

Stack-n-Whack®

KYOTO FANS

by Bethany S. Reynolds



The traditional fan block gets an elegant new look when it's designed for diamond-shaped blocks! Queen and Throw sizes are included in this pattern.

Use the **Stack-n-Whack® 15° Fan Ruler** to cut the wedges for this quilt, and refer to the instructions included with the ruler for some of the piecing and edge-finishing techniques.

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Yardage Requirements		
Main Print, for Stack-n-Whack® Fan Blocks (See note on Second Border yardage)	5 yards for lengthwise repeats of 6" - 10" 3½ yards for lengthwise repeats of 11" - 14" 4¼ yards for lengthwise repeat lengths of 15" - 17" 6¾ yds for lengthwise repeat lengths of 18" - 27" 8 repeats for repeat lengths over 27"	
Additional Fabric	Queen Size: 93" x 102"	Throw Size: 62" x 75"
Background	7¾ yards	3¼ yards
First and Third (Queen only) Border	3 yards (seamless) or 1¾ (pieced)	¾ yard (pieced)
Second Border	2¾ yards (seamless) or 1¾ yards (pieced)*	2 yards (seamless) or 1 yard (pieced)*
Edge Trim for Fans	½ yard, or 2 rolls of fusible folded-edge bias tape	½ yard, or 1 roll of fusible folded-edge bias tape
Binding (cut 2½" wide)	7/8 yard	5/8 yard
Backing	9 yards	

*For repeats **over 18" only** on the Queen size, and for **all** repeat lengths on the Throw, the Main Fabric yardage includes the second border. If you would like to use a different fabric, this is the yardage you will need, but don't reduce the main fabric yardage.

Cutting the Fan Wedges

Prepare the main fabric and make an eight-layer stack, following the instructions in any of Bethany Reynolds' books, or download instructions at: www.bethanyreynolds.com/downloads/SnW_Basics.pdf and follow the instructions included with the Stack-n-Whack® 15° Fan Ruler for cutting the fan wedges.

Stack-n-Whack Chart for Queen Quilt		
Cut layers 21" wide (half width). Cut 8 identical layers.		
If the lengthwise design repeat is:	Use this many design repeats:	Make this many stacks:
6" - 10"	Two repeats per layer	2
11" - 18"	One repeat per layer	2
Over 18"	One repeat per layer	1

Whack...	To Make...
(2) 9" strips across the width	(18) 15° wedge block kits (9 per strip)

Stack-n-Whack Chart for Throw Quilt

Cut layers 21" wide (half width). Cut 8 identical layers.

If the lengthwise design repeat is:	Use this many design repeats:	Make this many stacks:
6" - 10"	Two repeats per layer	1
11" - 18"	One repeat per layer	1
Over 18"	One repeat per layer	1

Whack...	To Make...
(1) 9" strip across the width	(8) 15° wedge block kits

Cutting the Background Fabric

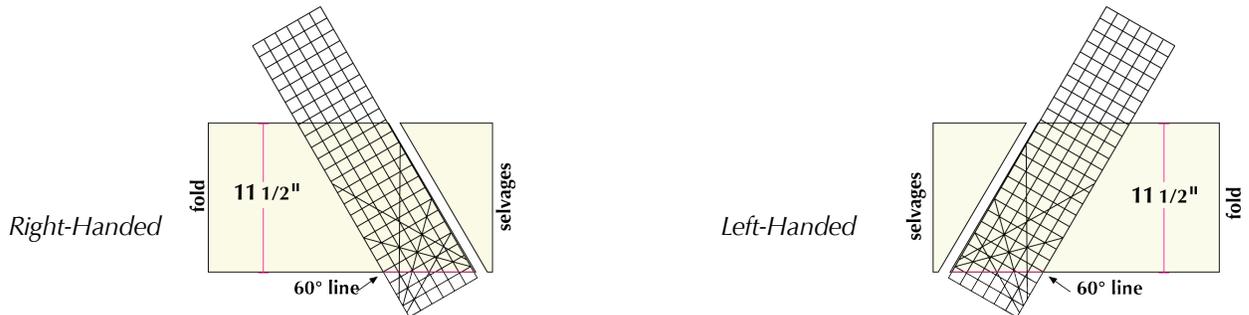
Cut 60° diamonds and side triangles, following the illustrations below.

For the **Queen Quilt**, cut (14) 11½" strips across the width of the background fabric. From these, cut (28) 60° diamonds and (7) pairs of side triangles. (You will need more, but cut only 14 strips for now. See additional cutting requirements under the Assembly section.)

For the **Throw Quilt**, cut (8) 11½" strips across the width of the background fabric. From these, cut (15) 60° diamonds and (5) pairs of side triangles.

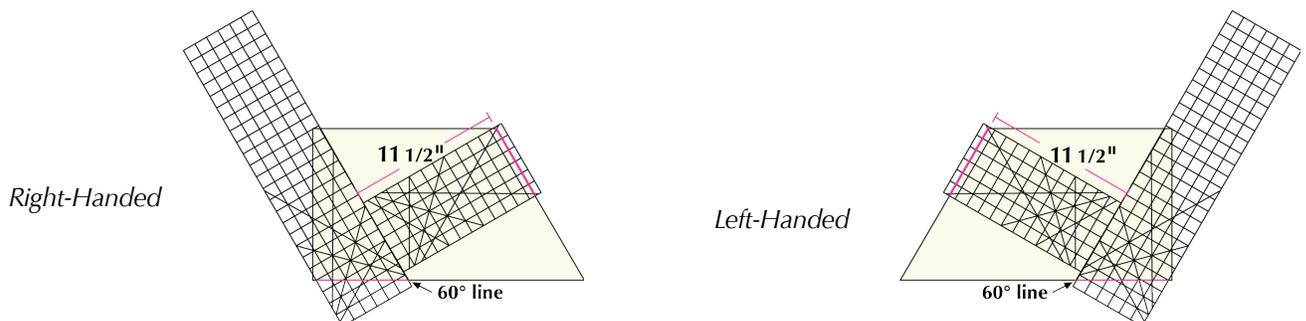
Leave the 11½" strips folded. To cut the diamonds, place the 60° line of the ruler on one end of the strip, far enough in to avoid the selvages, and cut as shown in Figure A.

Figure A



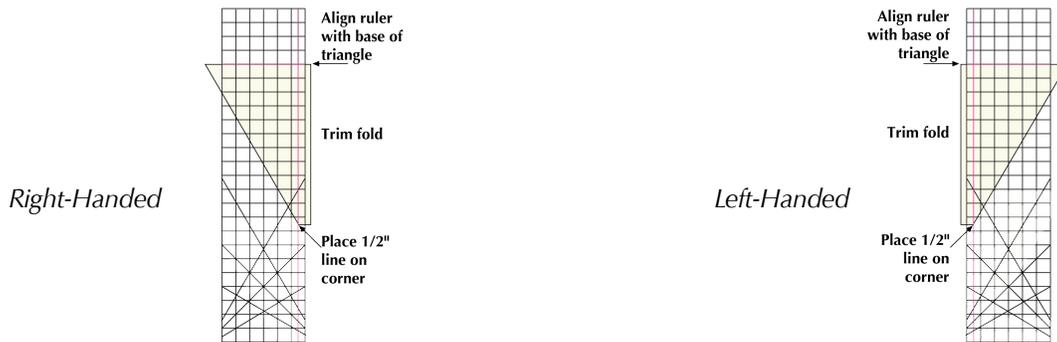
To cut the other side of the diamond, you will need a second ruler, which can be square or rectangular, as long as it is at least 11½" in one dimension. Place the second ruler on the fabric so that its 11½" line is on the angled cut edge. Butt the first ruler against the second, as shown in Figure B, placing the 60° line on the bottom edge of the strip. Hold the first ruler in place, nudge the second ruler out of the way, then cut the 60° angle to complete the diamond.

Figure B



Cut the side triangles from the remaining strips at the fold. Turn the folded piece so that the triangle base is at the top, as shown in Figure C. Align one of the crosswise lines of the ruler with the base of the triangle. Place the ruler's 1/2" line so that it crosses the corner at the lower edge of the triangle, as shown. Trim away the folded edge. This makes one pair of side triangles.

Figure C



Making the Fans

Piece the 8-wedge fans, following the instructions with the Stack-n-Whack® 15° Fan Ruler.

To finish the edges with flat fabric bias trim, cut an 18" wide strip across the width of the edge trim fabric, and cut one 1" bias strip for each fan, plus a few extras for the bases. See the illustrated instructions with the 15° Fan Ruler. Sew the bias trim to the outer edge as directed. Finish the inner edge in the same fashion.*

Place each fan on background diamond, lining up the raw edges. Appliqué the fans to the background diamonds, using your preferred method.

Or, if you are using fusible bias tape, baste the fans to background diamonds, 1/8" from the curved edges of the fan. Follow the manufacturer's instructions to fuse the bias trim to the fan so it covers the edge and the stitching line. Use a blanket stitch, straight stitch, or blind hem stitch to sew the bias trim close to both edges.

Assembling the Queen Quilt

Cut the remaining background pieces in order, as follows:

Cut (1) 13" x 80" lengthwise strip. From this, cut (3) 2½" x 80" strips for the top and side setting strips, and (1) 4½" x 80" strip for the bottom setting strip.

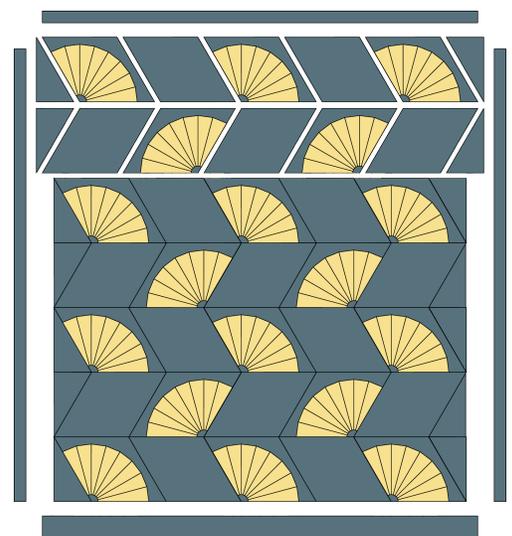
From the remaining width (about 29"), cut (7) 11½" strips across the width.

Cut (7) 60° diamonds (one from each unfolded strip).

Arrange the fan blocks and setting diamonds and triangles, following the Queen Quilt Assembly Diagram. Sew the diagonal seams in each row, then sew the rows together.

Measure the quilt top down the center and cut two 2½" strips this length. Sew these to the sides of the quilt.

Measure the top across the width and cut the two remaining background fabric strips to this length. Sew the 2½" strip to the top, and the 4½" strip to the bottom of the quilt.



Assembly Diagram—Queen Quilt

*If you prefer, use the Stack-n-Whack® Circle Buddies template to add a fabric base to the fan after basting the fan to the background diamond.

Adding the Borders

For the first and third borders, cut (18) 3" strips across the width and piece them to make one long strip, or cut (4) 3" x 85" and (4) 3" x 99" lengthwise strips.

For the second border, cut (9) 5" strips across the width and piece them to make one long strip, or cut (4) 5" x 90" lengthwise strips.

Measure the quilt top down the center and cut two strips this length for the first border. Sew the borders to the two opposite sides.

Measure across the width in the center of the quilt, and cut two borders this length. Sew them to the two remaining sides. Repeat for the second and third borders.

Layer, quilt and bind.

Assembling the Throw Quilt

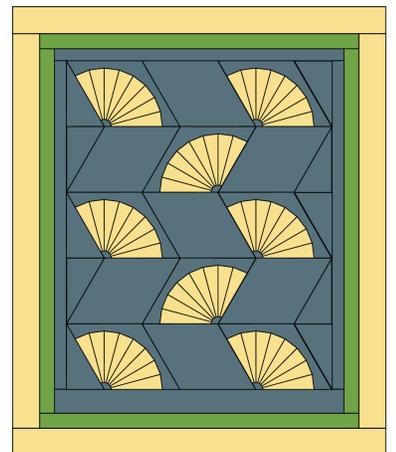
Arrange the fan blocks and setting diamonds and triangles, following the Throw Quilt Assembly Diagram. Sew the diagonal seams in each row, then sew the rows together.

From the remaining background fabric, cut (4) 2½" strips across the width. Piece these into one long strip for the top and side setting strips.

Cut (2) 4½" strips across the width. Piece these into one long strip for the bottom setting strip.

Measure the quilt top down the center and cut two 2½" strips this length. Sew these to the sides of the quilt.

Measure the top across the width and cut the two remaining background fabric strips to this length. Sew the 2½" strip to the top, and the 4½" strip to the bottom of the quilt.



Assembly Diagram—Throw Quilt

Adding the Borders

For the first border, cut (6) 3" strips across the width and piece them to make one long strip.

For the second border, cut (4) 5" x 65" lengthwise strips, or cut (6) 5" strips across the width and piece them to make one long strip.

Measure the quilt top down the center and cut two strips this length for the first border. Sew the borders to the two opposite sides.

Measure across the width in the center of the quilt, and cut two borders this length. Sew them to the two remaining sides. Repeat for the second border.

Layer, quilt and bind.