

Cutting desk reference

54-inch quilt | Cut sizes include only the stated piecing allowances

Fabric / component	Qty	Cut size, inches
Ivory star centers	4	8 1/2 x 8 1/2
Ivory star rectangles	16	2 1/2 x 8 1/2
Navy star corners	8	2 1/2 x 2 1/2
Icy-blue star corners	8	2 1/2 x 2 1/2
Ivory medallion background	1	24 1/2 x 24 1/2
Navy snowflake backgrounds	2	12 1/2 x 12 1/2
Ivory full checker squares	70	2.9 x 2.9
Icy-blue full checker squares	70	2.9 x 2.9
Ivory half-height checker rectangles	12	2.9 wide x 1.7 high
Icy-blue half-height checker rectangles	8	2.9 wide x 1.7 high
Navy border WOF strips	6	3 1/2 x at least 40
Navy binding WOF strips	7	2 1/2 x at least 40

Checker total: 160 pieces (82 ivory, 78 blue): 140 full squares and 20 half-height rectangles. Separate star corners add eight navy and eight blue 2.5-inch squares.

1/4-inch seams apply to patchwork and border joins. Raw-edge applique: cut on the exact template outline, adding no allowance. Backgrounds already include 1/4 inch on each side.

Fabric reservation and cutting order

At least 40 inches usable WOF after fabric preparation

For EACH checker color, cut six 2.9-inch x WOF strips; crosscut 70 squares at 2.9 inches (13 fit per 40-inch strip; eight spare positions). Also cut one 1.7-inch x WOF strip and crosscut at 2.9 inches: keep 12 ivory or 8 blue rectangles. Total reserved length per color: 19.1 inches.

Ivory: reserve lengths of 24.5 inches for the medallion background, 12.5 for two snowflake silhouettes, 8.5 for four star centers, four 2.5-inch strips for 16 star rectangles, and 19.1 for checks. Total 74.6 inches from 90 inches purchased. Body and head fit the 15.5 x 24.5-inch remnant beside the medallion background.

Navy: 12.5 inches for two snowflake backgrounds, one 2.5-inch strip for eight star corners, then applique reservations. Conservative total: 29.43 inches of 36 purchased. No navy is cut for checkerboards.

Icy blue: 19.1 inches for checks, one 2.5-inch strip for eight star corners, then applique reservations. Conservative total: 35.37 inches of 45 purchased. Keep 2.5-inch STAR corners separate from 2.9-inch CHECKER squares.

Use actual-size gauges in PDF 02 for decimal cuts. Do not round 2.9 inches to a nearby ruler fraction. Full square: 73.66 mm; half-height rectangle: 73.66 x 43.18 mm. Maintain a true 6.35 mm seam allowance if working metrically.

The checkerboards need no foundation fabric or fusible. Fusible is for the 62 retained applique pieces only; a conservative 17-inch-wide shelf layout uses 86.71 inches of the 108 purchased. Separate woven-check fat quarter supplies hatband/front scarf; accent colors use scraps. Quantities exclude deliberate print matching or substantial shrinkage.

Exact 2.4-inch patchwork method

Ordinary 1/4-inch seams | No overlay exceptions required

Print the two cutting gauges in PDF 02 at 100%. Verify both axes of the 1-inch square and the 6-inch rule with a physical ruler. Transfer the exact cutting outlines to stable template plastic or use them to position an acrylic ruler; do not repeatedly shave a paper edge with a rotary cutter.

Cut strips as listed in the reservation plan. Crosscut full squares 2.9 x 2.9 inches and half-height rectangles 2.9 wide x 1.7 high. Do NOT halve a 2.9-inch square: 1.45-inch halves would finish too short. No rounding to 3 inches or a standard fractional grid is permitted.

Test the seam with three 2.9-inch squares: joined and pressed, the strip must measure 7.7 x 2.9 inches. Adjust needle position for fabric/thread and pressing so the finished result meets this measurement. Do not use a nominal scant seam without measuring its result.

Lay out the six charts, labeled and upright. Sew pieces into rows, using 1/4-inch seams. A ten-piece center row measures 24.5 x 2.9 inches; a five-piece side row measures 12.5 x 2.9 inches, or 12.5 x 1.7 for its half row.

Press adjacent row seams in opposing directions to nest, or press open consistently. Pin each column intersection; join rows without stretching. Center panels measure 24.5 x 12.5 raw; side panels 12.5 x 6.5 raw. Half rows remain nearest the snowflakes.

Conventional piecing preserves every L1 color boundary. It removes the 78 fused blue overlays and the underlying ivory foundation layer. Expect normal seam ridges rather than visible applique edge stitching on checks. Physical softness, washing performance and durability remain untested.

Fabric purchase list

Conservative quantities; 40-inch usable WOF

Fabric / supply	Purchase quantity
Ivory cotton: backgrounds, checks, body, head, snowflakes	2 1/2 yd
Navy cotton: blocks, star blades, hat and scarf	1 yd
Icy-blue cotton: checks, star blades and accents	1 1/4 yd
Navy snowflake-print border	1 yd
Navy binding, separate	5/8 yd
Blue woven check for scarf and hatband	1 fat quarter
Brown, olive, red, blush and orange cotton	Scraps or fat eighths
Lightweight fusible, 17-inch usable width; applique only	3 yd
Backing: 42-inch nominal / 108-inch option	3 3/4 yd / 2 yd
Batting	At least 62 x 62 inches

Reserve the largest shapes first. Yardages are practical estimates, not a certified optimized nesting plan. Prewash only as appropriate for your chosen fabrics and fusible; measure usable width afterward. Directional print matching may require extra.

Reconciled applique inventory

The approved SVG contains 28 closed fabric paths and five embroidery paths

Fabric component	SVG IDs	Qty
Brown twig arms	A01-A02	2
Ivory body and head	B01, H01	2
Hat crown, band, brim	T01-T03	3
Olive holly leaves	L01-L02	2
Red flat berries	R01-R03	3
Blush cheeks; orange carrot	C01-C02; N01	3
Navy flat body buttons	B02-B04	3
Rear tail, neck wrap, front tail	S01-S03	3
Individual woven fringe strips	F01-F07	7
MEDALLION TOTAL	28 closed fabric paths	28

Outside the medallion: ST01-ST08, cut four each (two navy + two icy blue per ID); 32 blades total. SN01: cut two ivory snowflakes. Combined applique total: 62 fabric pieces. There is no separate scarf knot.

Embroidery E01-E05 is not fabric. The central background is also excluded from the 28-piece count. Full SVG IDs and exact outline bounding sizes are printed in the template booklet.

Border and binding cut plan

Use the strip lengths below only when usable WOF is at least 40 inches

Border strip plan

Cut six 3 1/2-inch x WOF strips with at least 40 usable inches. Keep four 40-inch main lengths. From the remaining two strips, cut two 9-inch and two 15-inch supplements (48 inches total). Join with straight 1/4-inch seams: $40 + 9 - 1/2 = 48\ 1/2$; $40 + 15 - 1/2 = 54\ 1/2$ inches. Press seams open. These are straight joins, not diagonal joins.

Use two 3 1/2 x 48 1/2-inch side borders first, followed by two 3 1/2 x 54 1/2-inch top/bottom borders. Measure the assembled core through its center before trimming borders. If it differs from 48 1/2 inches, diagnose seam accuracy before attaching strips.

Binding, backing and batting

Seven 2 1/2 x 40-inch strips joined diagonally yield approximately $7 \times 40 - 6 \times 2\ 1/2 = 265$ inches of binding. Allow at least 12 inches beyond the 216-inch nominal perimeter for corners and joining. Fold binding lengthwise with wrong sides together and press.

For standard backing, cut two 62-inch lengths from 3 3/4 yards. Remove selvages; join along the long edges with a 1/2-inch seam. With 40-inch usable widths the joined panel is 79 x 62 inches; trim to at least 62 x 62. For wide backing, cut a 62-inch length from 2 yards and trim width. Batting: at least 62 x 62 inches.

All purchase quantities assume at least 40-inch usable WOF after preparation. Directional print matching and substantial shrinkage may require more fabric.