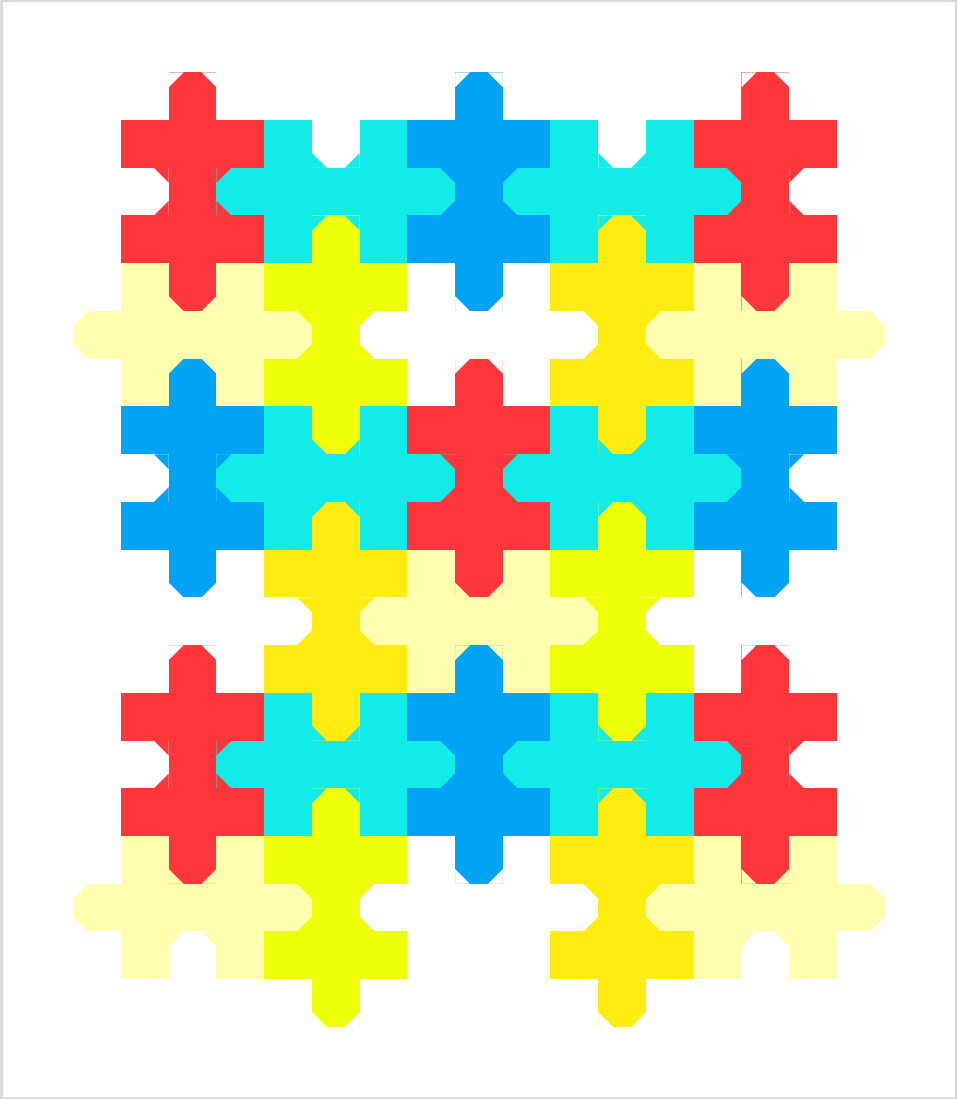
Jigsaw Puzzle
Quilt Pattern

A bright, interlocking quilt for a double bed



Drafted quilt preview; colors follow the supplied illustration.

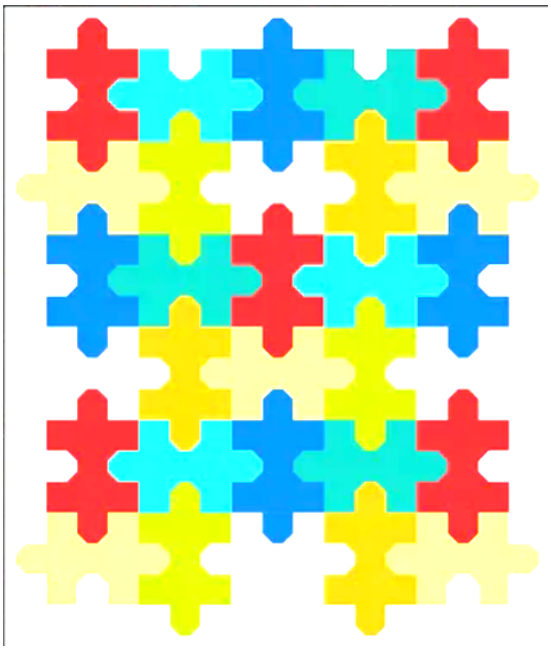
80 x 92 in

Approx. 203 x 234 cm

30 blocks | 12 in finished
Complete cutting charts, block recipes, edge diagrams and finishing instructions.

The design and the bed size

The supplied picture is interpreted as a 5 x 6 grid of alternating puzzle shapes.



User-supplied reference illustration.

Project	This version
Finished design	80 x 92 in
Metric equivalent	203.2 x 233.68 cm
Blocks	30; 5 across x 6 down
Block size	12 in finished / 12 1/2 in cut
Technique	Square units with stitch-and-flip corners
Outer white border	6 in finished on all sides

This independently drafted adaptation keeps the illustration's colors, alternating tab directions and floating outer tabs. The 6 in white border enlarges the design for a double bed. All puzzle shapes are built from straight seams and square cuts.

On a 54 x 75 in full mattress, side drop is about 13 in. On a 138 x 188 cm mattress, side drop is about 32.6 cm. Quilt length, mattress depth and shrinkage affect the final fit; measure your bed before starting.

DRAFTING STATUS

Measurements, color counts and connections have been checked digitally. This adaptation has not been sample sewn. Make blocks A1 and B1, join them and check the fit before cutting the full project.

Page guide: plan and cut 3-4; unit and block methods 5-8; every block recipe 9-10; layouts and edges 11-14; borders and finishing 15-17; actual-size check 18; checkpoints and tracker 19-20.

Fabric palette and supplies

Fabric estimates use at least 40 in of usable width after removing selvages.

Code / fabric	Blocks	Yardage	Approx. meters
R - Red	5	3/4 yd	0.69 m
T - Turquoise	6	1 yd	0.92 m
B - Blue	4	3/4 yd	0.69 m
P - Pale yellow	5	3/4 yd	0.69 m
L - Lime	3	1/2 yd	0.46 m
Y - Golden yellow	3	1/2 yd	0.46 m
W - White	4	4 yd	3.66 m

White covers the white puzzle pieces, boundary sockets, tab-band fillers, corner flips in the tab band and the wide outer border. Keep pale yellow P noticeably creamier than white W. Use solids or quiet prints so the shapes remain clear.

Additional material	Quantity
Blue binding, purchased separately	1 yd / about 0.92 m
Regular-width backing OR wide backing	9 yd at 40 in usable width OR 3 yd at 108 in wide
Batting	At least 89 x 101 in; a 90 x 108 in piece fits

TOOLS

Sewing machine; neutral thread; rotary cutter and mat; rulers for 4 1/2 in squares and 12 1/2 in blocks; fine marking pencil; pins; iron; seam ripper. Use similar-weight quilting cottons. Allow extra fabric if your prewashing shrinkage is substantial.

Master cutting chart

Cut sizes below already include the allowance needed for this construction.

Fabric	4 1/2 in squares	1 3/4 in squares
R - Red	45	20
T - Turquoise	54	24
B - Blue	36	16
P - Pale yellow	45	20
L - Lime	27	12
Y - Golden yellow	27	12
W - White	106	38
TOTAL	340	142

Large-square allocation: 210 plain squares inside the 30 blocks + 60 socket bases + 59 plain tab-band fillers + 11 tab bases = 340. Add two small corner squares to each of 71 shaped units = 142. All-white shaped units may stay plain; the chart includes their corner cuts for consistent totals.

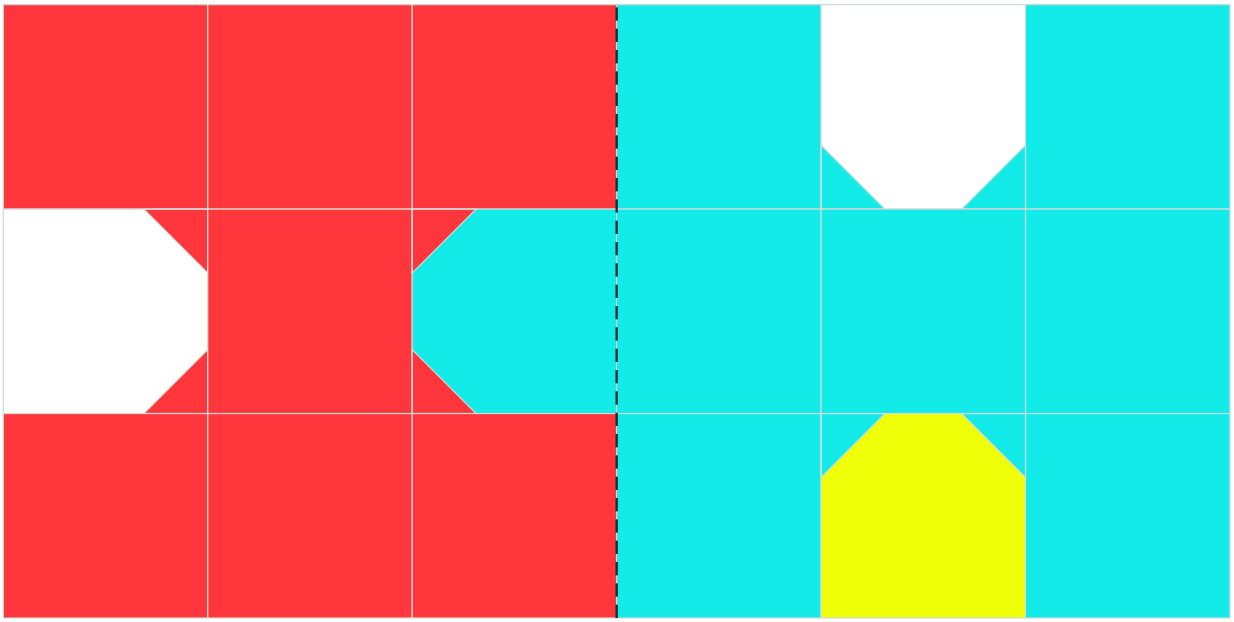
Also cut	Quantity and size
Outer white border	9 strips, 6 1/2 in x WOF; piece into four lengths, each 80 1/2 in
Blue binding	10 strips, 2 1/2 in x WOF; WOF must be at least 40 in
Regular-width backing option	3 panels, each 40 x 101 in; details on page 16

KEEP THE COLORS SORTED

For each block bag: 7 body-color large squares, 2 socket-base large squares from its recipe, and 4 body-color small squares. Reserve the tab-band pieces separately. Cut the test pair A1 and B1 first.

How the pieces interlock

A tab belongs to one puzzle piece but may be sewn inside the neighboring square block.



A1 / Red / V **B1 / Turquoise / H**

In A1, the turquoise unit at the middle of the right edge is the tab coming from B1. Its two red corner triangles cut the red socket around that tab. The turquoise fabric is physically inside A1's square block, but visually belongs to B1.

Block type	Socket locations	Tab extensions
V - vertical	Left and right	Top and bottom
H - horizontal	Top and bottom	Left and right

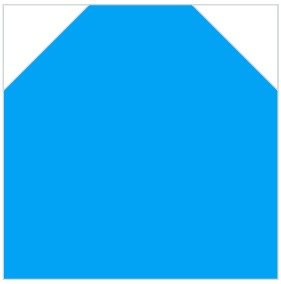
Types alternate across every row and down every column. Do not rotate blocks after labeling them: their socket colors depend on their exact neighbors. Use the recipes on pages 9-10 and the map on page 11.

ARROW LANGUAGE

N = up, S = down, E = right, W = left. A shaped unit's letter tells you which way its tab-colored tip points. It does not name the edge of the receiving block.

1. Make the shaped units

Each shaped unit starts with one 4 1/2 in base square and two 1 3/4 in corner squares.



N tip

NW + NE



E tip

NE + SE



S tip

SW + SE



W tip

NW + SW

THE WHITE AREAS SHOW THE CORNERS TO FLIP

1. On the wrong side of each 1 3/4 in corner square, mark a diagonal. Place one corner square right sides together on its designated corner of the 4 1/2 in base. Match both outside edges. The marked diagonal must cross between the two side edges, cutting across that corner.

2. Sew on the marked diagonal. Flip the small square open and check that it reaches the original base-square corner. If it does not, adjust the seam before trimming. Fold it back and trim the excess layers 1/4 in from the seam, toward the outside corner.

3. Press the corner open. Add the second small square at the other designated corner. Trim and press the same way. The shaped unit must still measure 4 1/2 in square. It finishes at 4 in after joining.

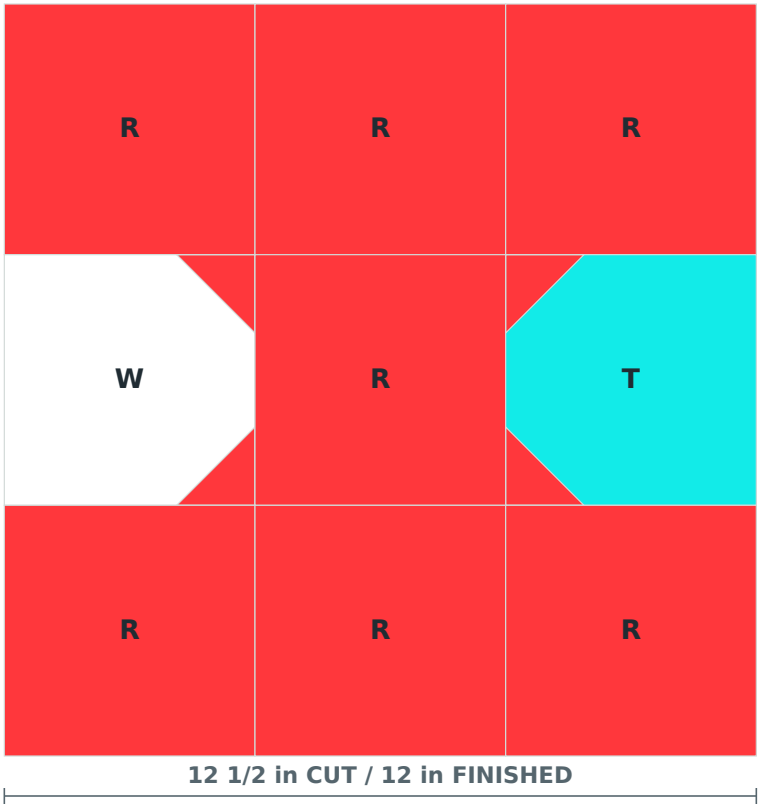
SOCKETS AND OUTSIDE TABS

For a block socket: BASE = the neighboring piece's color; CORNERS = this block's body color.
For an outside tab in the narrow tab band: BASE = the edge piece's color; CORNERS = white W.

The 1 3/4 in corner square produces a 1 1/4 in finished chamfer after the outer joining allowance is used. An actual-size unit and corner-size check appear on page 18.

2. Build a V block

Example A1: red body, white left socket base and turquoise right socket base.



Seven plain squares
Use R for all seven ordinary positions.

Left socket
Base W; two small R corners at NE and SE. Tip points E.

Right socket
Base T; two small R corners at NW and SW. Tip points W.

Place the seven plain squares and two socket units in three rows. The socket units sit at the left and right of the middle row. Follow the diagram and keep every unit facing the correct way.

Sew three units into each row using a consistent 1/4 in seam. Each small row measures 12 1/2 x 4 1/2 in. Press the top and bottom row seams toward their ends; press the middle row seams toward its center to nest the joins.

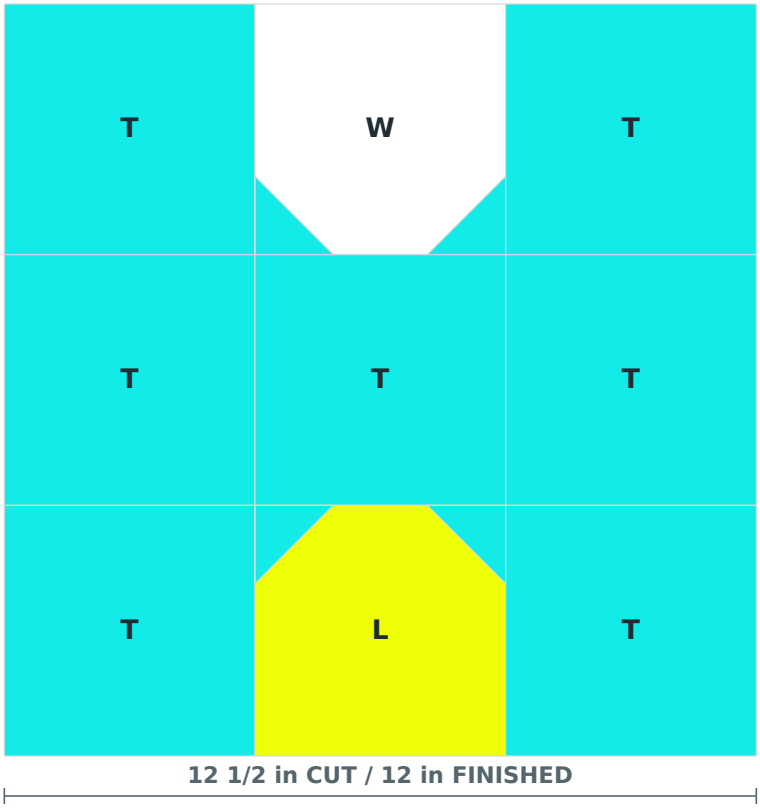
Join the three rows, matching the unit seams. Press the row-joining seams open if needed. The completed block measures 12 1/2 in square. Repeat this V arrangement with the colors in each V recipe.

THE V TABS

The top and bottom tabs of this puzzle piece will appear in neighboring H blocks, or in the outside tab band. Do not add fabric tabs directly onto this block.

3. Build an H block

Example B1: turquoise body, white upper socket base and lime lower socket base.



Seven plain squares
Use T for all seven ordinary positions.

Upper socket
Base W; two small T corners at SW and SE. Tip points S.

Lower socket
Base L; two small T corners at NW and NE. Tip points N.

The socket units sit at the top and bottom of the middle column. The center row contains three plain body-color squares. Use the same three-row sewing method as the V block.

Label B1 as soon as it is pressed. Join A1 and B1 with a 1/4 in seam as a test pair. Their shared puzzle connection should be continuous, and the pair should measure 24 1/2 x 12 1/2 in.

Make the remaining blocks in labeled bags. Each recipe needs seven body-color 4 1/2 in squares, two listed base squares, and four body-color 1 3/4 in squares. Body W uses exactly the same white fabric as the background.

READ BOTH PARTS OF THE RECIPE

A socket base may match the background even when the body is bright. Keep the body-color corner triangles. They create the notches around the incoming tab.

Every block recipe / 1-3

Rows 1-3 of the quilt. Cut seven body squares and four body corner squares per block.

Block	Body	Type	Base 1	Base 2
A1	R - Red	V	W / background	T / B1
B1	T - Turquoise	H	W / background	L / B2
C1	B - Blue	V	T / B1	T / D1
D1	T - Turquoise	H	W / background	Y / D2
E1	R - Red	V	T / D1	W / background
A2	P - Pale yellow	H	R / A1	B / A3
B2	L - Lime	V	P / A2	W / C2
C2	W - White	H	B / C1	R / C3
D2	Y - Golden yellow	V	W / C2	P / E2
E2	P - Pale yellow	H	R / E1	B / E3
A3	B - Blue	V	W / background	T / B3
B3	T - Turquoise	H	L / B2	Y / B4
C3	R - Red	V	T / B3	T / D3
D3	T - Turquoise	H	Y / D2	L / D4
E3	B - Blue	V	T / D3	W / background

WHERE BASE 1 AND BASE 2 GO

V blocks: Base 1 goes LEFT, tip E; Base 2 goes RIGHT, tip W.
H blocks: Base 1 goes ABOVE, tip S; Base 2 goes BELOW, tip N.
The source block after the slash identifies the puzzle piece supplying that color.

Every socket gets two small corner squares in THIS block's body color. BG means white W beyond the rectangular block grid. Recipes preserve the supplied color arrangement, including pale yellow C4.

Every block recipe / 4-6

Rows 4-6 of the quilt. Cut seven body squares and four body corner squares per block.

Block	Body	Type	Base 1	Base 2
A4	W - White	H	B / A3	R / A5
B4	Y - Golden yellow	V	W / A4	P / C4
C4	P - Pale yellow	H	R / C3	B / C5
D4	L - Lime	V	P / C4	W / E4
E4	W - White	H	B / E3	R / E5
A5	R - Red	V	W / background	T / B5
B5	T - Turquoise	H	Y / B4	L / B6
C5	B - Blue	V	T / B5	T / D5
D5	T - Turquoise	H	L / D4	Y / D6
E5	R - Red	V	T / D5	W / background
A6	P - Pale yellow	H	R / A5	W / background
B6	L - Lime	V	P / A6	W / C6
C6	W - White	H	B / C5	W / background
D6	Y - Golden yellow	V	W / C6	P / E6
E6	P - Pale yellow	H	R / E5	W / background

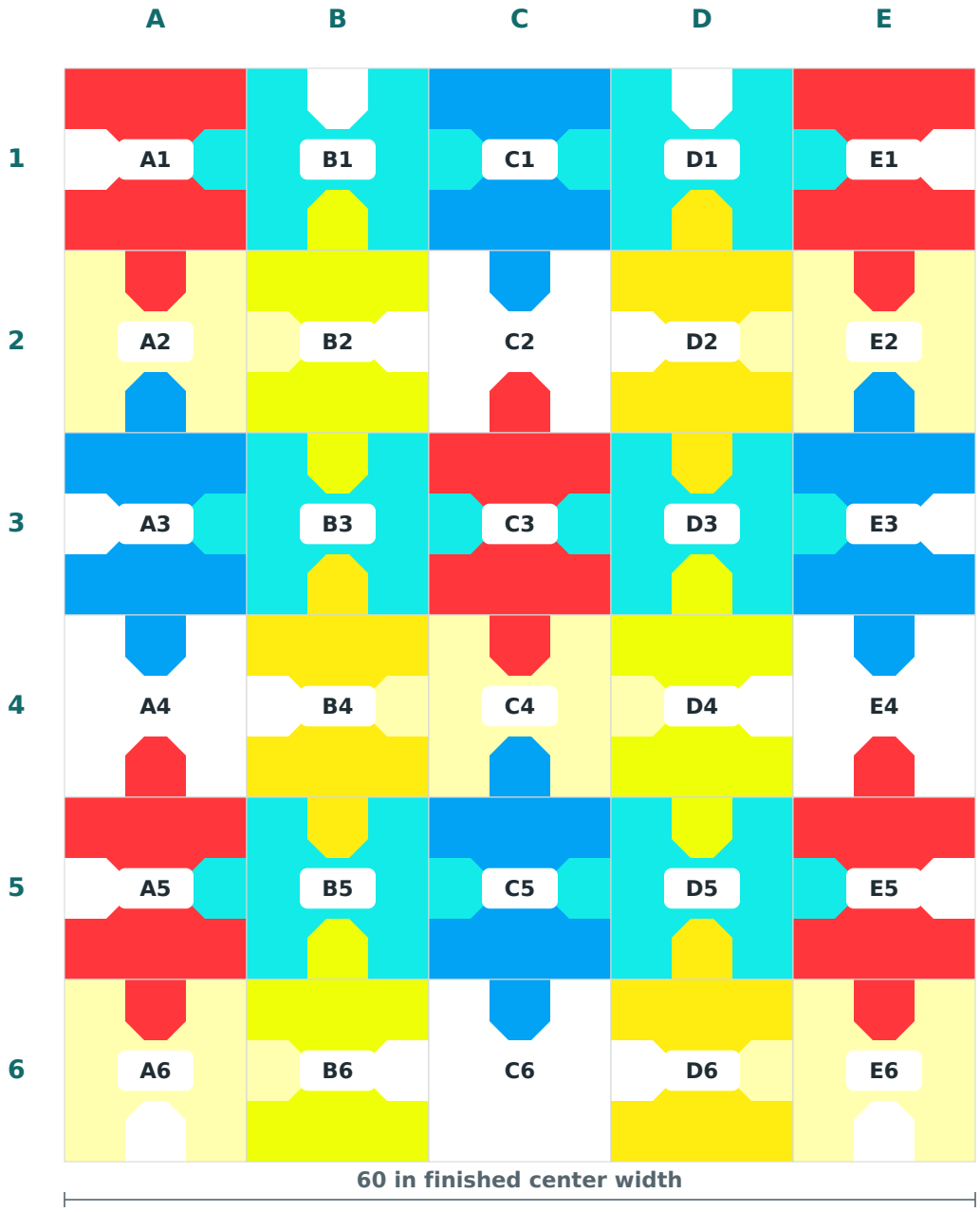
WHERE BASE 1 AND BASE 2 GO

V blocks: Base 1 goes LEFT, tip E; Base 2 goes RIGHT, tip W.
H blocks: Base 1 goes ABOVE, tip S; Base 2 goes BELOW, tip N.
The source block after the slash identifies the puzzle piece supplying that color.

Every socket gets two small corner squares in THIS block's body color. BG means white W beyond the rectangular block grid. Recipes preserve the supplied color arrangement, including pale yellow C4.

4. Arrange the 30 blocks

Five columns and six rows. Each small grid square finishes at 4 in.



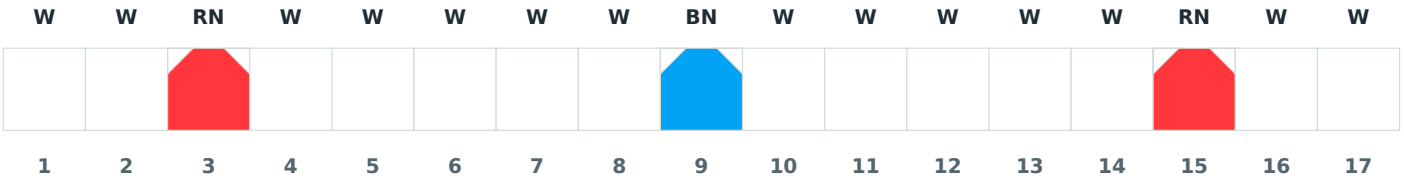
White puzzle blocks C2, A4, E4 and C6 are sewn blocks, not missing spaces. C4 is pale yellow P. Label every block before moving the layout to the machine.

The outer tabs are added in the narrow band on pages 12-14. Do not flatten the outside puzzle shape by replacing the listed boundary socket units with solid body squares.

5. Plan the top and bottom tabs

Each horizontal tab band contains 17 units and measures 68 1/2 x 4 1/2 in before joining.

TOP - LEFT TO RIGHT



All unmarked spaces are plain 4 1/2 in white squares.

BOTTOM - LEFT TO RIGHT



All unmarked spaces are plain 4 1/2 in white squares.

Band	Shaped units; positions counted from the LEFT
Top	Positions 3 = R/N, 9 = B/N and 15 = R/N.
Bottom	Positions 6 = L/S and 12 = Y/S.
Both	All remaining positions are plain W. End squares are white corner fillers.

BUILD THE POINTED CAPS

For each listed cap, use one 4 1/2 in square in the listed base color and two 1 3/4 in W squares. The letter after the slash is its tip direction. Keep these bands separate until both side bands are attached.

6. Plan the side tabs

Each vertical tab band contains 18 units and measures 4 1/2 x 72 1/2 in before joining.

	LEFT / W TIPS	RIGHT / E TIPS
1	W	W
2	W	W
3	W	W
4	W	W
5	PW	PE
6	W	W
7	W	W
8	W	W
9	W	W
10	W	W
11	WW	WE
12	W	W
13	W	W
14	W	W
15	W	W
16	W	W
17	PW	PE
18	W	W

Read the bands from top to bottom. The left and right sequences are the same colors, but the tab-tip directions are mirrored.

Unit 5: pale yellow P
Unit 11: white W
Unit 17: pale yellow P

Every other unit is a plain white square.

Left shaped units have W tips: flip the NW and SW corners with white.

Right shaped units have E tips: flip the NE and SE corners with white.

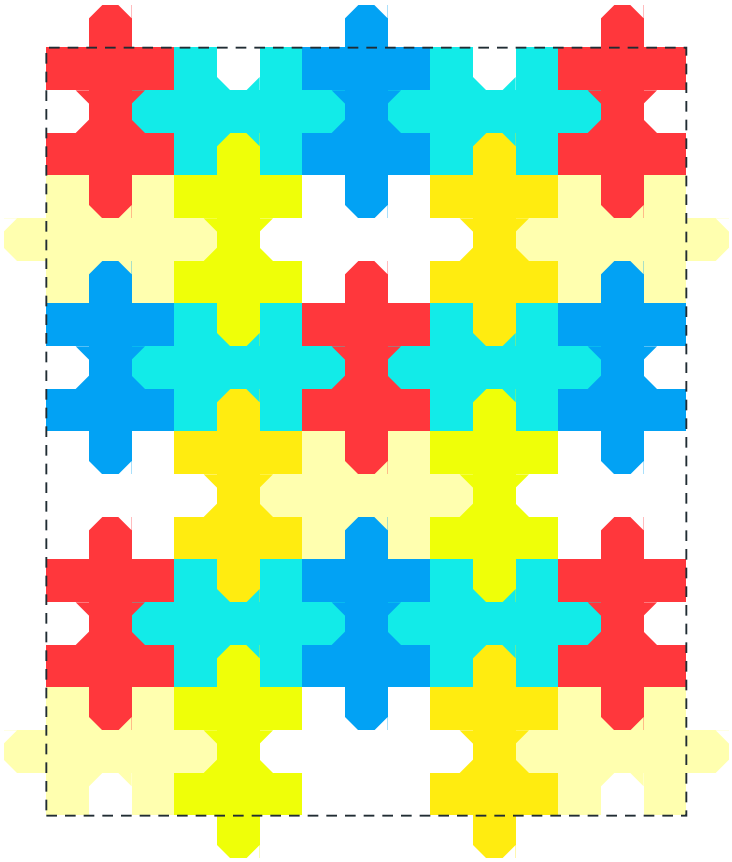
WHITE TABS ARE STILL COUNTED

The all-white caps at position 11 can remain plain W squares. The master cutting count includes their small white corners; leave those corners unused if you skip the identical-color seams.

7. Join the center and tab band

Use 1/4 in seams. All intermediate dimensions here include the outside seam allowance.

Step	Action	Result
1	Join five blocks into each of six rows.	60 1/2 x 12 1/2 in per row
2	Join all six rows in the order on page 11.	60 1/2 x 72 1/2 in center
3	Sew 18 units into each side tab band. Add left and right.	68 1/2 x 72 1/2 in
4	Sew 17 units into each horizontal band. Add top and bottom.	68 1/2 x 80 1/2 in puzzle field



PRESS AND PIN

Press block-joining seams in alternating directions in neighboring rows, or open if bulk requires. Match the 4 in unit joins and the puzzle connections.

Sew side bands first. The top and bottom bands include the four white corner units and span the entire width after the side bands are in place.

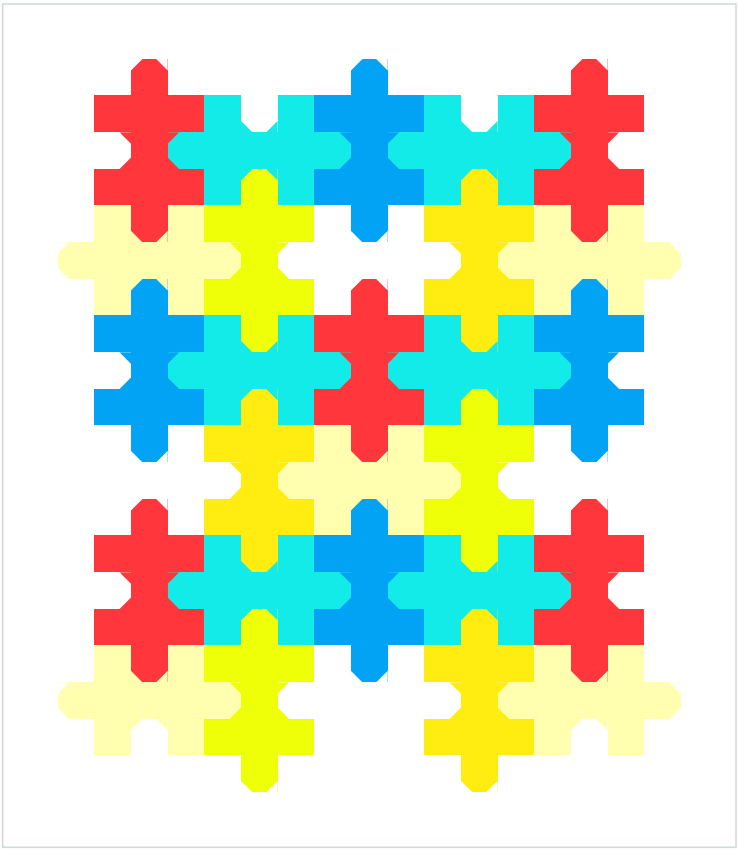
Check the field before proceeding: the top caps point UP; bottom caps DOWN; left caps LEFT; right caps RIGHT. Measure 68 1/2 x 80 1/2 in. The outer white border is added next.

8. Add the white outer border

The outer border finishes at 6 in wide on all four sides.

Join the nine 6 1/2 in x WOF white strips end to end with straight 1/4 in seams. Press those joins open. From the long strip, cut four lengths of 80 1/2 in. This uses about 322 in of border strip plus the fabric consumed in the joins.

Order	Cut pieces	Top after attachment
1. Left and right	Two strips, 6 1/2 x 80 1/2 in	80 1/2 x 80 1/2 in
2. Top and bottom	Two strips, 6 1/2 x 80 1/2 in	80 1/2 x 92 1/2 in



Measure through the center before attaching each border pair. Pin the ends, center and quarters, distributing minor fullness evenly. Keep the border flat as you sew.

Nine WOF strips at 40 in provide 360 in before joining; eight straight joins consume about 4 in. The resulting 356 in is enough for the four 80 1/2 in border lengths.

9. Backing, layering and quilting

Plan at least 4 in of extra backing and batting beyond each edge of the raw top.

Layer	Measurement
Raw quilt top	80 1/2 x 92 1/2 in
Backing and batting minimum	89 x 101 in; increase if your quilter requests more
Regular-width backing option	Three panels, each 40 x 101 in
Wide backing option	One piece at least 89 x 101 in from 108 in wide fabric

BACKING

Join the three regular-width panels along their 101 in edges using 1/2 in seams. Remove selvages first. Three 40 in panels produce about 118 x 101 in after the two seams; press seams open and trim excess while retaining at least 89 x 101 in.

LAYER

Place the pressed backing wrong side up, then batting, then the quilt top right side up. Center the layers and baste securely. Remove stray threads behind the white areas before layering so they cannot show through.

QUILT

A gentle allover meander suits the playful design. You may also echo the puzzle-piece outlines, including the white pieces, to make their shapes visible. Use a removable marking tool suited to your fabric and follow the batting manufacturer's spacing requirements.

KEEP THE CONNECTIONS VISIBLE

Quilt each tab and socket as part of the continuous puzzle silhouette. The square block seams are construction lines; tracing every square grid line will emphasize a different visual effect.

10. Bind and finish

Blue binding repeats the blue pieces and provides a clear edge around the white border.

Join the ten 2 1/2 in x WOF blue strips with diagonal seams. Trim those allowances to 1/4 in and press open. Fold the resulting strip in half lengthwise, wrong sides together, and press to make double-fold binding.

Binding calculation	Length
Ten strips at 40 in usable width	400 in
Approximate loss in nine diagonal joins	22 1/2 in
Available binding	377 1/2 in
Raw top perimeter	346 in
Perimeter plus 12 in for corners and final join	358 in minimum

After quilting, square the quilt while preserving the outer design allowance. Trim the batting and backing even with the top. Attach binding to the front with a 1/4 in seam and miter the corners. Leave tails for the final diagonal join.

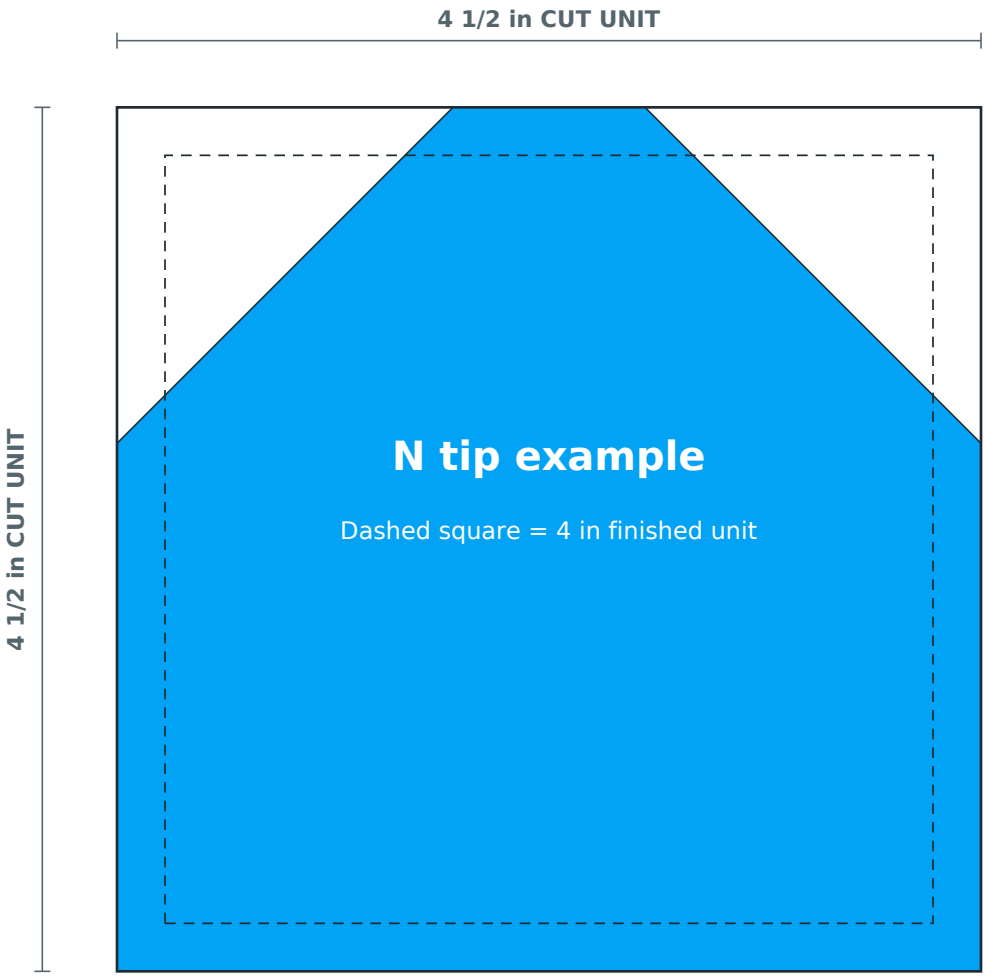
Fold the binding to the back and finish by hand or machine, ensuring its folded edge covers the attachment seam. Add a quilt label, remove basting and inspect for loose seams before washing.

FINISHED SIZE AND CARE

80 x 92 in is the nominal drafted design. Quilting take-up, binding and washing can change the measured finished size. Follow your fabric and batting care instructions, and wash gently after checking fabric colorfastness.

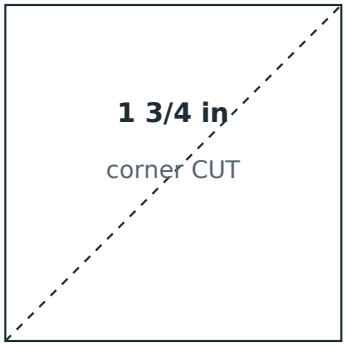
Actual-size unit check

Print this page at 100% / Actual Size. Measure the 1 in square before using the guide.



Cut every base as a 4 1/2 in square. The two 1 3/4 in corner squares are sewn diagonally across the indicated corners, then flipped and trimmed. The final unit remains 4 1/2 in square; the dashed finished boundary is not a cutting line.





Use your ruler for cutting. This master checks the base size, small-square size and finished allowance. All construction diagrams elsewhere show finished shapes unless labeled CUT.

Size checks and troubleshooting

A consistent 1/4 in seam keeps all puzzle connections at their intended positions.

Checkpoint	Correct measurement
Small corner square, before sewing	1 3/4 in square
Plain or shaped unit, before joining	4 1/2 in square
Three-unit row	12 1/2 x 4 1/2 in
One finished block, before joining	12 1/2 in square
Test pair A1 + B1	24 1/2 x 12 1/2 in
Five-block row / six-row center	60 1/2 x 12 1/2 in / 60 1/2 x 72 1/2 in
Center with tab band	68 1/2 x 80 1/2 in
Top with outer border	80 1/2 x 92 1/2 in

Problem	Check
A socket appears in the wrong color	Check both the body code and the listed neighbor base. All small socket corners use the receiving block's body color.
A tab points the wrong way	Use the N/E/S/W corner key; two same-edge corners are flipped. Recheck the side-band mirror directions.
A small unit shrinks after flipping	Unpick before trimming if possible. Sew on the diagonal, press gently and check the 4 1/2 in boundary.
The outside edge looks clipped	The 4 in tab band must be added before the 6 in outer border.
White pieces look empty	They are intentional. Quilt their outlines to make the puzzle silhouette clearer.

General technique reference: Canuck Quilter, The Basics of Stitch-and-Flip (March 2024). This guide's measurements, layouts and recipes were drafted for the supplied illustration.

Printable project tracker

Check each block after measuring it to 12 1/2 in square.

☐ A1 / R	☐ B1 / T	☐ C1 / B	☐ D1 / T	☐ E1 / R
☐ A2 / P	☐ B2 / L	☐ C2 / W	☐ D2 / Y	☐ E2 / P
☐ A3 / B	☐ B3 / T	☐ C3 / R	☐ D3 / T	☐ E3 / B
☐ A4 / W	☐ B4 / Y	☐ C4 / P	☐ D4 / L	☐ E4 / W
☐ A5 / R	☐ B5 / T	☐ C5 / B	☐ D5 / T	☐ E5 / R
☐ A6 / P	☐ B6 / L	☐ C6 / W	☐ D6 / Y	☐ E6 / P

CUTTING AND ASSEMBLY CHECKS

Task	Target	Done
Large squares cut and sorted	340	_____
Small corner squares cut and sorted	142	_____
Test pair measured	24 1/2 x 12 1/2 in	_____
Blocks completed and labeled	30	_____
Side tab bands built	18 units each	_____
Top and bottom bands built	17 units each	_____
Outer border added; top checked	80 1/2 x 92 1/2 in	_____
Backing and batting prepared	At least 89 x 101 in	_____
Binding prepared; quilt finished	At least 358 in binding	_____

Notes: _____