

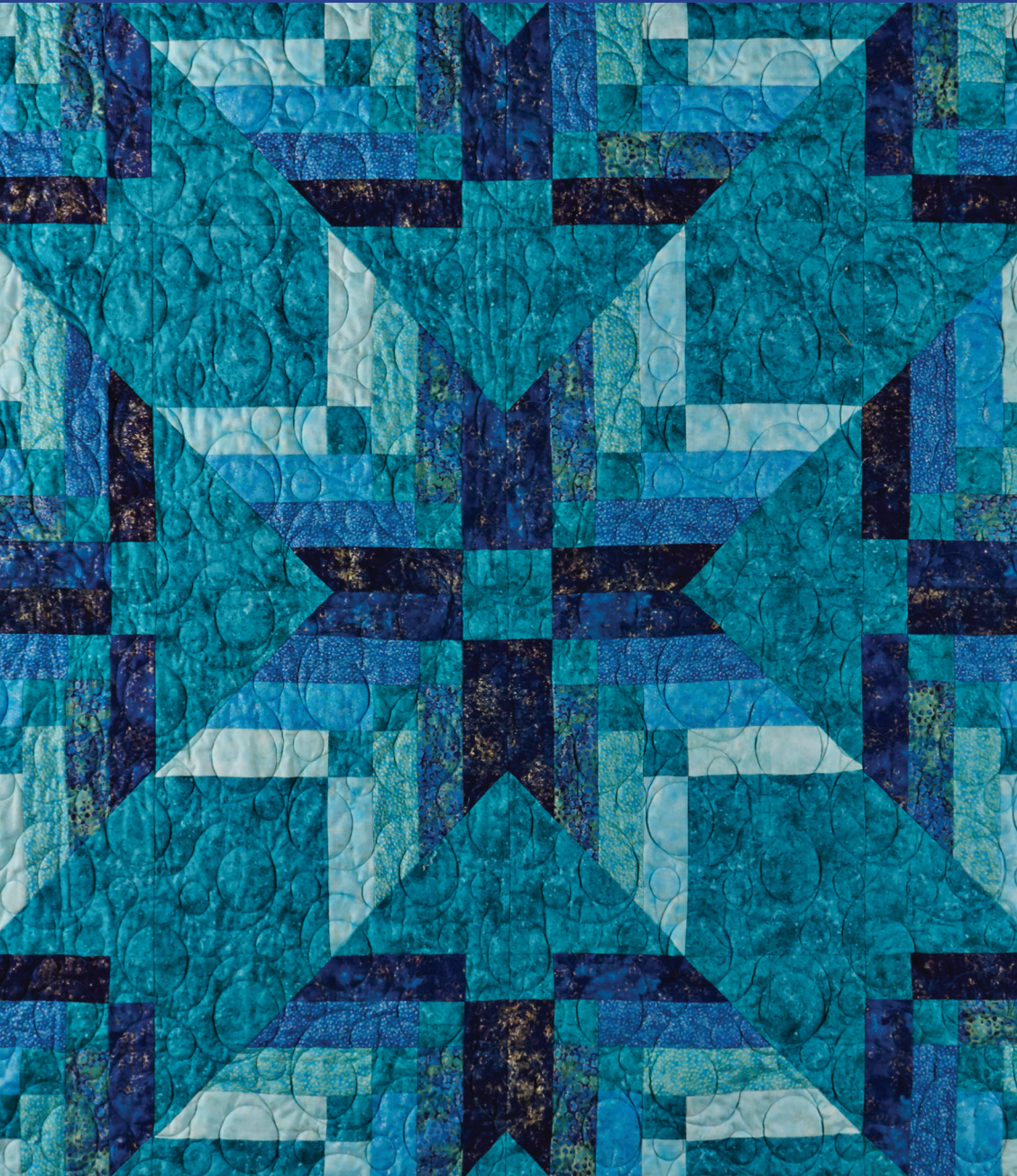


MISSOURI STAR
— QUILT CO. —

BINDING TOOL STAR

quilt pattern for 2½" strips & 5" squares

77" x 77"



BINDING TOOL STAR

I love when a tool is so versatile it serves two purposes. On one hand, the *Binding Tool* puts the perfect finish on all your quilts, and on the other hand, it makes the quilt top tool! What looks complicated is really a piece of cake—and gorgeous to boot!

1 cut & sort

From the background fabric, cut:

- (4) $8\frac{1}{2}$ " strips across the width of the fabric. Subcut each strip into (4) $8\frac{1}{2}$ " squares, for a **total of (16) $8\frac{1}{2}$ "** background squares.
- (4) $2\frac{1}{2}$ " strips across the width of the fabric. Subcut each strip into (16) $2\frac{1}{2}$ " squares for a **total of (64) $2\frac{1}{2}$ "** print squares for the cornerstones.
- (4) $8\frac{7}{8}$ " strips across the width of the fabric. Subcut each strip into (4) $8\frac{7}{8}$ " squares. Subcut each of these squares in half on the diagonal to create a **total of (32) $8\frac{7}{8}$ "** triangles.

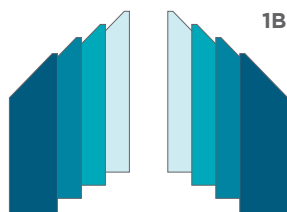
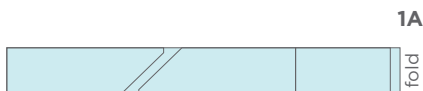
From the $2\frac{1}{2}$ " print strips, select 8 each of 4 different values: dark, medium, medium-light and light. Keep the strips folded in half.

From each folded $2\frac{1}{2}$ " print strip, cut out 2 Binding Tool shapes and (1) $2\frac{1}{2}$ " x 5" rectangle. **Tip:** To fit all of the shapes on a folded strip, the Binding Tool can be turned 180° to cut the second shape. **1A**

Each strip will yield 2 pairs of Binding Tool shapes—1 left-angled and 1 right-angled shape in each pair, plus (2) $2\frac{1}{2}$ " x 5" rectangles.

Group sets of 1 angled pair of each of the 4 color values.

Make 16 sets. 1B



Set the remaining print strips aside for another project.

Set (1) 5" print square aside for another project. Cut each remaining 5" print square in half to create (2) $2\frac{1}{2}$ " x 5" rectangles from each. Add these to your previously cut rectangles for a **total of (146)** $2\frac{1}{2}$ " x 5" print rectangles. Set these aside for the piano border.

2 build the block

Take 1 set of 4 angled pairs. Using a $\frac{1}{4}$ " seam allowance, sew a $2\frac{1}{2}$ " cornerstone to the blunt end of each left-angled shape to make an angled unit. Press towards the cornerstone. **2A**

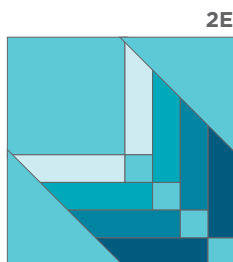
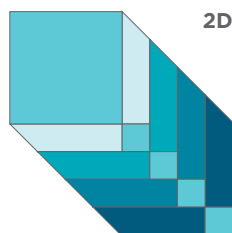
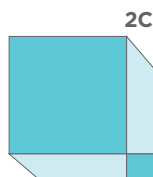
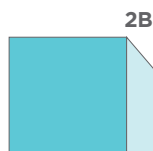
Add a light right-angled shape to an $8\frac{1}{2}$ " background square as shown. Press toward the square. **2B**

Select a same-print angled unit and add it to the bottom of the unit, as shown, nesting the seams as you sew. **2C**

Continue in this fashion adding 4 prints—light to dark to both sides of the square. **2D**

Attach an $8\frac{7}{8}$ " background triangle to either side of the block. Make dog ears at the $\frac{1}{4}$ " seam allowance. Press towards the outside. Repeat with the remaining sets to **make 16** blocks. Square each block to $16\frac{1}{2}$ ". **2E**

Block Size: $16\frac{1}{2}$ " unfinished, 16" finished



3 arrange & sew

Arrange the blocks into **4 rows** of **4 blocks** as shown in the diagram on page 5. Sew the blocks together to form the rows. Press the seams of the odd-numbered rows to the right and the seams of the even-numbered rows to the left. Sew the rows together to complete the center of the quilt.

4 inner border

From the inner border fabric, cut (7) $2\frac{1}{2}$ " strips across the width of the fabric. Sew the strips end-to-end to create 1 long strip. Trim the borders from this strip.

Refer to Borders (pg.6) in the Construction Basics to measure and cut the border. The strips are approximately $64\frac{1}{2}$ " for the top and bottom and approximately $68\frac{1}{2}$ " for the sides.

5 piano border

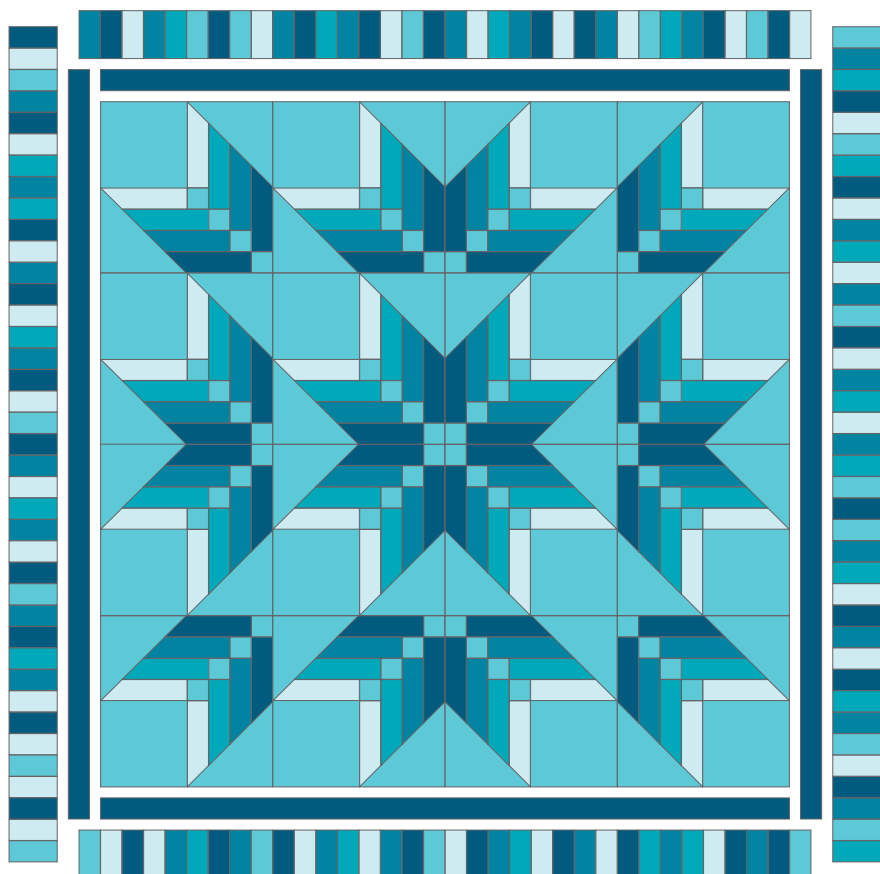
Taking the $2\frac{1}{2}$ " x 5" print rectangles set aside earlier, piece (34) $2\frac{1}{2}$ " x 5" rectangles together along the long edges, being sure that no 2 similar prints are touching. Press all the seams in the same direction. **Make 2.**

Measure the quilt top width and cut the pieced borders to that size. Attach to the top & bottom of the quilt. Press to the inner border.

Repeat the same process, but use 39 rectangles for each side border. Measure and cut the borders to size. Attach and press to the inner border.

6 quilt & bind

Layer the quilt top with batting and backing and quilt. After the quilting is complete, square up the quilt and trim away all excess batting and backing. Add binding to complete the quilt. See Construction Basics (pg. 6) for binding instructions.



additional resources

visit our online store:

contact us via email:

come see us:

check out our video tutorials:

www.missouriquiltco.com

info@missouriquiltco.com

114 north davis street

hamilton, missouri 64644

youtube.com/missouriquiltco

Construction Basics

general quilting

- All seams are $\frac{1}{4}$ " unless directions specify differently.
- Precuts are not prewashed, so do not prewash other fabrics in the project.
- Remove all selvages.

press seams

- Set the temperature of the iron on the cotton setting.
- Set the seam by pressing it just as it was sewn, right sides together.
- Place the darker fabric on top, lift, and press back.
- Press seam allowances toward the borders unless directed otherwise.

borders

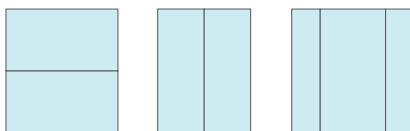
- Always measure the quilt top in 3 different places vertically before cutting side borders.
- Start measuring about 4" in from the top and bottom.
- Take the average of those 3 measurements.
- Cut 2 border strips to that size. Piece strips together if needed.
- Attach 1 to either side of the quilt. Position the border fabric on top as you sew to prevent waviness and to keep the quilt straight.
- Repeat this process for the top and bottom borders, measuring the width 3 times. Include the newly attached side borders in your measurements.

backing

- Measure the quilt top vertically and horizontally. Add 8" to both measurements to make sure

you have an extra 4" all the way around to make allowance for the fabric that is taken up in the quilting process as well as having adequate fabric for the quilting frame.

- Trim off all selvages and use a $\frac{1}{2}$ " seam allowance when piecing the backing. Sew the pieces together along the longest edge. Press the seam allowance open to decrease bulk.
- Use horizontal seams for smaller quilts (under 60" wide), vertical seams for larger quilts.
- Don't hesitate to cut a length of fabric in half along the fold line if it means saving fabric and makes the quilt easier to handle.
- Choose a backing layout that best suits your quilt. Note: Large quilts might require 3 lengths.



binding

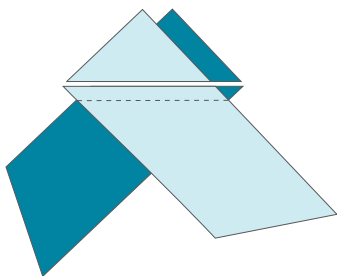
find a video tutorial at: www.msqc.co/006

- Use $2\frac{1}{2}$ " strips for binding.
- Sew strips together end-to-end into 1 long strip using diagonal seams, a.k.a. plus sign method (next page). Press seams open.
- Fold in half lengthwise with wrong sides together and press.
- The entire length should equal the outside dimension of the quilt plus 15" - 20".

plus sign method

find a video tutorial at: www.msqc.co/001

- Lay 1 strip across the other as if to make a plus sign right sides together.
- Sew from top inside to bottom outside corners crossing the intersections of fabric as you sew. Trim the excess fabric $\frac{1}{4}$ " away from the sewn seam.
- Press seam(s) open.



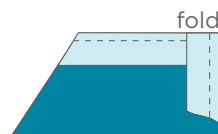
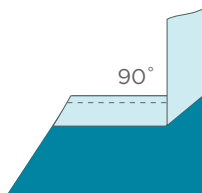
attach binding

- Match raw edges of the folded binding to 1 edge of the top of the quilt.
- Leave a 10" tail at the beginning.
- Use a $\frac{1}{4}$ " seam allowance.
- Start sewing in the middle of a long straight side.

miter corners

- Stop sewing $\frac{1}{4}$ " before the corner.
- Move the quilt out from under the presser foot.
- Flip the binding up at a 90° angle to the edge just sewn.
- Fold the binding down along the next side to be sewn, aligning raw edges.

- The fold will lie along the edge just completed.
- Begin sewing on the fold.



close binding

- Stop sewing when you have 12" left to reach the start.
- Where the binding tails come together, trim excess leaving only 2½" of overlap.
- Pin or clip the quilt together at the 2 points where the binding starts and stops to take the pressure off of the binding tails.
- Use the plus sign method to sew the 2 binding ends together, except this time, match the edges. Using a pencil, mark your sewing line and stitch.
- Trim off excess; press the seam open.
- Fold in half with wrong sides together and align all raw edges to the quilt top.
- Sew this last binding section to the quilt. Press.
- Turn the folded edge of the binding around to the back of the quilt and tack in place with an invisible stitch or machine stitch.

Binding Tool Star

PAT932

SAMPLE QUILT

Artisan Spirit Blue Lagoon by Stonehenge for Northcott Fabrics

QUILT SIZE

77" x 77"

BLOCK SIZE

16½" unfinished, 16" finished

QUILT TOP

1 roll 2½" print strips

2½ yards background fabric

INNER BORDER

¾ yard

OUTER BORDER

1 package print 5" squares



BINDING

¾ yard

BACKING

4¾ yards—vertical seam(s)
or 2½ yards 108" wide

OTHER

The Binding Tool by TQM Products



MISSOURI STAR
— QUILT CO. —



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