



45° Half-Square Triangle

This 45° triangle cuts half-square triangles up to a finished size of 8". Since the tip is trimmed, all squares and triangles can be cut from the same strips of fabric.

Designed by Rachel Cross

#CGRT45 Made in USA



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Cutting Half-Square Triangles from Strips

1. Choose the height of the finished half-square triangles – from 1" to 8". Add $\frac{1}{2}$ " for the seam allowance. In this example, the finished half-square triangles measure 5" so the fabric strips are cut $5\frac{1}{2}$ " 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 cut size of the half-square triangles.

In this example, the strips are cut to a width of $5\frac{1}{2}$ " to cut a half-square triangle that finishes to 5", so place the $5\frac{1}{2}$ " line on the ruler on the bottom edge of the fabric. The blunt 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.

5. Stitch the triangles together along the diagonal edge with a scant $\frac{1}{4}$ " 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.

