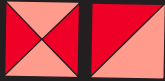




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## Creative Grids® Non-Slip Multi-Size 45°/90° Triangle

This Dual-Purpose Ruler cuts  
Half-Square Triangles and Quarter-  
Square Triangles up to a Finished  
Size of 5" from strips of fabric.

Designed by Rachel Cross

#CGRMS4590  
Made in USA



SEE A DEMO  
SCAN WITH ANY  
QR READER



### About the Ruler

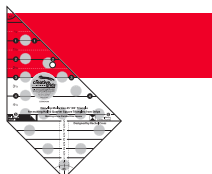
This multi-size 45°/90° Triangle Ruler features a 45° ruler on one end that cuts half-square triangles up to a finished size of 5". All squares and triangles can be cut from the same strips of fabric. The other end features a 90° ruler that cuts quarter-square triangles up to a finished size of 5". The markings on the ruler show the finished size of the square. The seam allowances have been calculated for you.

### Cutting Half-Square Triangles from Strips

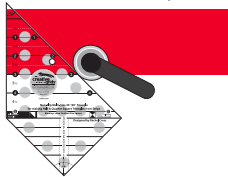
1. Choose the height of the finished half-square triangles – from 1" to 5". Add ½" for the seam allowance. In this example, the finished half-square triangles measure 3" so the fabric strips are cut 3 ½" from selvage to selvage.

Remove the selvages and straighten the ends of the strips. Place the straight edge of the 45° Triangle Ruler on the fabric strip even with the straightened end. Line up the bottom edge of the fabric with the marked line on the ruler that is the finished size of the half-square triangles. (The markings on the ruler calculate the seam allowance for you.)

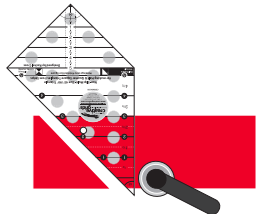
In this example, the strips are cut to a width of 3 ½" to cut a half-square triangle that finishes to 3", so place the 3" line on the ruler on the bottom edge of the fabric. The dashed line on the tip of the ruler will line up with the top edge of the fabric.



2. Cut along the diagonal edge of the ruler with a rotary cutter.

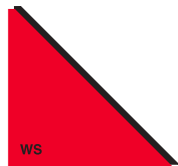


3. Rotate the ruler 180°. Line up the ruler with the cut edge of the fabric and the top and bottom of the strip as described in Step 1. Cut along the vertical edge of the ruler.



4. Continue to rotate the ruler and position it on the fabric strip to cut a series of half-square triangles. Several layers of fabric can be cut at once.

To speed up the sewing process, place strips of two chosen fabrics – right sides together. Cut the triangles from both fabrics at once. The cut triangles will be paired, matched, and ready to sew.



(To view a video demonstration of this ruler, visit our website at: [www.creativegridsusa.com](http://www.creativegridsusa.com).)

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5. Stitch the triangles together along the diagonal edge with a scant ¼" seam allowance. Open the half-square triangle and press the seam to one side.



The completed half-square triangles can be combined with squares cut from the same width of fabric strips.

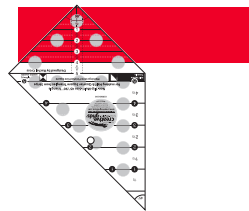
### Cutting Quarter-Square Triangles from Strips

1. Choose the height of the finished 90° triangles – from 1" to 2 ½". Add ½" for the seam allowances. In this example, the finished 90° triangles measure 2" so the fabric strips are cut 2 ½" from selvage to selvage.

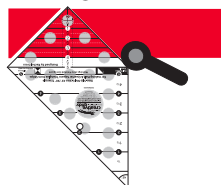
Four 90° triangles are sewn together to make a quarter-square triangle so the finished size of the quarter-square triangle will be twice the finished height of the 90° triangles. In this case four 90° triangles cut from 2 ½" strips will make a 4" finished quarter-square triangle. (The markings on the ruler calculate the seam allowance for a quarter-square triangle for you.)

Remove the selvages and straighten the ends of the strips. Line up the bottom edge of the fabric with the marked line on the ruler that is the finished size of the quarter-square triangles.

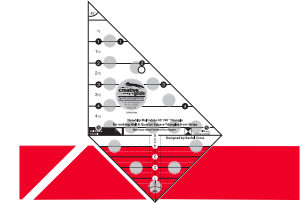
In this example, the strips are cut to a width of 2 ½" to cut a quarter-square triangle that finishes to 4", so place the 4" line on the ruler on the bottom edge of the fabric strip. The dashed line on the tip of the ruler will line up with the top edge of the fabric.



2. Cut along the diagonal edges of the ruler with a rotary cutter. (The end triangle can be trimmed to a 45° triangle.)



3. Rotate the ruler 180°. Place the ruler on the fabric strip, lining up 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 4". Place the side of the ruler on the cut, angled edge of the fabric. Cut along the diagonal edge of the ruler.



4. Continue to rotate the ruler and position it on the fabric strip to cut a series of 90° triangles. If several strips are layered, multiple triangles can be cut at the same time.

To speed up the sewing process, place strips of two chosen fabrics – right sides together. Cut the triangles from both fabrics at once. The cut triangles will be paired, matched, and ready to sew.



5. Sew two 90° triangles together along the diagonal to create a half-square triangle.



Sew these two half-square triangles together to form a quarter-square triangle.



**Tube Cutting:** To speed up the sewing process, try sewing two strips - right sides together - to form a tube. Then cut out the triangles. Unpick the top two or three stitches at the point of the triangles and flip open. The 45° triangle will create a partial pre-sewn quarter square triangle and the 90 degree triangle will create a half-square triangle. The outer edges will now be on the bias, so sew carefully.