Tonga Jewel Amethyst
by JUDY AND JUDEL NIEMEYER

Pyramidal Crystals
Designed by Denise Russell

Finished quilt size: 58\(\frac{1}{4}\)" x 69\(\frac{1}{2}\)"
Fabric Requirements

1/4 yard each:
- Tonga-B4932 Dazzle
- Tonga-B5054 Apricot
- Tonga-B4611 Peach
- Tonga-B6168 Purple

1/3 yard each:
- Tonga-B6166 Opal
- Tonga-B5713 Rose

3/8 yard each:
- Tonga-B5056 Lilac
- Tonga-B6168 Berry

1/2 yard Tonga-B6167 Gala

5/8 yard each:
- Tonga-B6167 Azure
- Tonga-B4932 Plum (binding)
- Soho-White

7/8 yard Tonga-B5057 Aqua

1 3/4 yards Tonga-B6165 Grape

3 3/4 yards Tonga Jewel Amethyst backing fabric of your choice

67" x 77" batting

Cutting

From Tonga-B4932 Dazzle:
- Cut two 2 1/8" x WOF strips.

From Tonga-B5054 Apricot:
- Cut two 2 1/8" x WOF strips.

From Tonga-B4611 Peach:
- Cut two 2 1/8" x WOF strips. Sub-cut eight 2 1/8" squares and eight 2 1/4" x 3 1/4" rectangles.
- Cut one 2 1/2" x WOF strip. Sub-cut eight 2 1/2" squares.

From Tonga-B6168 Purple:
- Cut two 2 1/8" x WOF strips.

From Tonga-B6166 Opal:
- Cut one 2 1/8" x WOF strip. Sub-cut twelve 2 1/8" squares.
- Cut one 3 3/4" x WOF strip. Sub-cut twelve 3 3/4" x 2 1/8" rectangles.
- Cut one 2 1/2" x WOF strip. Sub-cut twelve 2 1/2" squares.

From Tonga-B5713 Rose:
- Cut one 2 1/8" x WOF strip.
- Cut two 2 1/8" x WOF strip. Sub-cut ten 2 1/8" squares and ten 2 1/8" x 3 1/4" rectangles.
- Cut one 2 1/2" x WOF strip. Sub-cut ten 2 1/2" squares.

From Tonga-B5056 Lilac:
- Cut one 2 1/8" x WOF strip. Sub-cut eighteen 2 1/8" squares.
- Cut one 3 3/4" x WOF strip. Sub-cut eighteen 3 3/4" x 2 1/8" rectangles.
- Cut two 2 1/2" x WOF strip. Sub-cut eighteen 2 1/2" squares.

From Tonga-B6168 Berry:
- Cut one 4" x WOF strip.
- Cut two 2 1/8" x WOF strips. Sub-cut four 2 1/8" x 3 3/4" rectangles and four 2 1/8" x 7" rectangles.
- Cut one 2 1/2" x WOF strip. Sub-cut twelve 2 1/2" squares.

From Tonga-B6167 Gala:
- Cut two 4" x WOF strips.
- Cut two 2 1/8" x WOF strips. Sub-cut five 2 1/8" x 3 3/4" rectangles and five 2 1/8" x 7" rectangles.
- Cut one 2 1/2" x WOF strips. Sub-cut fifteen 2 1/2" squares.

From Tonga-B6167 Azure:
- Cut two 4" x WOF strips.
- Cut two 2 1/8" x WOF strips. Sub-cut six 2 1/8" x 3 3/4" rectangles and six 2 1/8" x 7" rectangles.
- Cut two 2 1/2" x WOF strips. Sub-cut eighteen 2 1/2" squares.

From Tonga-B4932 Plum:
- Cut seven 2 1/2" x WOF strips for the binding.

From Soho-White:
- Cut two 2 1/2" x WOF strips. Sub-cut thirty 2 1/2" squares.
- Cut six 2" x WOF strips for the inner border.

From Tonga-B5057 Aqua:
- Cut three 2 1/8" x WOF strips.
- Cut three 4" x WOF strips.
- Cut two 2 1/8" x WOF strips. Sub-cut six 2 1/8" x 3 3/4" rectangles and six 2 1/8" x 7" rectangles.
- Cut two 2 1/2" x WOF strips. Sub-cut eighteen 2 1/2" squares.
**From Tonga-B6165 Grape:**

- Cut three 4" x WOF strips.
- Cut three 2 1/2" x WOF strips. Sub-cut thirty-nine 2 1/2" squares.
- Cut three 2 1/8" x WOF strips. Sub-cut nine 2 1/8" x 3 3/4" rectangles and nine 2 1/8" x 7" rectangles.
- Cut two 2 1/8" x WOF strips. Sub-cut twelve 2 1/8" x 3 3/4" rectangles and twelve 2 1/8" squares.
- Cut seven 3 1/2" x WOF strips for the outer border.

**Block Construction**

*All seam allowances are 1/4" and pieces are sewn right sides together. Keep units separated by fabric group.*

1. Use a pencil to mark a diagonal line on the wrong side of each 2 1/2" Soho-White square. With right sides together, layer a marked Soho-White square atop a 2 1/2" B6165 Grape square. Stitch 1/4" on both sides of the marked line, then cut on the drawn line. Press each unit open, and trim dog ears. Repeat to make a total of eighteen Grape/Soho-White half-square triangle units (HST) (figure 1).

![Grape/Soho White HST Unit](image)

2. Repeat step 1 with the following 2 1/2" squares combined with Soho-White: six Aqua, four Berry, six Azure, and five Gala.

3. Repeat step 1 with 2 1/2" squares of the following fabric combinations:

<table>
<thead>
<tr>
<th>Number of 2 1/2&quot; squares</th>
<th>Number of HST Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Grape/Lilac squares</td>
<td>36</td>
</tr>
<tr>
<td>8 Berry/Peach squares</td>
<td>16</td>
</tr>
<tr>
<td>12 Azure/Opal squares</td>
<td>24</td>
</tr>
<tr>
<td>12 Grape/Aqua squares</td>
<td>24</td>
</tr>
<tr>
<td>10 Gala/Rose squares</td>
<td>20</td>
</tr>
</tbody>
</table>

4. To make the lower striped part of each block, sew together the long edges of a 2 1/8" x WOF strip to a 4" x WOF strip of the following color combinations, then cross-cut the strips into the indicated number of 10 1/4" rectangles (figure 2):

![Fig. 2](image)

5. To make the top part of each block, sew together two 2 1/8" Soho-White HST and two 2 1/8" x 3 3/4" colored rectangles to make row 1 (figure 3); two 2 1/8" squares, one 2 1/8" x 3 3/4" rectangle and two 2 1/8" HST to make row 2 (figure 4); one 2 1/8" x 7" rectangle and two 2 1/8" HST to make row 3 (figure 5).

![Fig. 3](image)

![Fig. 4](image)

![Fig. 5](image)
6. Join the three rows together as shown below to make the top portion of the block. Sew the top and bottom portions of the block together as shown to complete the block (figure 6).

7. Repeat steps 5 and 6 to make the number indicated for each block color combination shown in the table below.

<table>
<thead>
<tr>
<th>Color Combination</th>
<th>Number of Blocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grape/Lilac squares</td>
<td>9</td>
</tr>
<tr>
<td>Berry/Peach squares</td>
<td>4</td>
</tr>
<tr>
<td>Azure/Opal squares</td>
<td>6</td>
</tr>
<tr>
<td>Grape/Aqua squares</td>
<td>6</td>
</tr>
<tr>
<td>Gala/Rose squares</td>
<td>5</td>
</tr>
</tbody>
</table>

**Quilt Top Assembly**

8. Referring to the quilt photo for block placement and orientation, lay out six rows of five blocks each. Sew the blocks together in each row, pressing seams in alternate directions for adjacent rows. Sew the rows together in order, matching adjacent seams. Press seams in one direction.

9. For the inner border, sew seven 2" x WOF Soho-White border strips together end to end using diagonal seams. Stitch a border strip to each side of the quilt center and trim the extra length. Press seams toward the border. In the same manner, stitch one border to the top and another to the bottom of the quilt center and trim the extra length. Press seams toward the border.

10. Repeat step 9 to make and add the outer border using the seven 3½" x WOF B6165 Grape border strips.

**Finishing**

11. Layer the quilt top, batting and backing and quilt as desired.

12. Stitch the Tonga Plum binding strips together end to end using diagonal seams. Fold and press the resulting long strip in half lengthwise with wrong sides together. Stitch to the quilt front, matching raw edges and mitering the corners.

13. Fold the binding to the quilt underside and hand-stitch the folded edge to the quilt back.