

Instructions for using the Precision Flying Geese & HST Ruler

by Kimberly Einmo

You can use the **Precision Flying Geese & HST Ruler** to make 10 sizes of flying geese units and 10 sizes of half-square triangle units.

To make Flying Geese units:

1. Determine the *finished size* of the flying geese units you wish to make.
2. Cut fabric strips $\frac{1}{2}$ " wider than the finished *width* of your flying geese unit (see chart).

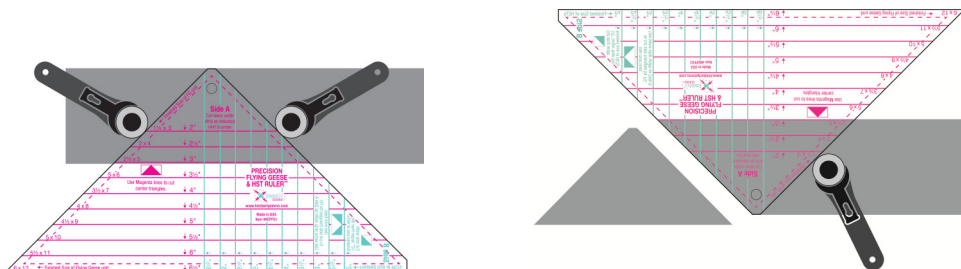
Finished size of Flying Geese units	Side A (Center triangle) Cut strips	Side B (Side triangles) Cut strips
1½" x 3"	2" wide	2" wide
2" x 4"	2½" wide	2½" wide
2½" x 5"	3" wide	3" wide
3" x 6"	3½" wide	3½" wide
3½" x 7"	4" wide	4" wide
4" x 8"	4½" wide	4½" wide
4½" x 9"	5" wide	5" wide
5" x 10"	5½" wide	5½" wide
5½" x 11"	6" wide	6" wide
6" x 12"	6½" wide	6½" wide

NOTE: If you are right-handed, position the fabric strips to your right and cut along the strips from left to right. If you are left-handed, position the fabric strips to your left and cut from right to left.

To cut the center (A) triangles:

1. Layer 2–4 fabric strips on a cutting mat. (More than 4 layers can cause slippage and result in loss of cutting accuracy.) Align the top edge of **Side A (pink)** of the **Precision Flying Geese & HST Ruler** with the top edge of the strips. The bottom edge will align with the corresponding measurement on the ruler, with the finished size printed along the left edge of the ruler.
2. Use your rotary cutter to cut the fabric on both sides of the ruler.
3. Rotate the ruler 180 degrees (don't flip it over) and align it with the diagonally cut edge of the fabric as shown.
4. Use your rotary cutter to make the next cut. Repeat, rotating the ruler 180 degrees along the remaining fabric to cut the desired number of center A triangles (Diagram A).

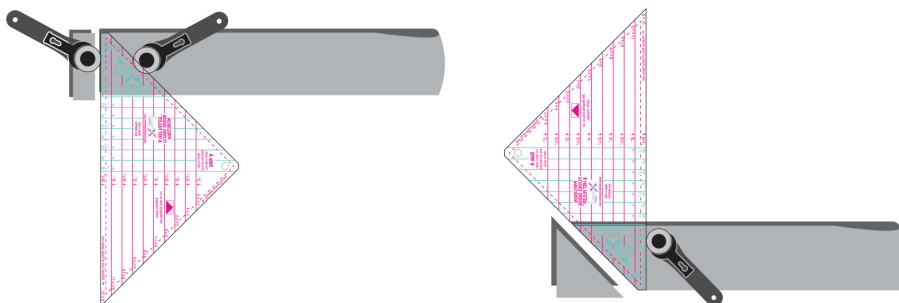
Diagram A



To cut the side (B) triangles:

1. To cut mirror-image, B triangles, place two strips right or wrong sides together and cut as shown in Diagram B. **NOTE:** If you only need a few B triangle pairs, fold one strip in half and cut as directed.
2. Use **Side B (mint green)** of the **Precision Flying Geese & HST Ruler** and align the top edge of the ruler with the top of the strip-pair. The bottom of the strip-pair will align with the corresponding measurement on the ruler. Use your rotary cutter to cut the fabric on both sides of the ruler.
3. *Rotate* the ruler 180 degrees (remember, don't flip it over) and align it with the diagonally cut edge of the fabric as shown. Make the next cut.
4. Repeat the process, rotating the ruler 180 degrees after each cut along the remaining strip-pair to cut the desired number of B triangle pairs (Diagram B).

Diagram B



Flying Geese Assembly

1. Match the blunt point of the A triangle to the blunt point of the B triangles and the center triangle points to the pointed ends of the B triangles as shown (Diagram C).
2. Place a B triangle right sides together (RST) on top of the A triangle and stitch $\frac{1}{4}$ " from the tip of the blunt point to bottom of the triangle.
3. Press the seam allowance away from the A triangle before adding the next B triangle.
4. Place the second B triangle RST on top of the A triangle and stitch a $\frac{1}{4}$ " seam.
5. Press the seam allowance away from the A triangle.
6. Trim the dog ears.

Diagram C



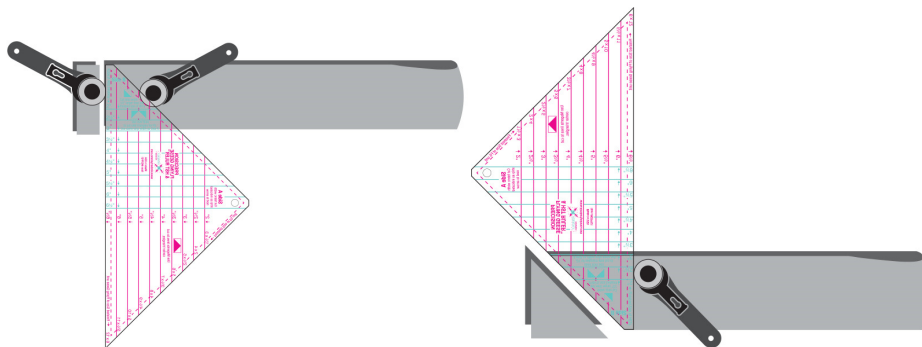
To make Half-Square Triangles (HSTs):

Finished size of Half-square Triangles	Side B (Side triangles) Cut strips:
$1\frac{1}{2}$ " x 3"	2" wide
2" x 4"	$2\frac{1}{2}$ " wide
$2\frac{1}{2}$ " x 5"	3" wide
3" x 6"	$3\frac{1}{2}$ " wide
$3\frac{1}{2}$ " x 7"	4" wide
4" x 8"	$4\frac{1}{2}$ " wide
$4\frac{1}{2}$ " x 9"	5" wide
5" x 10"	$5\frac{1}{2}$ " wide
$5\frac{1}{2}$ " x 11"	6" wide
6" x 12"	$6\frac{1}{2}$ " wide

To cut the HST units:

1. Layer two strips, rights sides together, and trim the selvage (or raw) ends.
2. Use **Side B** of the **Precision Flying Geese & HST Ruler** and align the top edge of the ruler with the top edge of the strip-pair and align the long edge with the trimmed ends. The bottom edge of the strip-pair will align with the corresponding measurement on the ruler. Use your rotary cutter to cut the fabric as shown.
3. *Rotate* the ruler 180 degrees (remember, don't flip it over) and align it with the diagonally cut edge of the strip-pair. Make the next cut. Repeat the process, rotating the ruler 180 degrees after each cut along the remaining strip-pair to cut the desired number of B triangle pairs (Diagram B).

Diagram B



Half-Square Triangle Assembly

1. Align the blunt with blunt and sharp with sharp pointed ends of two B triangles. Sew along the diagonal with a $\frac{1}{4}$ " seam. Press toward the darker triangle (Diagram D).

Diagram D

