



NON-SLIP Starburst 30° Triangle Ruler

Create intricate 12" finished blocks with no need for paper templates! Sew together twelve 30° triangles to create a complete circle, or use the angles to create a variety of intricate shapes!

Designed by It's Sew Emma

#CGRISE30
Made in USA



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NON-SLIP Starburst 30° Triangle Ruler

Sew together twelve 30° triangles to create a complete circle, six to create a half-circle, or three to create a quarter-circle. Or, use the angles to create intricate 12" finished blocks - no paper templates required!

Aside from cutting simple 30° triangle blocks, this tool can be combined with the Creative Grids® Square rulers to cut and piece an infinite number of stunning sampler blocks.

Cutting

Since the angles are cut on the bias, it is highly recommended that fabrics are heavily starched. Use a 1/4" seam and press seams open unless otherwise indicated.

Basic 30° Triangles (Up to 7")

1. Choose the height of the finished triangle from 1" to 7". (Measure the triangle from top to bottom - not along one side.) Add 1/2" for the seam allowances. For example, if the finished triangle measures 5", cut a strip of fabric 5-1/2" wide from selvage to selvage. Remove selvages.

Basic 30° Triangles (Up to 7" cont.)

2. Place the ruler on the fabric strip, aligning the narrow tip of the ruler with the top edge of the fabric. The bottom edge of the fabric strip should be even with the appropriate marked line on the ruler - in this case 5-1/2". (Fig. 1)

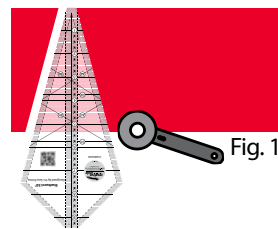


Fig. 1

3. Cut along both sides of the ruler with a rotary cutter.

4. Turn the ruler 180°. Align the side of the ruler with the cut, angled edge of the fabric. Align the top of the ruler with the BOTTOM edge of the fabric. The top edge of the fabric should be even with the appropriate marked line on the ruler - in this case, 5-1/2". (Fig. 2)

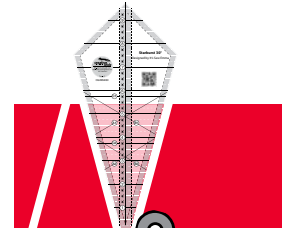
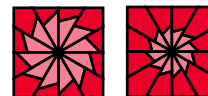


Fig. 2

5. Continue to turn the ruler and position it on the fabric strip, cutting a 30° triangle from the fabric each time.



Basic Spinning Star Block

1. To make a Spinning Star Block using the A1, B1, A2 or B2 lines, cut strips of fabric following the cutting chart below. Piece together to make two strip sets. Press open. Figures illustrate cutting a Large Spinning Star Block with the A1 line.

	Fabric 1	Fabric 2
Large Spinning Star	(2) 5-1/4" by width of fabrics	(2) 5-1/4" by width of fabrics
Small Spinning Star	(2) 6-3/4" by width of fabrics	(2) 3-3/4" by width of fabrics

2. Align the A1 line on the ruler with the seam. Cut around the ruler. (Fig. 3)

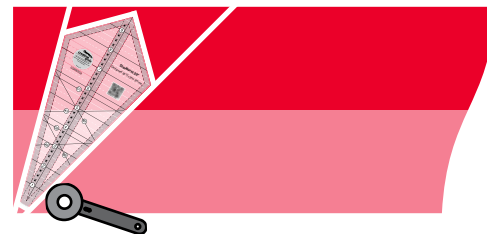


Fig. 3

3. Repeat step 2 until you have cut 12 wedges from the two strip sets. (Fig. 4)

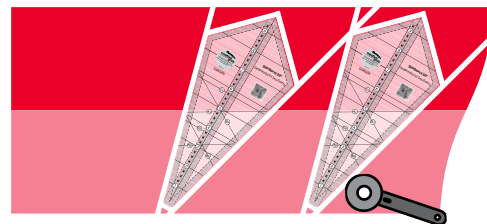


Fig. 4

Basic Spinning Star Block (cont.)

4. Assemble and piece the wedges in quadrants. (Fig. 5)

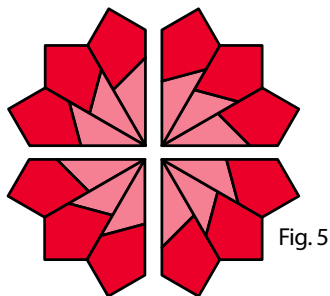
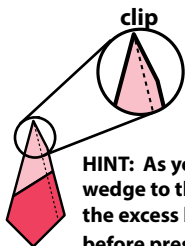


Fig. 5



HINT: As you assemble each wedge to the next, remove the excess bulk at the center before pressing open.

5. Assemble two quadrants together, clip excess bulk and press open. (Fig. 6)

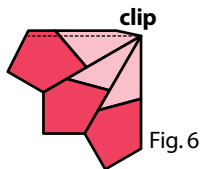


Fig. 6

6. To assemble two half blocks, sew from the center outward. (Fig. 7) (Check to be sure seams match.) If seams match, sew to the other side. Press seam open.

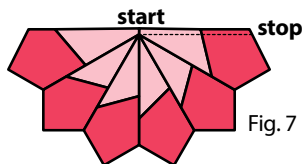


Fig. 7

7. Square up the block with the Creative Grids® 12-1/2" Ruler (CGR12). (Fig. 8)

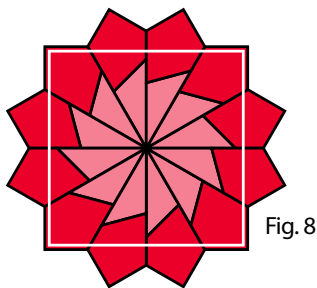
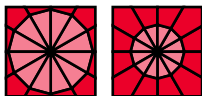


Fig. 8

Dodecagon Block



1. To make a Dodecagon Block using the C1 or C2 lines, cut strips of fabric following the cutting chart below. Piece together to make two strip sets. Figures illustrate cutting a Large Dodecagon Block with the C1 line.

	Fabric 1	Fabric 2
Large Dodecagon	2 - 5" by width of fabrics	2 - 6-3/4" by width of fabrics
Small Dodecagon	2 - 7" by width of fabrics	2 - 4-3/4" by width of fabrics

Dodecagon Block (cont.)

2. Align the C1 line on the ruler with the seam. Cut around the ruler. (Fig. 9)

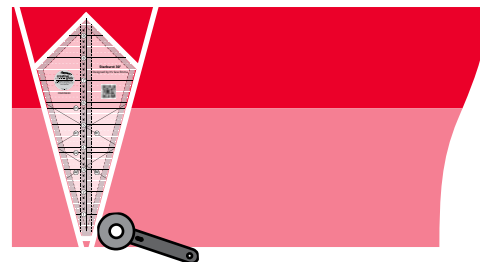


Fig. 9

3. Repeat step 2 until you have cut 12 wedges from the two strip sets. (Fig. 10)

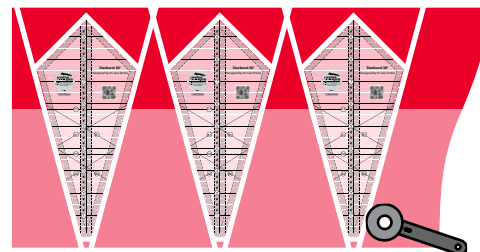


Fig. 10

4. Assemble and piece the wedges in quadrants as previously described for the Basic Spinning Star Block. (Fig. 11)

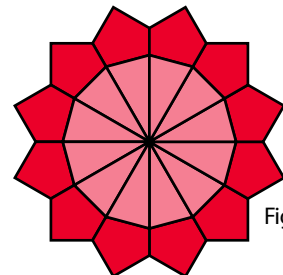


Fig. 11

5. Square up the block with the Creative Grids® 12-1/2" Ruler (CGR12). (Fig. 12)

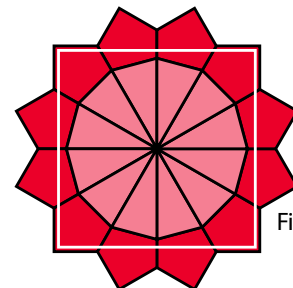


Fig. 12



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