

# NON-SLIP 60° Diamond Ruler

Use this 16½" 60 Degree Diamond Ruler to cut diamonds, triangles, hexagons, parallelograms, trapezoids, and side setting triangles.

**Designed by Krista Moser**

#CGR60DIA

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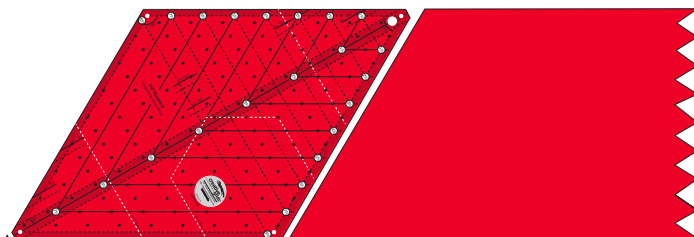
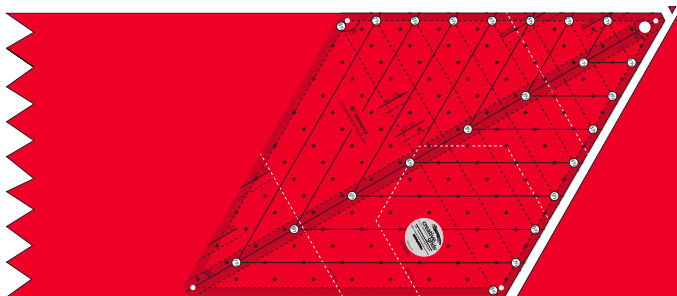
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## NON-SLIP 60° Diamond Ruler

### Cutting 60° Diamonds

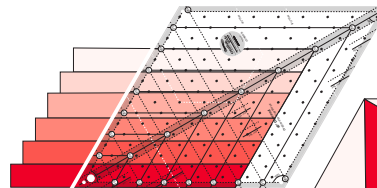
Use the ruler to cut a diamond from a strip (8½" strip illustrated). Align the ruler on the strip and cut along the 60° angled edge of the ruler. Turn the strip 180 degrees so that the 60° fabric edge aligns with the ruler. Make a second cut to create a diamond. Sew six together to create a star.

Repeat this process with various sizes of strips to cut other sizes of diamonds.

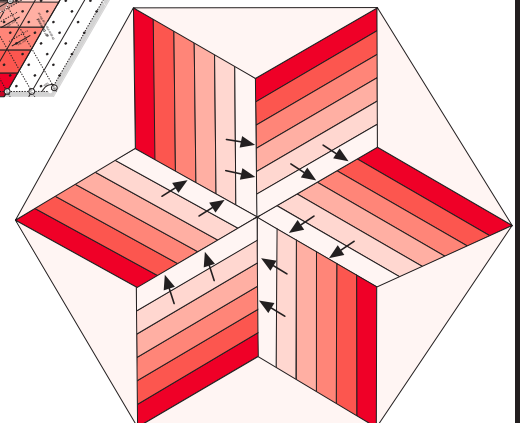


### Cutting Strip Pieced Diamonds

Sew six 1½" strips together to create a strip set. **TIP: Offset the strip when sewing to save fabric - see illustration.** Use the ruler to cut diamonds from these strip sets (6½" diamond illustrated). Line the ruler up on the strip set, making sure the seams are straight with the lines on the ruler. Cut along the 60° angle. Rotate fabric 180 degrees, then line up the cut edge with the 60° edge of the ruler to continue to cut strip-pieced diamonds.



Sew six diamonds together to create one large star. Add Side Setting triangles to make a hexagon.

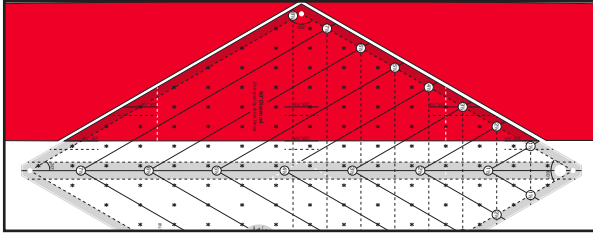


## Cutting 120° Side Setting Triangles

There are two options for cutting Side Setting Triangles. Use the solid black lines (marked 4½" SST and 6½" SST) as a fabric placement guide if you want to cut them to the exact size.

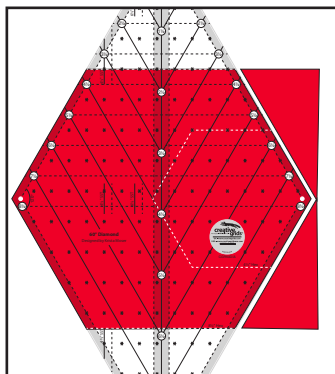
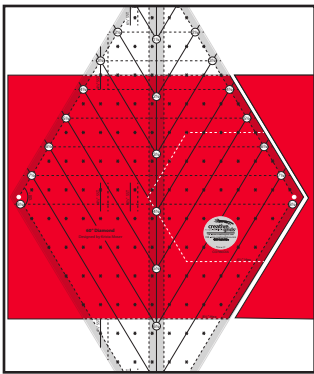
If you prefer to cut them a little oversized so that you can trim them after they have been sewn, use the dashed lines immediately below the marked 4½" SST and 6½" SST indicators.

To cut a 120° triangle, line up the bottom edge of a fabric strip with the appropriate SST marker and the top of the strip with the 120° point of the ruler. (Use a 3" strip of fabric for the 4½" SST; and 3¾" strip for oversized. 6½" SST = 4" strip; and oversized = 4¼")

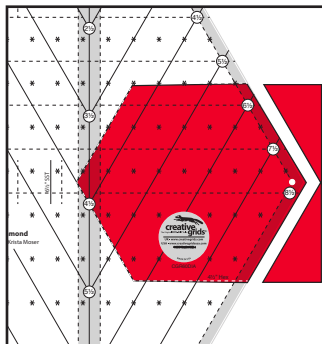
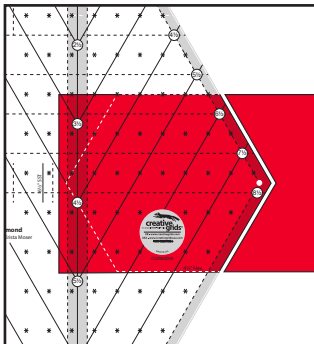


## Cutting Hexagons

Center the strip between the 8½" white dashed hexagon lines and trim the right edges even with the ruler. Turn the cut end around, lining up with the opposite side of the ruler and trim off the square of fabric.

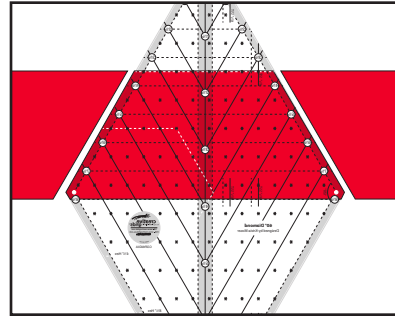


To cut 4½" hexagons, simply start with a 4½" strip. Center the strip between the 4½" hexagon lines and trim the right edges with the ruler. Turn the cut end around, align the hexagon markings, and trim.



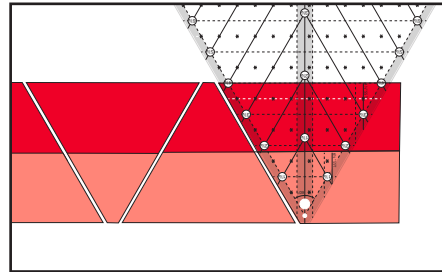
## Cutting Trapezoids

Cut 8½" trapezoids by centering a 4½" strip between the 4" "burr" line and the 8½" horizontal line. These can be combined to look like full hexagons without piecing Y seams.



## Cutting 60° Triangles

Cut any size 60° triangle up to 8½". Cut a strip of fabric the appropriate width (example 4½"). Align the 4½" line on the ruler with the base of the strip. Cut along the angled edge. Rotate the ruler 180 degrees and cut again. Continue rotating the ruler and cutting the angled side until you have the required number of 60° triangles.



## Cutting Parallelograms

Cut parallelograms any size by aligning your chosen size strip under the ruler and trimming off the square end with a 60° angle. Slide the ruler over the strip and align with the appropriate length you need (example 4½"). Notice the 4½" length is supported by a solid line halfway, then the "burr" line is used as a visual alignment reference the rest of the way.

