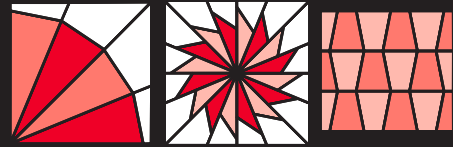


NON-SLIP 22.5° Triangle Ruler



Cut 22.5° triangles up to a finished size of 18".
Create a complete circle with 16 triangles.
Also create Fans and Dresden Plates.

Designed By: Erin Underwood

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NON-SLIP 22.5° Triangle Ruler

Fan Blocks

Create a fan block with no curved piecing or applique!

Cut your strip 1/2" larger than the finished size of your triangle. In this illustration, the strip is cut 10-1/2" wide. (Fig.1)

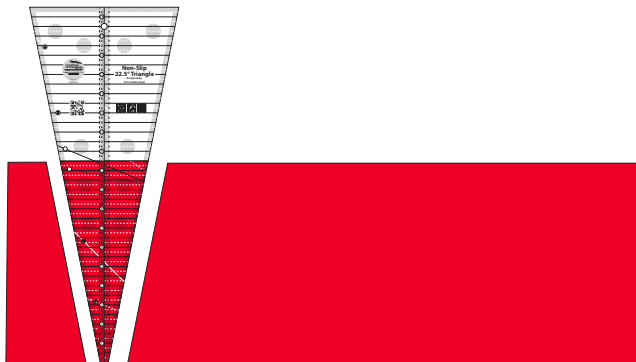


Fig. 1

Align the Creative Grids 22.5° ruler on the strip with the 10-1/2" horizontal line on the top of the strip and the narrow blunt tip on the bottom. Cut around both side to create the first triangle.

Rotate the ruler 180 degrees and align the 10-1/2" line on the bottom edge of the strip, the angled edge on the newly cut angle and the blunt tip on the top edge. Cut again. (Fig. 2)

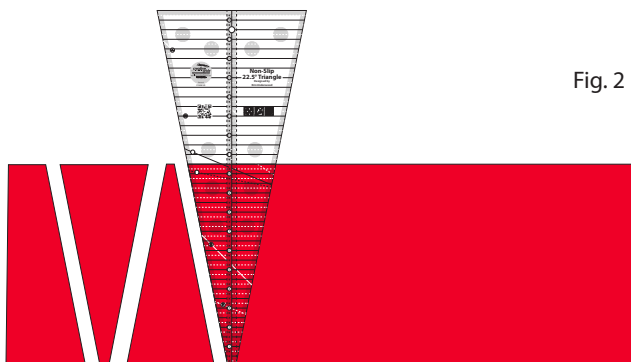


Fig. 2

Continue rotating the ruler and aligning it on the strip as above to cut as many triangles as needed. Each block needs 4 triangles.

For the background, Cut the wedges with a 1/2" overlap. For this illustration, the strip is cut 7-1/2" wide. (Fig. 3)

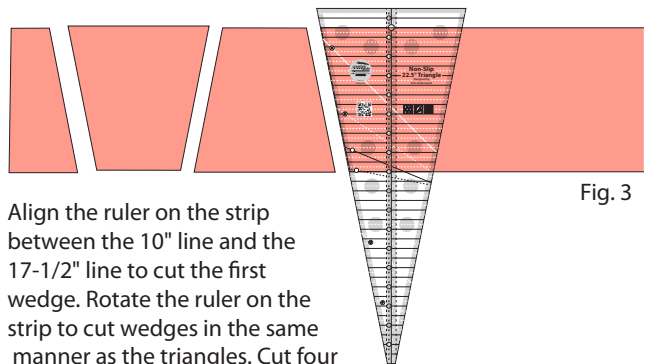


Fig. 3

Align the ruler on the strip between the 10" line and the 17-1/2" line to cut the first wedge. Rotate the ruler on the strip to cut wedges in the same manner as the triangles. Cut four for each block.

Sew a background wedge to each triangle with a 1/4" seam allowance to create fan blades. For each block, press seams on fan blades 1 and 3 to the background and seams on 2 and 4 down to the triangle. (Fig. 4)

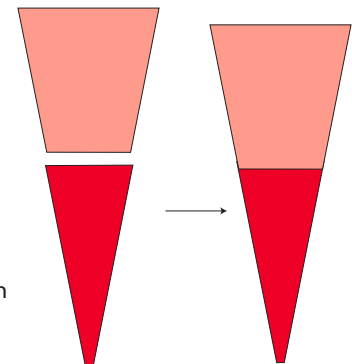


Fig. 4

Sew four fan blades together to create one block, matching the 1/4" intersection at the narrow end and seams. (Fig. 5) Press seams open.

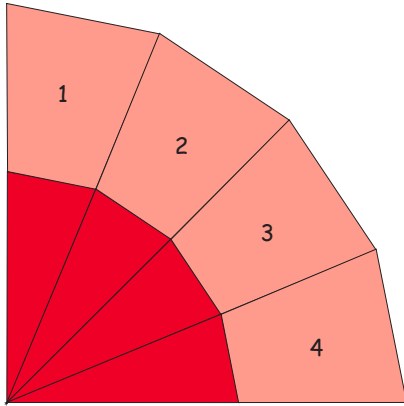
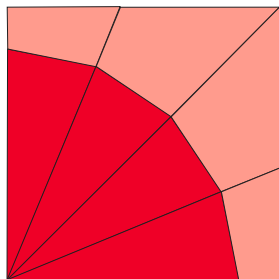
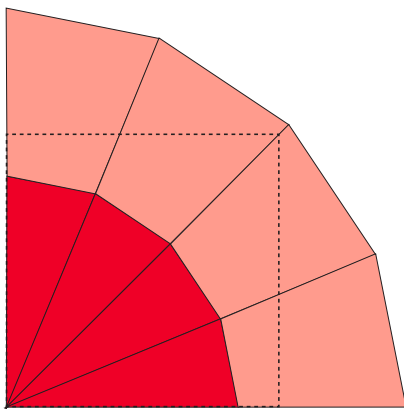


Fig. 5

Use a square ruler to trim the block to 12-1/2".



Spinning Star

Sew two strips together. Make sure they are wide enough to accommodate the desired angle to be cut. The illustration is using Line E to make a 12-1/2" block. Both the background and the star fabric strips are cut to 5-1/2" wide.

Sew the two strips together with a 1/4" seam allowance. To conserve fabric, offset the strips to accommodate the angle. For this illustration, the star fabric was attached to the background fabric about 7" down from the end. Press seams to the darker fabric. Make three strip sets.

Place the ruler on the strip set so that Line E is on top of the seam. Cut around the ruler on both sides and the blunt tip to create a triangle. (Fig. 6)

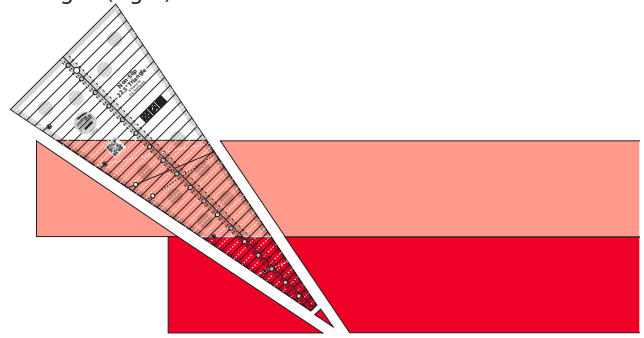


Fig. 6

Rotate the ruler 180° and align Line E on the seam again. Cut around the ruler to create a reverse image triangle. (Fig. 7)

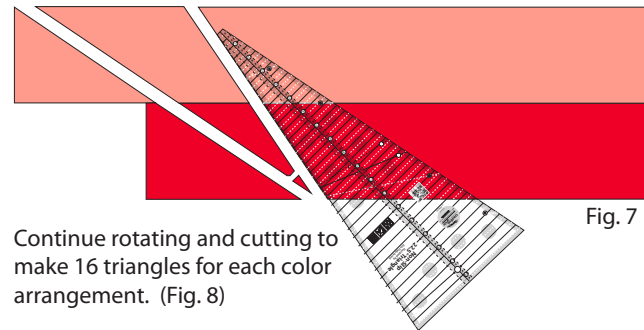


Fig. 7

Continue rotating and cutting to make 16 triangles for each color arrangement. (Fig. 8)

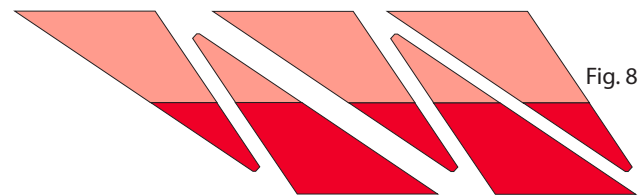


Fig. 8

Sew triangles together in sets of two, matching the 1/4" intersection at the blunt tips. Sew sets of two together to make four. Sew the sets of four together to create a spinning star. Press seams open as you sew. Trim the block to 12-1/2" square keeping the center intersection in the middle of the block. (Fig. 9)

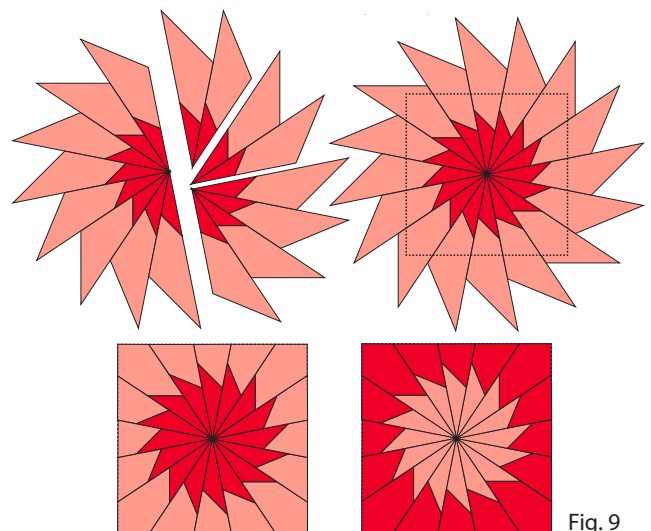


Fig. 9

Dresden Plates

Cut wedges following the instructions for Figures 1 and 2 above. The size of your wedge depends on the size of your finished block. Example: cut wedges from an 11-1/2" wide strip. Align the ruler on the strip between the blunt tip and the 11-1/2" horizontal line to make the cuts.

Fold each wedge in half, right sides together, and sew a 1/4" seam across the wide end. Finger press the seam open and turn the wedge right side out. Align the seam with the center of the wedge and press the points flat to create a fan blade. (Fig 10.)

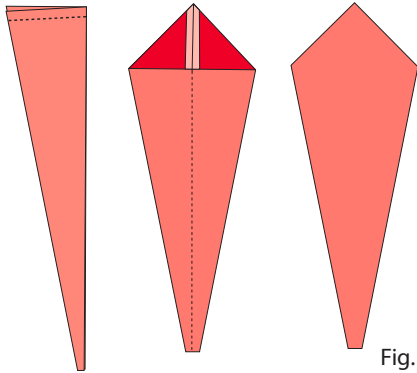


Fig. 10

To make a dresden fan block, sew four fan blades together matching the top edges and 1/4" intersection at the narrow end. Applique the fans to a 12-1/2" background ground square. (Fig 11.)

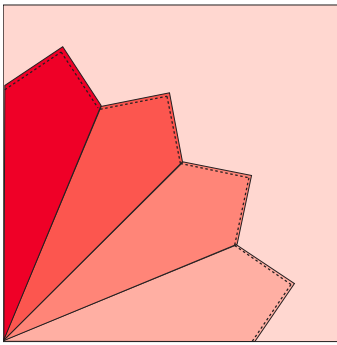


Fig. 11

6" Tumblers

Cut strips 6-1/2" wide by the width of fabric.

For this illustration the ruler is aligned on the strip between the 6" horizontal line and the 12-1/2" line. Cut on both sides of the ruler to create the first tumbler. (Fig. 12)

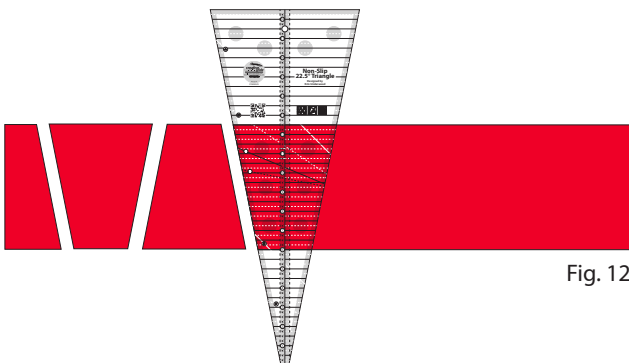


Fig. 12

Rotate the ruler 180° and align the 12-1/2" line on the bottom of the strip and the 6" on top, keeping the angled edge of the ruler on the newly cut angle. Cut again. Continue rotation and cutting until the desired number of tumblers is cut.

To create half tumblers that go on the end of each strip, start with a 6-1/2" square. Cut with the fabric right side up. Align the dotted line just left of the vertical center line of the ruler on the edge of the square. The square should also be between the 6" and 12-1/2" horizontal lines. Cut along the right side of the ruler to create the first half wedge. (Fig. 13)

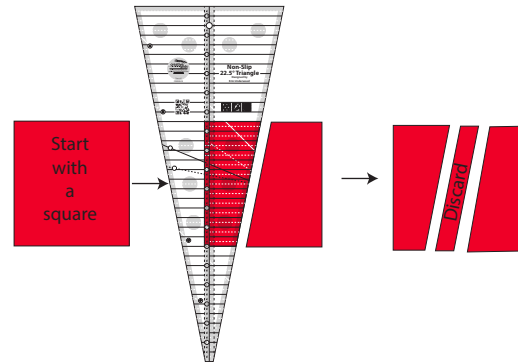


Fig. 13

Rotate the remaining fabric 180° and line it up under the ruler in the same place. Cut again along the right side of the ruler to make the second half wedge.

Make mirror image wedges that lean in the opposite direction by cutting in the same manner but have the fabric wrong side up under the ruler.

Arrange the tumbler and half tumblers in rows. Sew together with a 1/4" seam allowance. For each row, press the seams in the opposite direction from the row above it.

Sew the rows of tumblers together to create a block or quilt top. Press seams open. (Fig. 14)

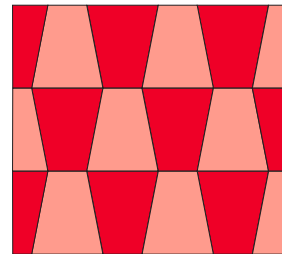


Fig. 14



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