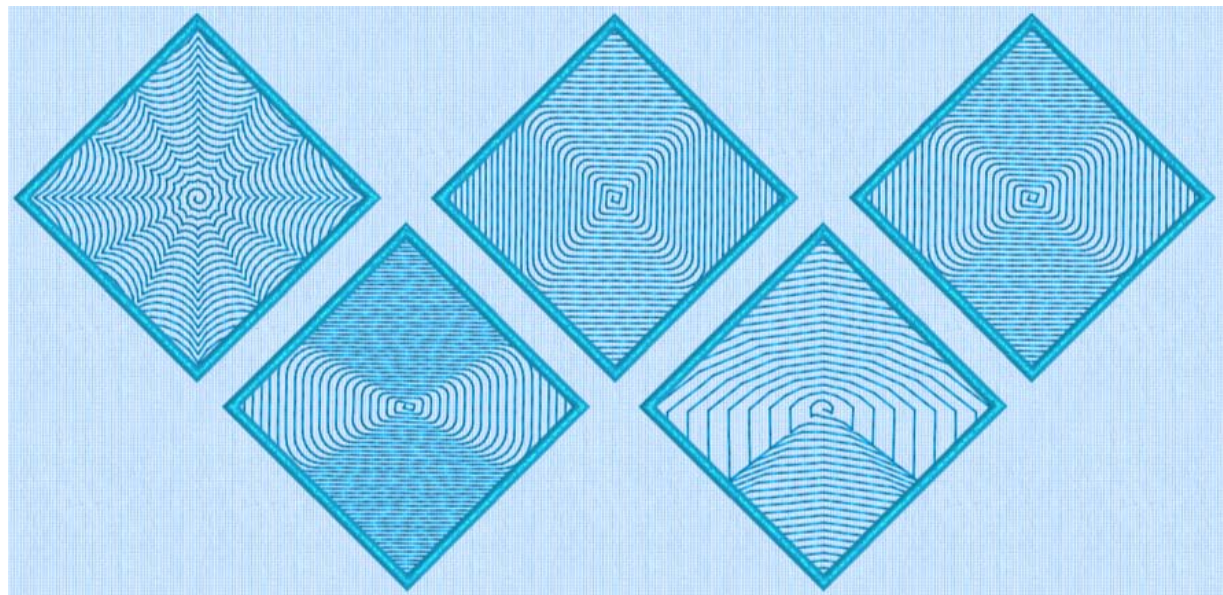
54 

55 

56 

57 

58 



59 

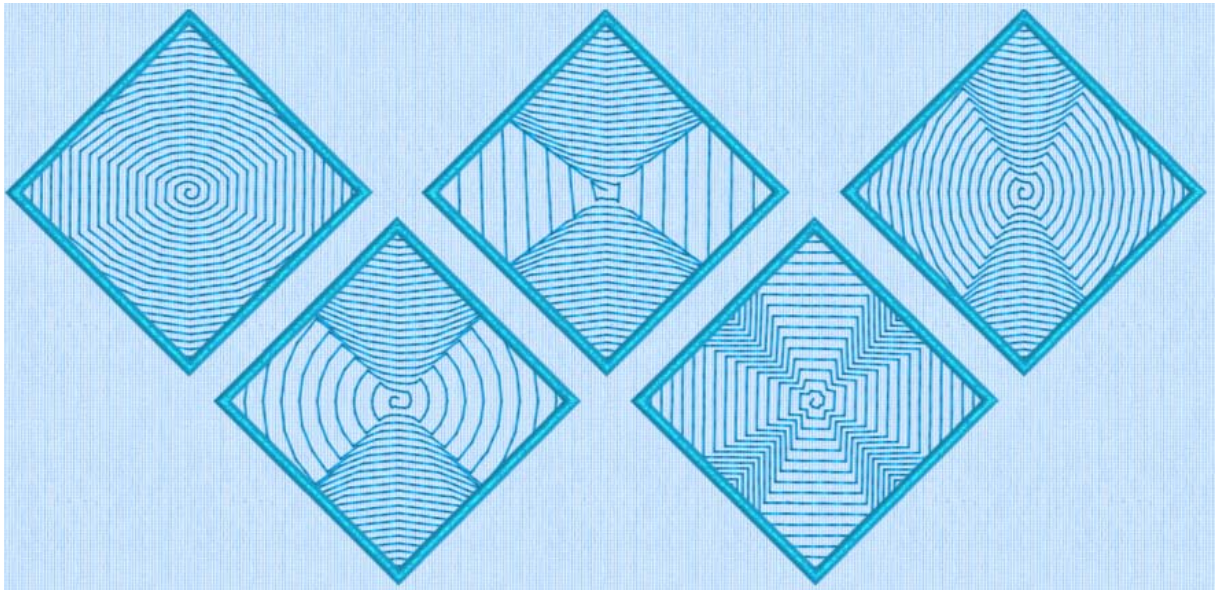
60 

Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

61 ○

62 ◡

63 ◢



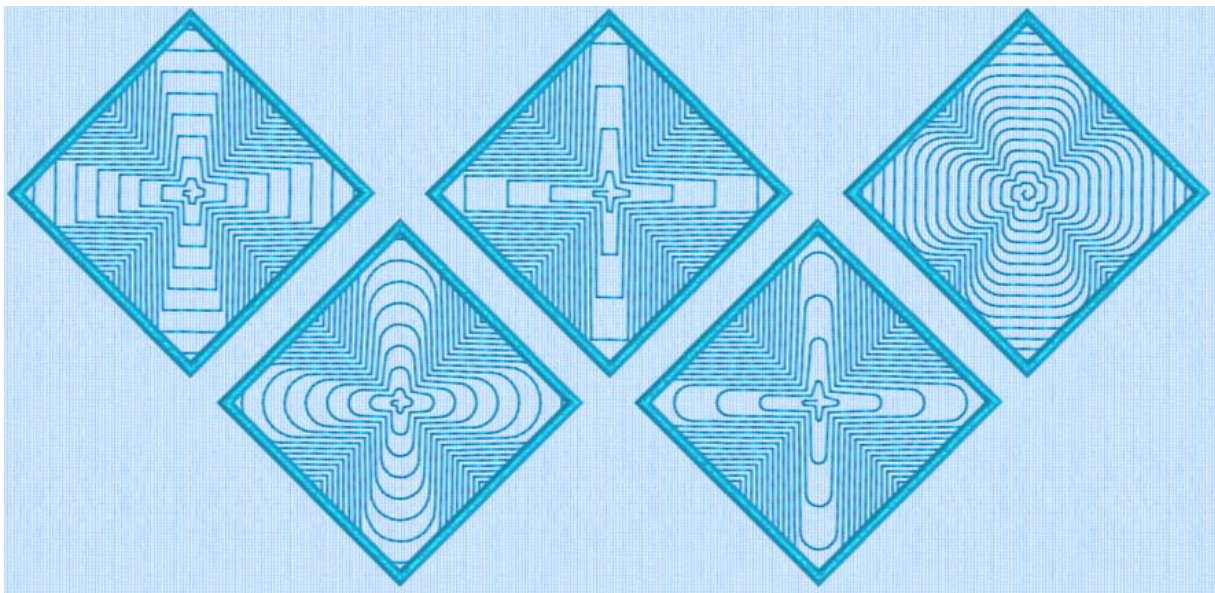
64 ◣

65 ⊕

66 ⊕

67 ⊕

68 ⊕



69 ⊕

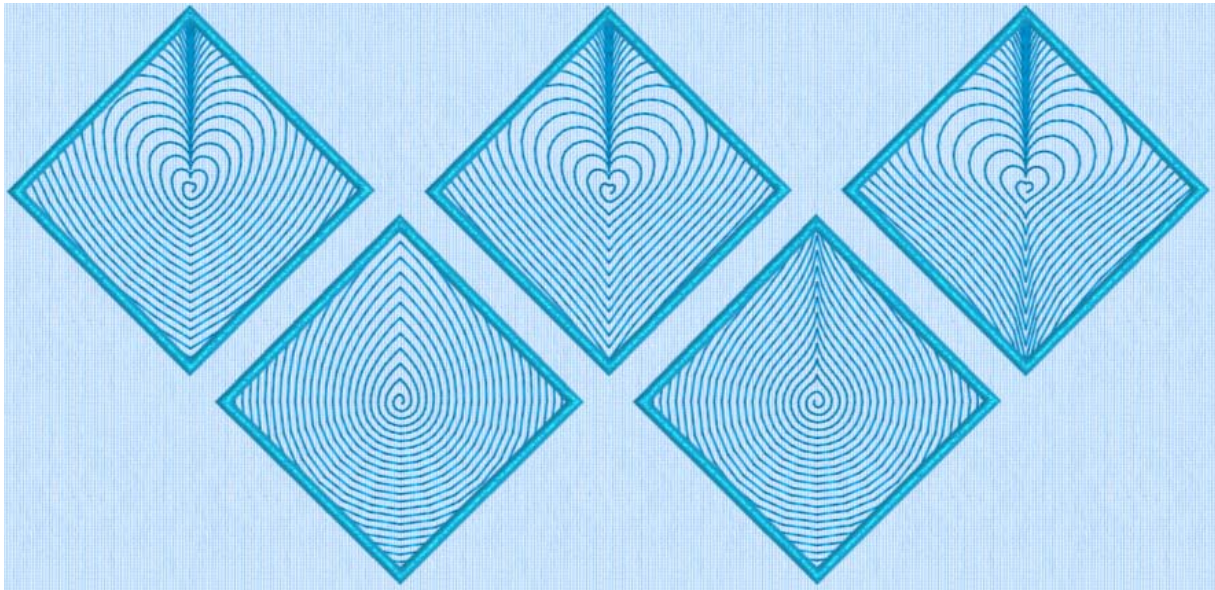
70 ⊕

Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

71 

72 

73 



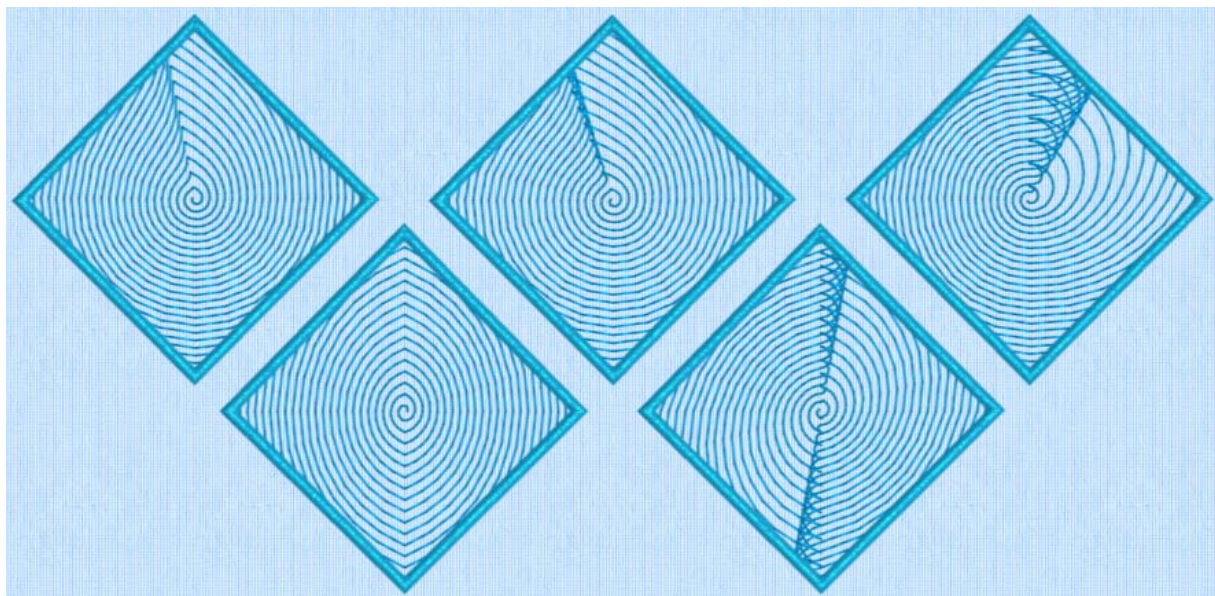
74 

75 


76 

77 

78 



79 

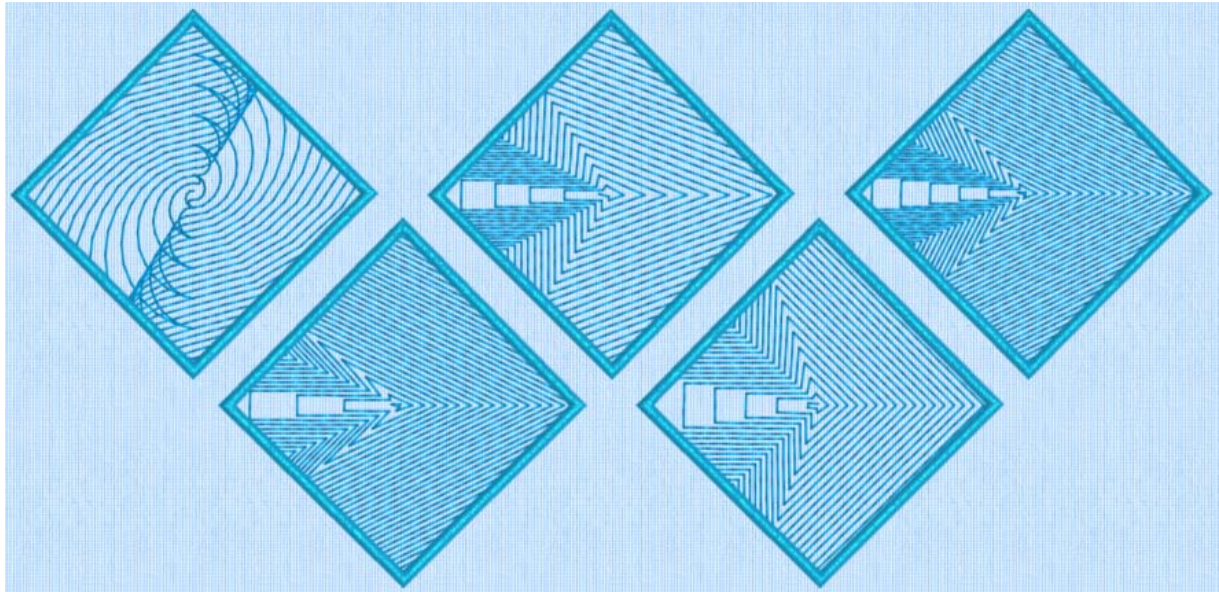
80 

Shape Fill Areas created in mySewnet™ Digitizing at Density 14.
Satin Line width is 2.0mm with Density 4.

81 ↻

82 ⇒

83 ⇒



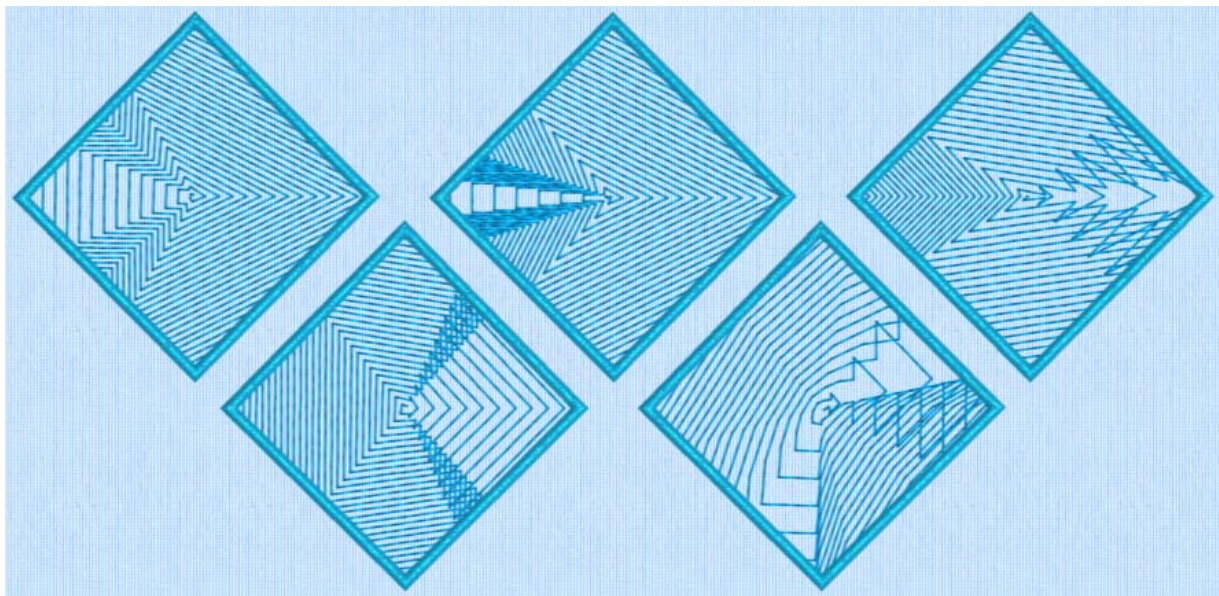
84 ⇒

85 ⇒

86 ⇒

87 ⇒

88 ⇒



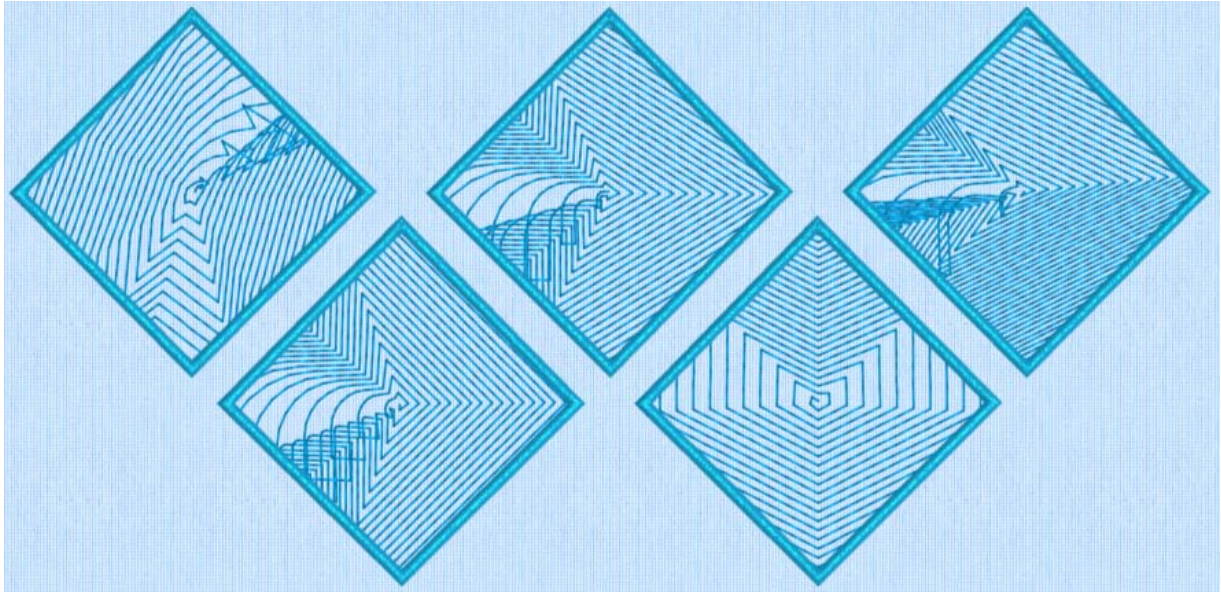
89 ⇒

90 ↻

91 ↗

92 ↗

93 ↗



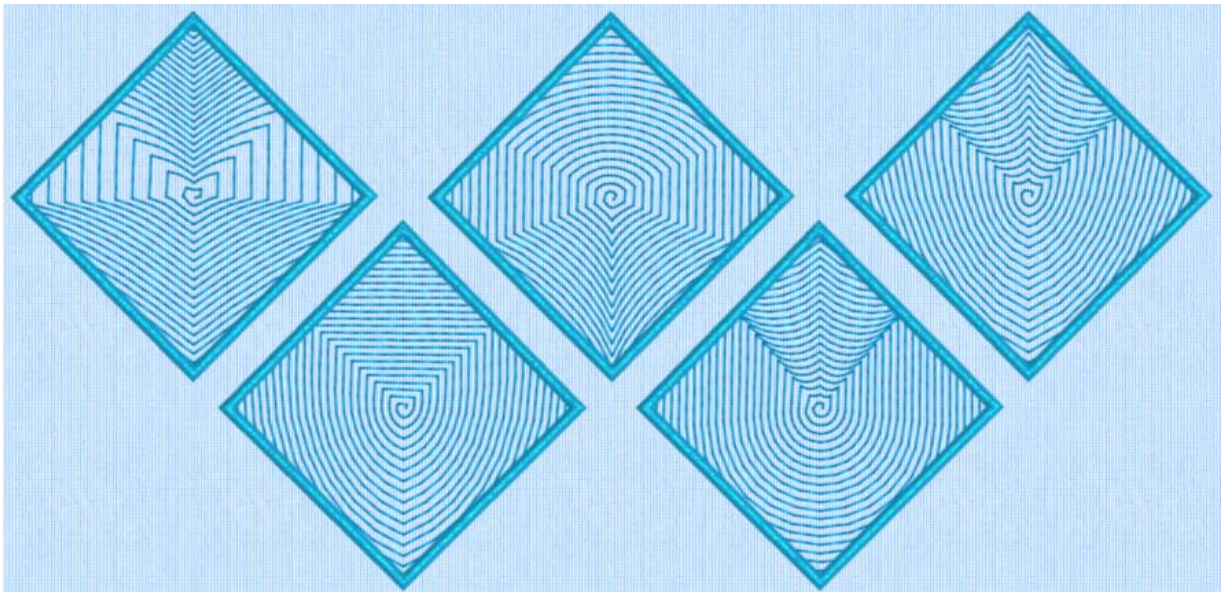
94 ↗

95 ↘

96 ↘


97 ↘


98 ↘




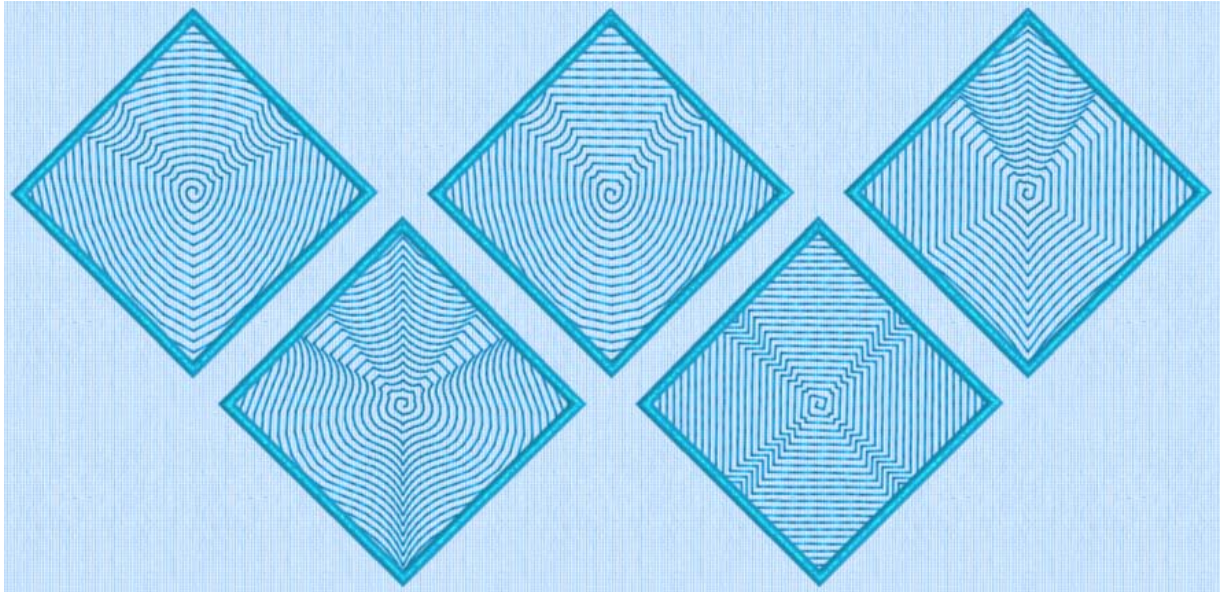
99 ↘

100 ↘

101 

102 


103 




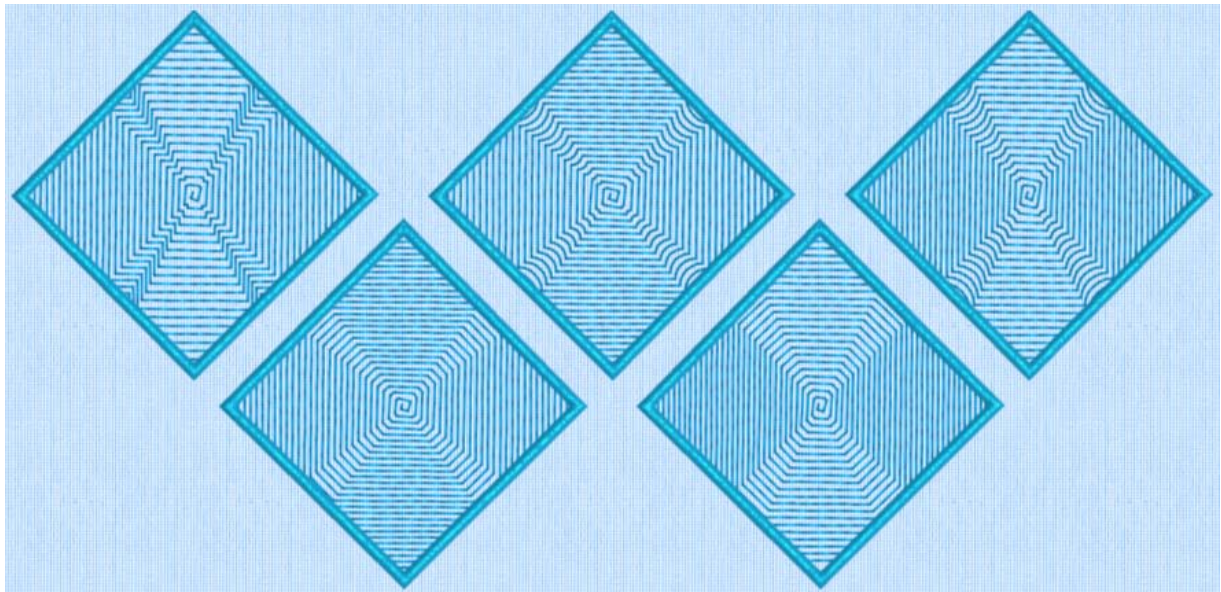
104 

105 


106 


107 


108 




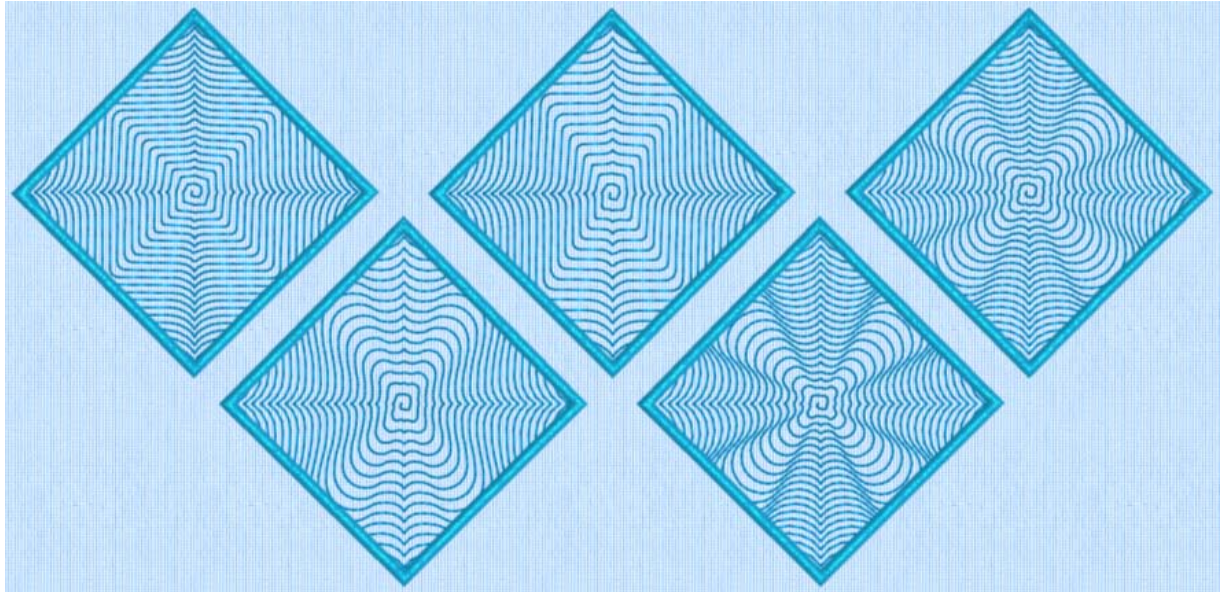
109 


110 


111 

112 

113 



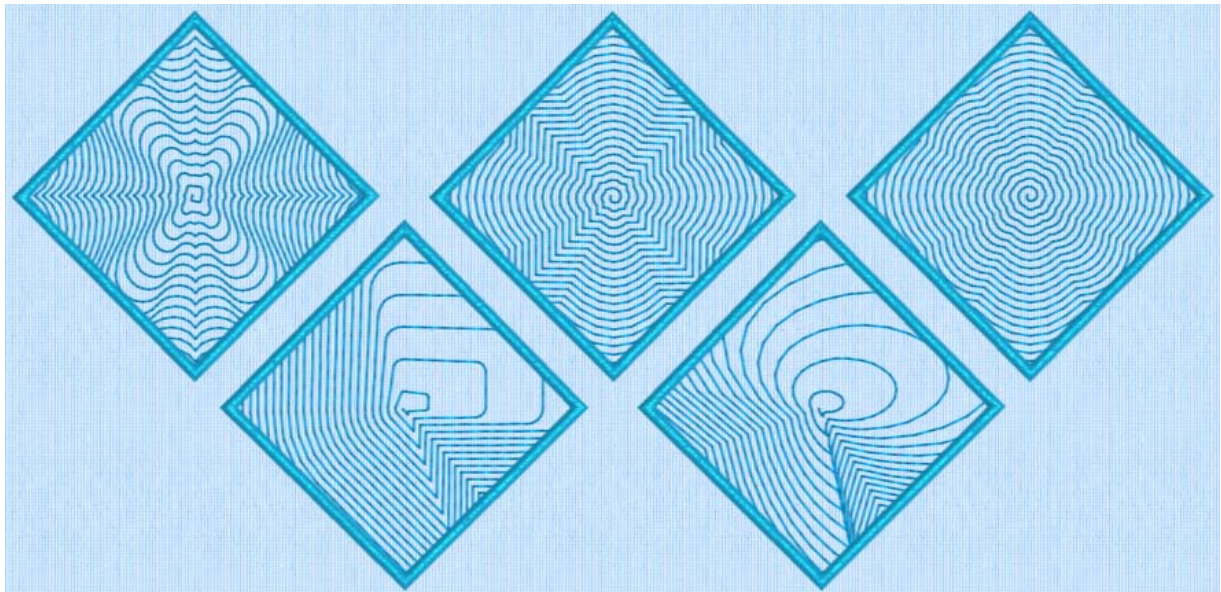
114 

115 

116 

117 

118 



119 

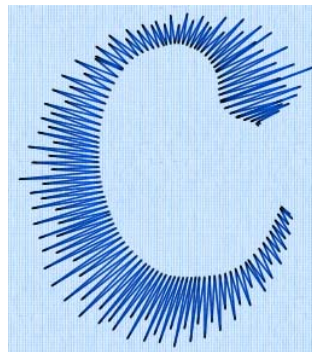
120 

Columns

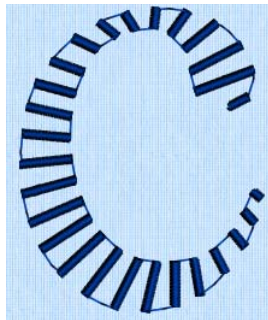
Satin Column



Feathered Satin



Richelieu Bars



Tapered Motifs



Place alternate points to define a continuous column of any length. Four types of continuous column are available:

Satin Column

Use Satin Column to create a straight or curved column of parallel stitches. The column may be of any length.

Feathered Satin

For lifelike realistic feathers or fur, use Feathered Satin, where the start and end points of the stitches are random rather than all parallel.

Richelieu Bars

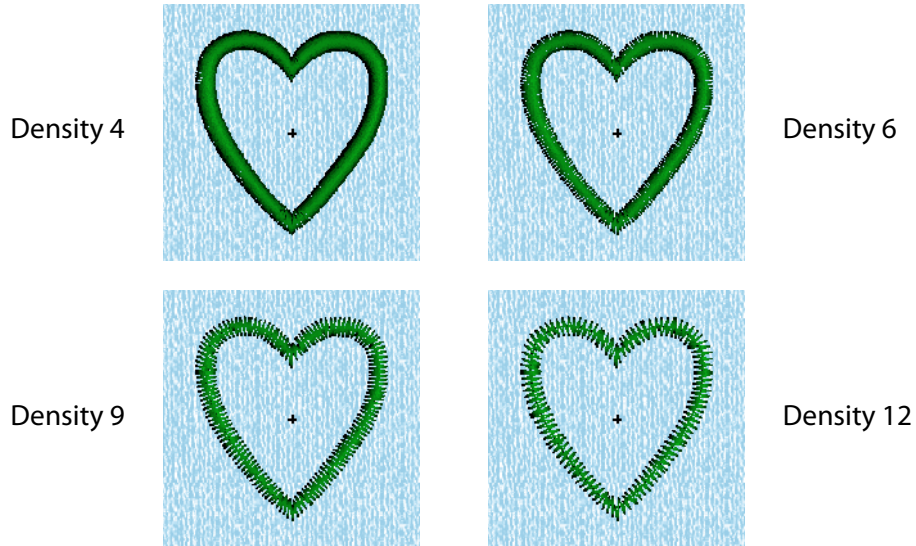
Use Richelieu Bars to create a column of short sections of satin perpendicular to the direction of the column, typically used for cutwork designs. Choose the number of bars, and the width of the satin.

Tapered Motifs

Use Tapered Motifs to create a line of motifs that vary in size according to the width of the column. Tapered motifs are often used in lace designs.

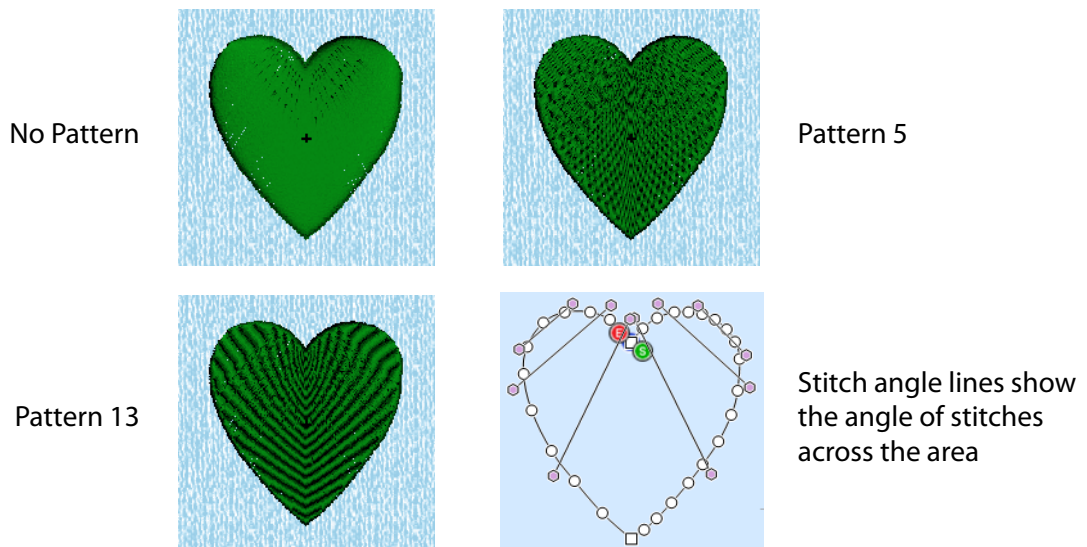
Satin Areas

Density



Density may be varied between 2 and 80 and compensation between 0 and 30. Zigzag and edge walk underlay are available, suitable for use with denser satin areas.

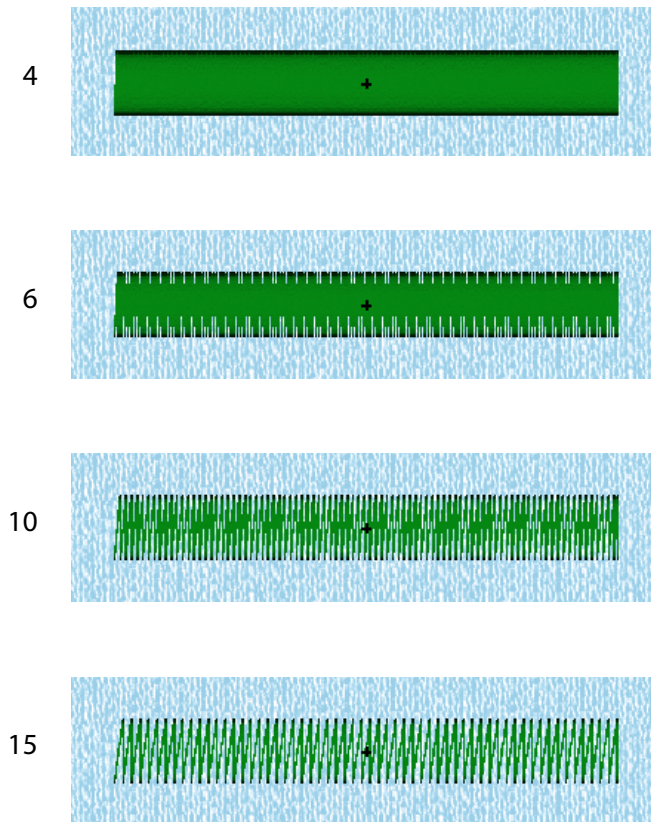
Fill Pattern



Satin columns and areas may be created in any of the fill patterns. See the mySewnet™ Fill Patterns Guide for examples of all the patterns available for Satin and Fill. The satin fill pattern is perpendicular to the stitch angle lines in the satin area. Stitch angle lines may be adjusted as desired.

Satin Density

Satin Density



Density is determined by the gap between stitches. The lower the number, the more stitches in an area; that is, the closer together the stitches are.

Select from 2 to 80 for satin areas and continuous column satin. Select from 2 to 15 for satin lines.

Density gradients and multicolor density gradients may be used for satin areas and columns.

To embroider on heavy knitwear or terry cloth, select a lower density value for more stitches than on lighter weight fabric such as twill.

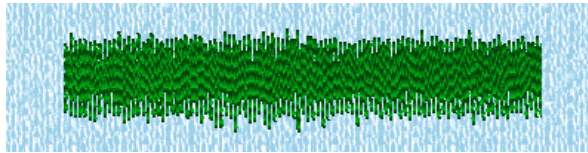
For embroidery with light colored thread on a dark fabric select a lower density value for better coverage.

Feathered Satin

Stitch Length

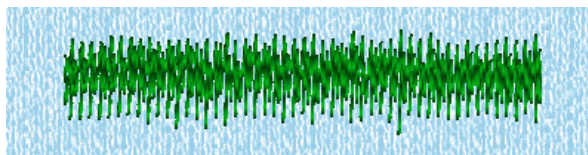
Density

2mm



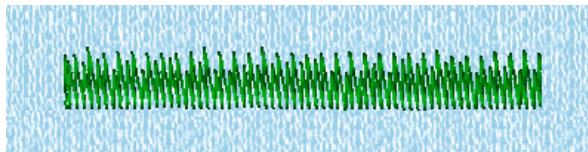
4 — Feather Both Sides

4mm



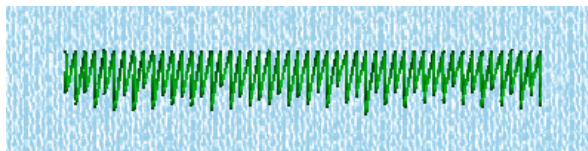
8 — Feather Both Sides

6mm



12 — Feather Side A
(First point placed on top edge)

8mm



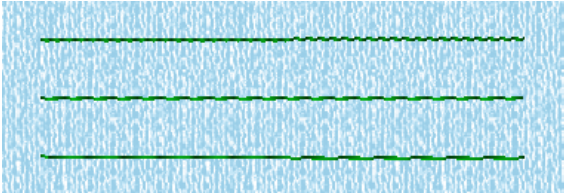
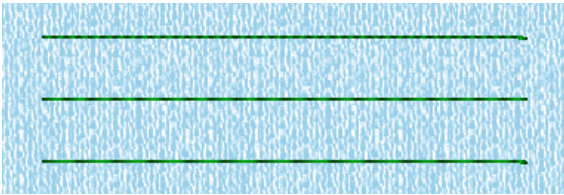
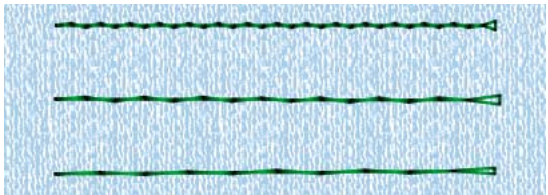
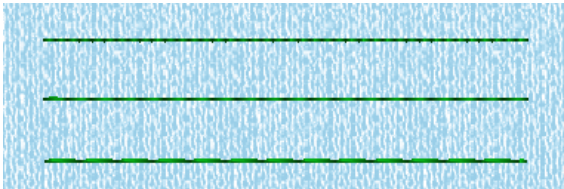
16 — Feather Side B
(First point placed on top edge)

Create special embroidery effects with random edge satin stitches.

Add texture and lifelike stitching to fur and feathers in animal designs, landscape and wearable art.

Choose feathering on one or both sides. Set length of stitches from 2 to 30mm. Select density from 2 to 40.

Line Types

Running Stitch		2mm 4mm 6mm
Double Stitch		2mm 4mm 6mm
Double Zigzag		2mm 4mm 6mm
Triple Stitch		2mm 4mm 6mm

Running Stitch

Create as part of a design or to stabilize sections of stitching.

Double Stitch

Most often created to outline or mark out a design.

Double Zigzag

Gives stability to lace designs; an option for Crosshatch Fill.

Triple Stitch

Create quilting designs and other techniques where a bold stitched line is desired.