

Perfect Rectangle Ruler



Use the Perfect Rectangle ruler to cut perfect half rectangles that can be assembled into triangles when the width is one half of the height.

Designed by
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#CGRTMT3
Made in USA



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NON-SLIP Perfect Rectangle Ruler

This triangle is designed to cut perfect half rectangles that can be assembled into rectangles when the width is one half of the height (measuring up to a finished size of 9").

Cutting the Triangles from Strips

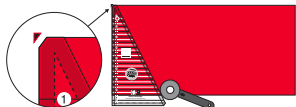
1. Determine the finished size of your rectangle – from 1" to 9". Add ½" for seam allowance. In this example, the finished rectangle measures 4" x 8". Therefore, cut two contrasting fabric strips 8 ½" wide. Place both strips **right side up** on your cutting surface with the raw edges even.

Remove the selvages and straighten the ends of the strip. Line up the bottom edge of the fabric with the marked line on the ruler that is the cut size of the strip.

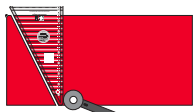
In this example, the strips are cut to a width of 8 ½". Place the 8 ½" line on the ruler on the bottom edge of the fabric strip. The blunt tip of the ruler will line up with the top edge of the fabric.



2. Cut out the triangle, taking care to accurately cut the angle of the clipped tip.



3. Rotate the ruler 180°. Place the ruler on the fabric strip, lining up the blunt tip 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 8 ½". Place the angled side of the ruler on the previous cut angle. Cut out the triangle, taking care to accurately cut the angle of the clipped tip.

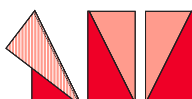


4. Continue to rotate the ruler and position it on the fabric strip to cut the desired number of triangles.

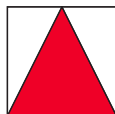
Note: This process will result in half square rectangles that angle in the same direction. If you desire units that angle in the opposite direction, turn your fabric strips over and cut the desired number of units with the wrong side of the fabric facing up.

Sewing the Rectangles

1. Stitch the units together by aligning the pieces with the right sides together. No dog-ear is needed. The clipped angle aligns with the bottom edge of the opposite triangle. Press.



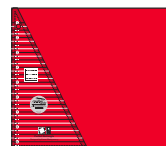
To make Triangle Squared blocks, use the companion ruler #CGRMT2 to cut the center triangle.



Tipped Blocks

Using the CGRTMT3 Perfect Rectangle Ruler

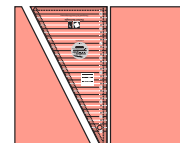
1. Cut a fabric strip the same width as the center square including seam allowance. In this example we will be using a 9" center block. Our strip will be cut 9 ½" including the seam allowance.



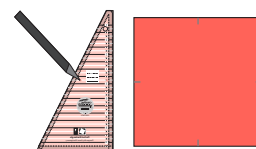
Straighten and remove the selvage from the end of the

strip. If you are cutting multiple layers, all of the fabrics should be face up. This will result in blocks that tip to the left. For blocks that tip to the right, turn the fabric strips over and cut the triangles from the wrong side of the fabric.

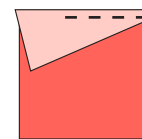
2. Place the ruler on the fabric strip having the line indicating the width of the strip along the bottom edge of the fabric strip and the left side of the ruler even with the trimmed end. Cut the angle. You do not need to cut the clipped tip for this process. Rotate the ruler 180°, matching the cut angle and the blunt tip with the bottom edge of the fabric.



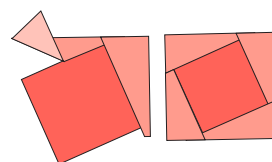
3. Fold the center square in half in both directions and mark the center of all 4 sides. Gently fold the longest edge of the triangle piece in half and mark the center on each of the 4 pieces.



4. With the right sides together, match the center markings of one triangle to the center square. Using a ¼" seam allowance stitch a partial seam from approximately the center toward the smaller end of the triangle. Trim the dog ear. Press the stitched section of the seam toward the triangle.



Add a second triangle to the adjoining side where your stitching ends, stitching the entire seam. Trim the dog ear. Rotate the center block, adding the remaining 2 triangles, pressing all seams toward the triangles. Finish stitching the partial seam. Press.



5. Square up your Tipped Blocks using an appropriate sized square ruler, measuring ¼" from the corners of the center block.

