

PFAFF
Perfection starts here.™



creative™ 3.0

Circles Galore Quilt

Approximate size: 60" (152cm)

Sewing supplies:

- PFAFF® creative™ 3.0 sewing and embroidery machine
- PFAFF® creative™ QUILTERS HOOP 200x200 (820940096)
- PFAFF® Extension Table with Adjustable Guide (821031096)
- PFAFF® OA Standard Foot for IDT™ system
- PFAFF® Fancy Stitch Foot, 2A
- PFAFF® Embroidery/Sensormatic Free-Motion Foot, 6A (820671096)
- PFAFF® Stitch-in-Ditch Foot for IDT™ System (820925096)
- PFAFF® Bi-Level Topstitch foot for IDT™ System (820676096)
- PFAFF® Circular attachment (821026096)
- INSPIRA™ Tear-A-Way stabilizer (620112396)
- INSPIRA™ 4-½" Duck Bill Appliqué Scissor (620102796)
- INSPIRA™ 4-½" Fine Point Embroidery Scissor (620103996)
- INSPIRA™ Embroidery needle size 90 (620099496)
- INSPIRA™ Quilting needle size 75 (620100196)
- INSPIRA™ Quilting needle size 90 (620100296)

Fabric requirements:

- 4 ½ yards x 60" (4.3 m x 152 cm) Black 100% cotton fabric for quilt center and embroideries
- 1 ¾ yards x 60" (1.6 m x 152 cm) Red 100% cotton fabric for quilt border and crescent section
- 1 yard x 60" (1 m x 152 cm) Orange-red fabric for embroideries and binding
- ¼ yard x 45" (25 x 115 cm) Cream fabric for embroideries
- ¼ yard x 45" (25 x 115 cm) of 6 Assorted Fabrics in assorted textures and varying shades from light orange-red to dark red-burgundy for piecing crescent shape (see picture for suggested fabrics)
- 66" x 66" (167 x 167 cm) Cotton quilt batting

Notions:

- Black cotton sewing thread for top and bobbin
- Red cotton sewing thread for top and bobbin for crescent section
- Robison Anton 40wt rayon embroidery thread: #2296 Black, #2340 Pearl Gray, #2334 Terra Cotta, #2205 Dark Rust, #2270 Cranberry and #2329 Saffron
- Black bobbin thread
- White bobbin thread
- ¼" paper backed fusible webbing
- Marking Pen for dark fabrics
- Fine tip felt marker
- Ruler
- Cutting mat
- Rotary cutter
- Straight pins
- Push pin
- Pattern tracing paper
- Pattern paper
- Transparent tape
- Tape measure



Cutting Instructions:

Read all instructions first before beginning the project.

From Black cotton fabric:

- 1 - 66" x 60" (167 x 152cm) wide for Quilt backing
- 1 - 6" x 60" (15 x 152 cm) wide for Quilt backing
- 1 Inner Circle pattern cut on fold
- 7 - 14" x 14" (36 x 36 cm) for embroideries
- 3 - 9" x 9" (23 x 23 cm) for embroideries

From Red cotton fabric:

- 1 Border pattern cut on fold
- 1 piece to fit position 12 on Crescent section pattern

From Orange-red fabric:

- 1 - 14" x 14" (36 x 36 cm) for embroidery
- 1 - 9" x 9" (23 x 23 cm) for embroidery
- 2 - 8" x 4" (20 x 10 cm) for embroideries
- 3" (7.5 cm) wide strips cut on bias.
Cut enough strips to equal 200" (510 cm) when joined.

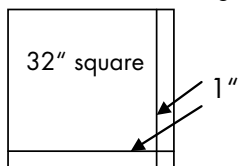
From Cream fabric:

- 4 - 9" x 9" (23 x 23 cm) for embroideries
- From the 6 Assorted Fabrics cut each shape following the instructions for the crescent shape portion of the quilt.

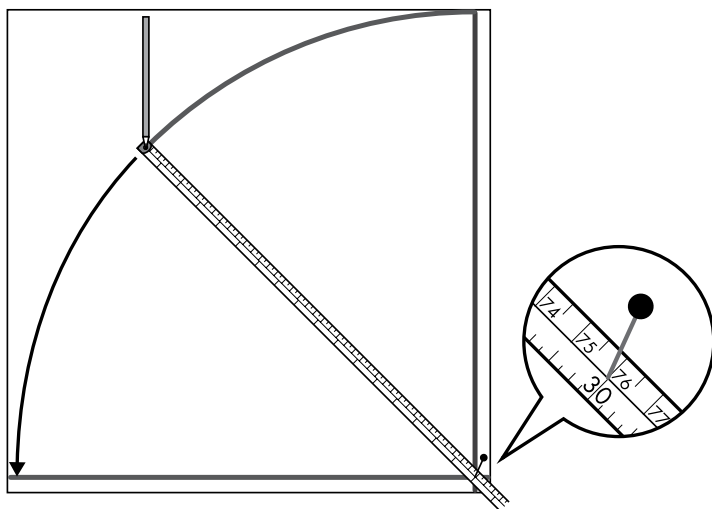
Create Master Pattern for quilt:

Your master pattern will be a 60" (152 cm) circle from which we will create the border, crescent side section and center embroidered section. You will need 4 pieces of pattern paper 32" (81cm) square, a tape measure and a push pin. You will also need pattern paper to trace the different sections of the Master pattern.

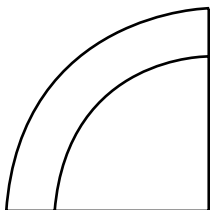
1. On each 32" (81cm) piece of square paper draw a line 1" in on both the right and bottom sides of the paper with the lines intersecting at the corner.



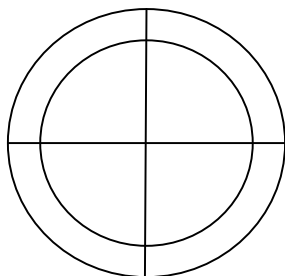
2. Insert a push pin into your tape measure at the 30" (76 cm) mark.
3. Place the push pin with the tape measure in the intersection of the 1" drawn lines.
4. Position a pen at the start of the tape measure and draw a curved line pivoting the tape measure from the push pin. Keep the pen even with the start of the tape measure. Draw the $\frac{1}{4}$ circle line from one edge of the paper to the opposite edge starting and stopping at the drawn 1" line. Go over the drawn line with a fine tip felt marker so the line will be visible from both sides of the paper.



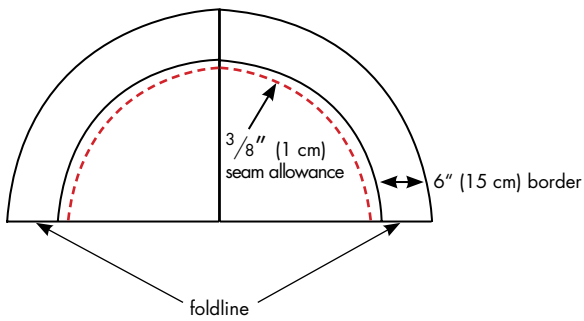
5. Move the push pin to the 24" (61cm) mark on the tape measure.
6. Place the push pin with the tape measure into the intersecting corner.
7. Repeat step 4 to draw the second line. This becomes your border section of the pattern. Go over this line with a fine tip felt marker so the line will be visible from both sides of the paper.



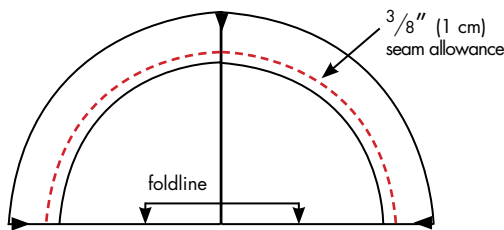
8. Tape the 4 pattern pieces together matching the intersecting corners to create your large 60" (152 cm) circle Master pattern.



9. Fold the pattern in half and trace the outside 6" border section onto pattern paper. Add $\frac{3}{8}$ " (1 cm) seam allowance to the inside curved line. Mark the fold-line at the bottom of the traced border pattern. *Note: If your fabric isn't 60" (152 cm) wide you may need to cut two small pieces to fit at the fold-lines.* Label as Border pattern.

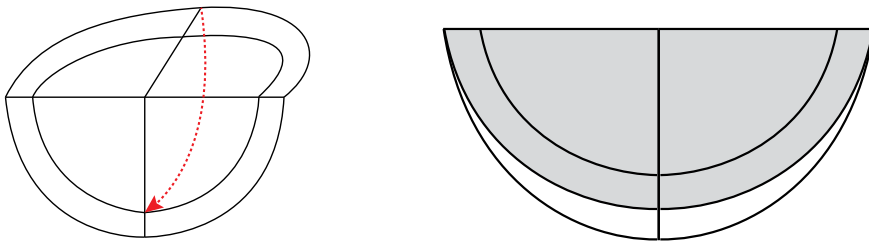


10. Trace the inside semi circle adding $\frac{3}{8}$ " (1 cm) seam allowance to the outside edge of the inner circle line. Label as Inner Circle pattern. Mark the fold-lines and quarter position.

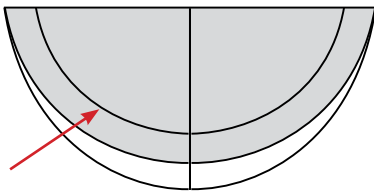


Create crescent side section:

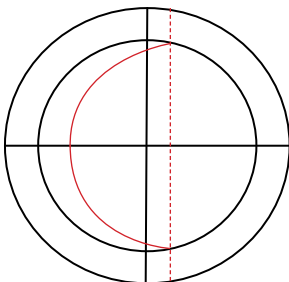
11. When you have finished creating your 60" (152 cm) circle master pattern fold the outside edge in to the 6" (15 cm) drawn line. Place a piece of pattern tracing paper between the two pieces. Pin to hold in place.



12. With a fine tip felt marker trace the inside 6" (15 cm) line from one fold to the other fold making sure the markings are transferring to the inside of the pattern paper.

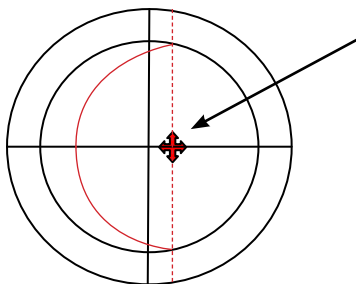


13. Unfold the circle. Draw a line on the fold-line you just created. Your Master Pattern will now look like this.

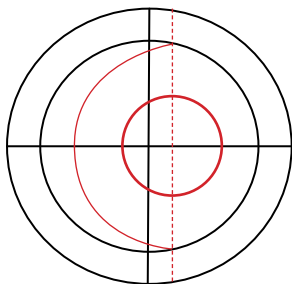


14. Position the push pin on the $14\frac{3}{8}$ " (36.5 cm) mark on the tape measure.

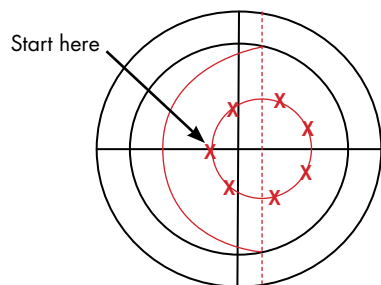
15. Place the push pin and tape measure in the center on the fold-line you just drew. This will also be the center for the embroidered appliqués.



16. Position a pen at the start of the tape measure and draw a circle.

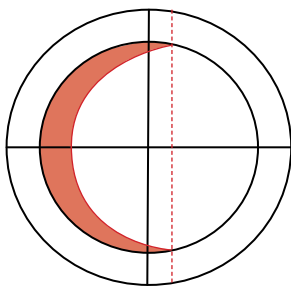


17. Stand the tape measure on its side and starting at the fold line closest to the Crescent section make a mark every $12\frac{7}{8}$ " (32.8 cm) along the line dividing the circle into 7 equal sections. Trace the Small Circle and markings onto pattern paper and label as Small Circle.



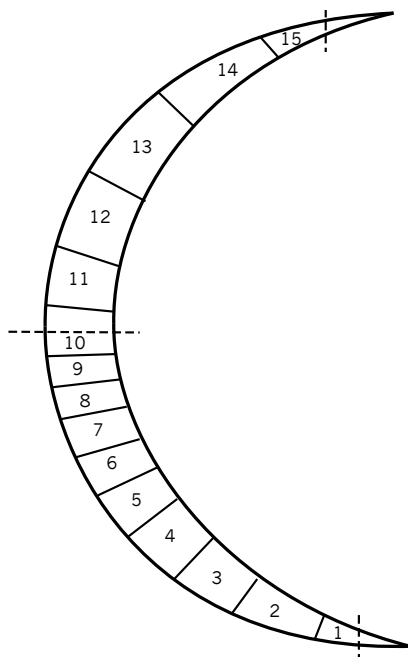
Sewing Crescent section:

1. Trace the Crescent side shape onto pattern paper.

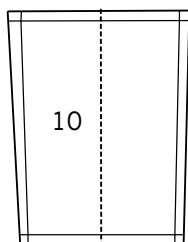


2. Divide the Crescent side section into 15 separate sections. Start at the bottom of the crescent and, standing your tape measure on its side, mark the following measurements on the outside edge of the crescent shape (adjust the measurements as needed) and label each section with the section number (1 - 15).

1. 7" (17 cm)
2. 8" (20 cm)
3. 5½" (14 cm)
4. 4¾" (12 cm)
5. 3¾" (9.5 cm)
6. 2⅛" (5.5 cm)
7. 3" (7.5 cm)
8. 2½" (6.5 cm)
9. 2⅛" (5.5 cm)
10. 4¼" (11 cm)
11. 4½" (11.5 cm)
12. 5½" (14 cm)
13. 9½" (24 cm)
14. 10¼" (26 cm)
15. 8½" (22 cm)

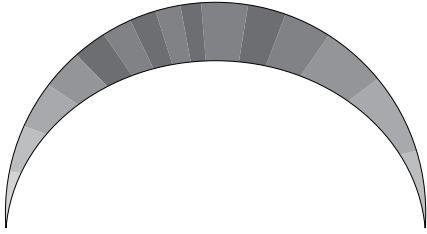


3. With the ruler perpendicular to the outside edge of the crescent shape draw a line from each marking to the inside edge of the crescent.
4. Label each piece from 1 – 15. On pieces 1, 10 and 15 also mark the center lines from the circle pattern.
5. Trace each piece and add ⅜" (1 cm) seam allowance to all sides of the traced piece. Label each traced piece with the piece number. On pieces 1, 10 and 15 also mark the center lines.

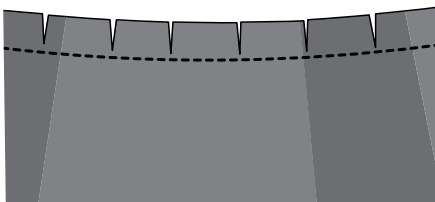


6. From the six Assorted Fabrics cut the following with the pattern piece placed right side up on the fabrics:
 - (a) Pieces 1 and 15 from the lightest shade of Orange-red
 - (b) Pieces 2 and 14 from the Orange-red
 - (c) Pieces 3 and 13 from the medium dark Orange-red
 - (d) Piece 4 from the textured Red fabric
 - (e) Pieces 5, 7, 9 and 11 from the darkest Red-burgundy fabric
 - (f) Pieces 6, 8 and 10 from dark Red-burgundy
 - (g) Piece 12 from Red border fabric
7. Place the sections in order with Piece 1 on top.
8. Thread your PFAFF® creative™ 3.0 with red sewing thread on top and in the bobbin.
9. Attach the OA Standard Foot for IDT™ system.
10. Insert an INSPIRA™ Quilting needle size 75.

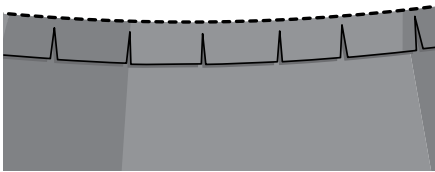
11. Sew the bottom edge of piece 2 to the top edge of piece 1 with a $\frac{3}{8}$ " (1cm) seam allowance. Check to make sure the crescent shape is being followed.
12. Repeat with pieces 3 to 15. Press seams open.
13. Place finished piece over Crescent pattern and trim if necessary.



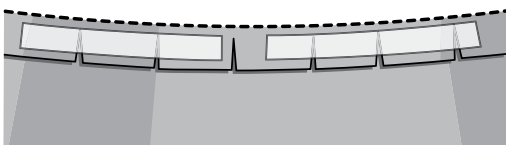
14. Change stitch length to 2.0mm.
15. Stay stitch the inside curve of the Crescent section a scant $\frac{3}{8}$ " from the edge. Clip the curved edge.



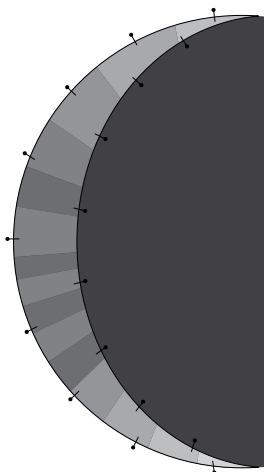
16. Press the clipped inside edge to the wrong side of the Crescent section.



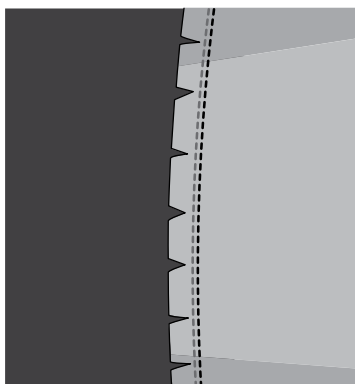
17. Fuse $\frac{1}{4}$ " wide paper backed fusible webbing to the seam allowance of the Crescent section.



18. Position the Crescent section on top of the Black Inner Circle matching the outside edges and the center/quarter markings on the Inner Circle. Pin in place along the outer edge and the inside edge.



19. Remove the paper backing from the fusible webbing and carefully press the seam allowance to the Black Inner Circle.
20. Open and fold back the Crescent section exposing the fused seam allowance. Stitch the Crescent section to the Black Inner Circle just outside the stay stitching.



21. Fold and press the Crescent section back onto the Black Inner circle and baste the outside edge of the Crescent section to the outside edge of the Black Inner Circle.

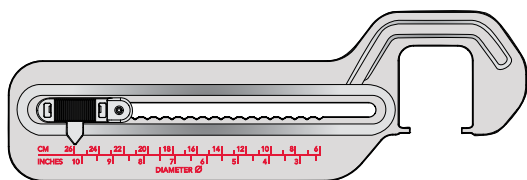
Embroidery:

1. Thread your PFAFF® creative™ 3.0 sewing and embroidery machine with Robison Anton 40wt rayon embroidery thread #2296 Black and black bobbin thread in bobbin.
2. Insert INSPIRA™ Embroidery needle size 90.
3. Attach the embroidery/sensormatic free motion foot 6A on your machine.
4. Attach the embroidery unit to your PFAFF® creative™ 3.0 sewing and embroidery machine.
5. Hoop a piece of INSPIRA™ Tear-A-Way stabilizer with a 14" x 14" (36 x 36 cm) square of Black cotton fabric centered in the PFAFF® creative™ 200x200 Quilters hoop.
6. Following the instructions in your manual select design #C3_001.vp3. After color 1 place a 9" x 9" (23 x 23 cm) Cream square over the appliqué position stitches. After color 2 remove the hoop from the embroidery arm. DO NOT remove fabric from hoop. With the INSPIRA™ 4-½" Duck Bill Appliqué Scissors trim the cream fabric close to the appliqué stitches. Attach the hoop to the embroidery arm and continue to embroider the design. When you come to Color 4 use Robison Anton 40wt rayon #2340 Pearl Gray on top and white bobbin thread in the bobbin for the satin stitching.
7. When the embroidery is finished remove the hoop from the embroidery arm, remove the fabric from the hoop and remove stabilizer from behind the design.
8. Repeat for a total of 2 blocks of Design #C3_001.vp3.
9. Thread your PFAFF® creative™ 3.0 sewing and embroidery machine with Robison Anton 40wt rayon embroidery thread #2296 black on top and black bobbin thread in bobbin.
10. Hoop INSPIRA™ Tear-A-Way stabilizer with a 14" x 14" (36 x 36 cm) square of Black cotton fabric centered in the PFAFF® creative™ 200x200 Quilters hoop.
11. Following the instructions in your manual select Design #C3_002.vp3. Embroider the design following the instructions in the Design collection book. Use the 9" x 9" (23 x 23 cm) square Cream fabric and the 8" x 4" (20 x 10 cm) (20x10cm) Orange-red fabric for the appliqués.
12. Repeat for a total of 2 blocks of Design #C3_002.vp3.
13. Thread your PFAFF® creative™ 3.0 sewing and embroidery machine with Robison Anton 40wt rayon embroidery thread #2334 Terra Cotta and black bobbin thread in bobbin.
14. Hoop INSPIRA™ Tear-A-Way stabilizer with a 14" x 14" (36 x 36 cm) square of Black cotton fabric centered in the PFAFF® creative™ 200x200 Quilters hoop.
15. Following the instructions in your manual select Design #C3_004.vp3. Embroider the design following the instructions in the Design collection book. Use the 9" x 9" (23 x 23 cm) square Black fabric for the appliqué.

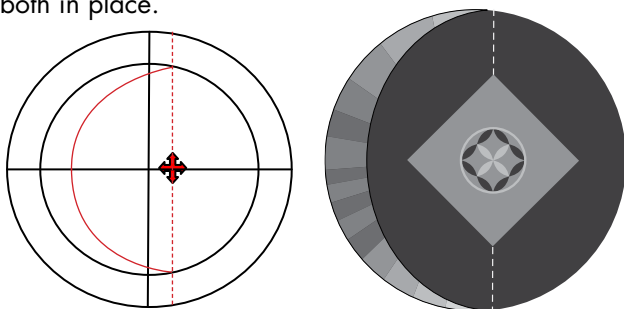
16. Embroider one of Design #C3_004.vp3 in #2334 Terra Cotta, one in #2205 Dark Rust and one in #2270 Cranberry for a total of 3 blocks of Design #C3_004.vp3.
17. Thread your PFAFF® creative™ 3.0 sewing and embroidery machine with Robison Anton 40wt rayon embroidery thread #2296 Black and black bobbin thread in bobbin.
18. Hoop INSPIRA™ Tear-A-Way stabilizer with a 14" x 14" (36 x 36 cm) square of Orange-red cotton fabric in the PFAFF® creative™ 200x200 Quilters hoop.
19. Following the instructions in your manual select Design #C3_003.vp3. Embroider the design following the instructions in the Design collection book. Use the 9" x 9" (23 x 23 cm) square of Orange-red cotton for the appliqué.

Attach Embroidered Appliqués:

1. Remove the embroidery arm from your PFAFF® creative™ 3.0 sewing and embroidery machine.
2. Thread your PFAFF® creative™ 3.0 sewing and embroidery machine with Robison Anton 40wt rayon thread #2329 Saffron on top and black bobbin thread in bobbin.
3. Set your machine for a straight stitch with stitch length at default setting of 2.5mm.
4. Attach the PFAFF® Extension Table with Adjustable Guide.
5. Attach the Circular Attachment to your PFAFF® creative™ 3.0 sewing and embroidery machine following the instructions included with the attachment. DO NOT USE YOUR THREAD SNIPS when using the Circular Attachment.
6. Attach the 2A Fancy Stitch Foot.
7. Set the SizeGuide to the 26 cm mark.



8. Center the 14" (36 cm) Red embroidered block on the Black Inner Circle placing it over the center on the second fold-line. Place a piece of INSPIRA™ Tear-A-Way stabilizer behind the center of the Black Inner Circle. Pin both in place.



9. Place the pivot pin from your Circular Attachment into the center of the embroidery on the block and through all layers.
10. Place the tip of the pivot pin into the hole on the SizeGuide.
11. Place the quilt top with embroidery under the presser foot of your machine.
12. Using the Circular Attachment sew the appliqué to your quilt top Black inner circle. When you have finished sewing the circle touch the Immediate tie-off button to secure the stitching. DO NOT USE THE THREAD SNIPS.

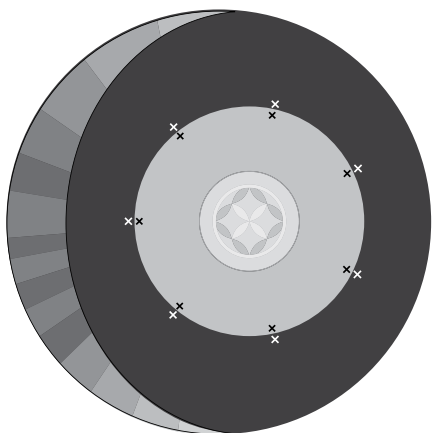
13. Using the INSPIRA™ 4-½" Duck Bill Appliqué scissors, trim the excess appliqué fabric close to the stitching.
14. Choose Selection Menu - Stitch Menu - Stitch #7 with a width of 3.9mm and a length of 0.8mm.



15. Place the pivot pin into the same hole in the center of your embroidery and attach the pivot pin into the hole of the SizeGuide.
16. Using the Circular Attachment sew the satin stitch around the appliqué. Use the Immediate tie-off button when you have finished sewing the satin stitch around the circle.

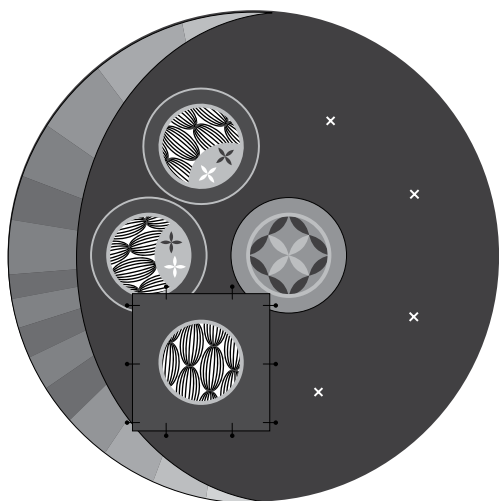


17. Remove pivot pin from the Circular Attachment and the embroidery.
18. Remove stabilizer from behind the Black fabric.
19. Center the Small circle pattern with the 7 evenly spaced markings on top of the centered embroidery. Make sure one marking is sitting on the fold closest to the Crescent section. Mark the Black inner circle at each of the 7 evenly spaced markings on the Small circle pattern piece.



20. On the first X mark on the fold-line and to the left of the center embroidery, center one of the C3_002.vp3 appliqués with the Red appliqué of the embroidery facing the center. Place a piece of INSPIRA™ Tear-A-Way stabilizer under the Black circle fabric making sure it is behind the embroidered square.

21. Mark the center of the appliqué embroidery. (You may wish to print a template of the design from 5D™ Organizer to mark the center accurately.)
22. Place the pivot pin in the center of your embroidery and place the tip of the pivot pin in the hole of the SizeGuide. Place the quilt top with embroidery under your presser foot.
23. Select straight stitch and sew the embroidery to your quilt top using the Circular Attachment. Activate the Immediate tie-off button when you have finished sewing the appliqué in place.
24. Remove from the Circular Attachment and trim close to the stitching.
25. Place the pivot pin in the center of the embroidery and place it in the hole of the SizeGuide.
26. Set your machine for stitch #7 with stitch width of 3.9mm and stitch length of 0.8mm
27. Use the Circular Attachment to sew the satin stitch around your appliqué.
28. Remove the pivot pin from the Circular Attachment and your embroidery.
29. Remove stabilizer from behind black fabric.
30. Position the second embroidered block with Design C3_002.vp3 on the mark just above this block.
31. Position the third embroidered block with Design C3_001.vp3 on the mark just below your first appliquéd embroidery (You may also wish to print a copy of this embroidery for assistance in accurately marking the center of the embroidery.)



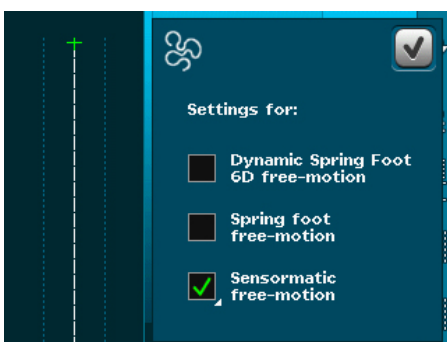
32. Repeat steps 21 through 29 to attach each of the appliqués.
33. Position the fourth embroidered block with the second Design C3_001.vp3 on the mark to the right of the top appliquéd embroidery.
34. Position the fifth embroidered block with Design C3_004.vp3 stitched with #2205 Dark Rust to the right of the lower appliquéd embroidery. Thread your machine with Robison Anton 40wt Rayon #2205 Dark Rust on top.
35. Repeat steps 21 through 29 to attach each of the appliqués.
36. Position the sixth embroidered block with Design C3_004.vp3 stitched with #2270 Cranberry to the right of the top appliqué. Thread your machine with Robison Anton 40wt Rayon #2270 Cranberry on top.
37. Repeat step 21 through 29 to attach the appliqué.
38. Position the last embroidered block with Design C3_004.vp3 stitched with #2234 Terra Cotta on the last marking. Thread your machine with Robison Anton 40wt Rayon #2205 Terra Cotta on top.
39. Repeat steps 21 through 29 to attach the appliqué.

Attach Border:

1. Thread your PFAFF® creative™ 3.0 sewing and embroidery with red sewing thread top and in bobbin.
2. Attach OA Standard Foot for IDT™ system.
3. Select a straight stitch.
4. Mark the four quarter sections on the inner curve of the Red border section.
5. Stay stitch $\frac{3}{8}$ " (1 cm) around the inner curve of the Red border section.
6. Match the quarter markings on the inner curve of the border section to the quarter markings on the Black Inner circle. Continue to pin the border fabric to the Black Inner circle matching the raw edges and clipping the border fabric as necessary to have outside edges even.
7. Sew the border to the inner circle stitching just outside the stay stitching.
8. Press the seam towards the border.

Quilting your quilt:

1. Join the 6" x 60" (15 x 152 cm) strip of Black cotton fabric to the top of the 66" x 60" (167 x 152 cm) Black cotton fabric for the quilt backing. Press seam open.
2. Lay backing fabric wrong sides up on flat surface.
3. Lay 66" x 66" (167 x 167 cm) quilt batting on the Black backing fabric.
4. Center your circular quilt top on the batting and backing.
5. Baste your quilt top to the batting and backing with pins or temporary spray adhesive.
6. Thread your PFAFF® creative™ 3.0 sewing and embroidery machine with black sewing thread top and in bobbin.
7. Attach the Stitch-in-Ditch Foot for IDT™ System.
8. Attach INSPIRA™ Quilting needle size 90.
9. Set your PFAFF® creative™ 3.0 sewing and embroidery machine for a straight stitch.
10. With the Stitch-in-Ditch Foot for IDT™ System sew a straight stitch around each of the appliquéd embroideries and between the Black inner circle and Red crescent and border fabric.
11. Thread your machine with Red cotton sewing thread on top and Black cotton sewing thread in the bobbin.
12. With the Stitch-in-Ditch Foot for IDT™ System sew a straight stitch between the Crescent section and Red border.
13. Remove the Stitch-in-Ditch Foot for IDT™ System.
14. Thread your machine with Black cotton sewing thread on top and in bobbin.
15. Attach the Embroidery/Sensormatic free motion foot 6A.
16. Set your PFAFF® creative™ 3.0 sewing and embroidery machine for Free-motion sewing following instructions in your manual.



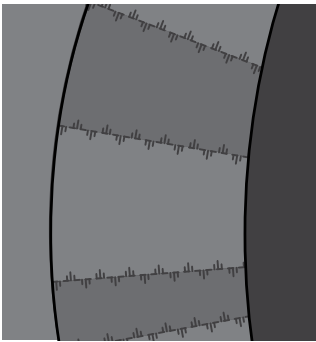
17. Stipple around the appliquéd embroideries on the Black inner circle fabric only.
18. Thread your sewing machine with Robison Anton 40wt rayon thread #2329 Saffron on top and black bobbin

thread in the bobbin.

19. Remove the Embroidery/Sensormatic Free-motion foot. De-select the Sensormatic free-motion setting on your machine.
20. Attach the 2A Fancy Stitch Foot.
21. Choose Selection Menu - Stitch Menu - Category 2 - Sub-category 2 - Stitch #7.



22. Sew Stitch 2.2.7 between each of the pieces on the Crescent section of your quilt.



23. Thread your machine with red sewing thread top and black sewing thread in the bobbin.
24. Choose Selection Menu - Stitch Menu - Category 1, sub-category 1, Stitch 9 - triple zig zag.
25. Sew the triple zig zag stitch around the outside edge of the quilt.
26. Trim the backing and batting even with the edge of the quilt.
27. Remove 2A Fancy Stitch foot.
28. Attach OA Standard Foot for IDT™ system.

Binding:

1. Sew the Orange-red cotton fabric 3" (7.5 cm) bias strips together. Press the seams open.
2. Fold bias strips in half wrong sides together and press.
3. Sew the binding to the back side of the quilt matching the raw edges and using the edge of the OA foot as a guide.
4. Finish joining the binding with your favorite method.
5. Fold binding to the right side of the quilt making sure it covers the binding stitches. Pin to secure.
6. Remove the OA Standard Presser foot for IDT™ System.
7. Attach Bi-Level Topstitch Foot for IDT™ System.
8. Move needle position close to the edge of the binding.
9. Edge stitch the binding in place keeping the fold of the binding in line with the red mark on the Bi-Level Topstitch Foot for IDT™ System.

Give your quilt a final press, attach the Quilt Label and enjoy!