



Featuring Besties Metallic by Tula Pink

Collection:	Besties Metallic by Tula Pink			
Technique:	Pieced			
Skill Level:	Intermediate			
Finished Sizes:	Finished Size: 76" x $89^{1/2}$ " (1.93m x 2.27m) Finished Block Size: $7^{1/2}$ " x $7^{1/2}$ " (19.05cm x 19.05cm)			

All possible care has been taken to assure the accuracy of this pattern. We are not responsible for printing errors or the manner in which individual work varies. Please read the instructions carefully before starting this project. If kitting, it is recommended a sample is made to confirm accuracy.

Free Spiril

Project designed by Tula Pink | Tech edited by Alison M. Schmidt

Fabric Requirements

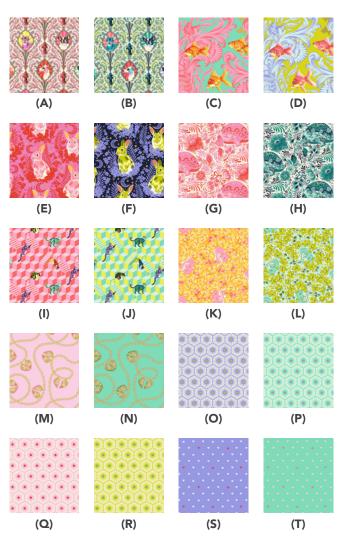
rabite kequitements				
DESIGN				
(A)	Puppy Dog Eyes			
(B)	Puppy Dog Eyes			
(C)	Treading Water			
(D)	Treading Water			
(E)	Hop To It			
(F)	Hop To It			
(G)	No Rush			
(H)	No Rush			
(I)	Sitting Pretty			
(J)	Sitting Pretty			
(K)	Chubby Cheeks			
(L)	Chubby Cheeks			
(M)	Lil Charmer			
(N)	Lil Charmer			
(O)	Daisy Chain			
(P)	Daisy Chain			
(Q)	Daisy Chain			
(R)	Daisy Chain			
(S)	Unconditional Love			
(T)	Unconditional Love			

COLOR
Blossom
Bluebell
Blossom
Clover
Blossom
Bluebell
Blossom
Bluebell
Blossom
Meadow
Buttercup
Clover
Blossom
Meadow
Bluebell
Meadow
Blossom
Clover
Bluebell
Meadow

ITEM ID
PWTP213.BLOSSOM
PWTP213.BLUEBELL
PWTP214.BLOSSOM
PWTP214.CLOVER
PWTP215.BLOSSOM
PWTP215.BLUEBELL
PWTP216.BLOSSOM
PWTP216.BLUEBELL
PWTP217.BLOSSOM
PWTP217.MEADOW
PWTP218.BUTTERCUP
PWTP218.CLOVER
PWTP219.BLOSSOM
PWTP219.MEADOW
PWTP220.BLUEBELL
PWTP220.MEADOW
PWTP220.BLOSSOM
PWTP220.CLOVER
PWTP221.BLUEBELL
PWTP221.MEADOW

YARDAGE

³/₄ yard (0.69m) ³/₄ yard (0.69m) ¹/₂ yard (0.46m) 1¹/₂ yards (1.37m) ⁵/₈ yard (0.57m) ⁵/₈ yard (0.57m) ¹/₂ yard (0.46m) ¹/₂ yard (0.46m) ¹/₃ yard (0.30m) ¹/₃ yard (0.30m) ¹/₄ yard (0.23m) ¹/₄ yard (0.23m) ¹/₈ yard (0.11m) ¹/₈ yard (0.11m) 1 yard (0.91m) ¹/₈ yard (0.11m) ¹/₈ yard (0.11m) ¹/₈ yard (0.11m) ¹/₂ yard (0.46m) ¹/₈ yard (0.11m) continued...



Fabric Requirements

DESIGN

(U)	Unconditional Love	Clover
(V)	Unconditional Love	Buttercup
(W)	Neon Pom Pom	Moon Beam
(X)	Tent Stripe	Myrtle
(Y)	Designer Essential Solid	Carnelian
(Z)	Designer Essential Solid	Iris
(AA)	Designer Essential Solid	Julep
(AB)	Designer Essential Solid	Legendary
(AC)	Designer Essential Solid	Marigold
(AD)	Designer Essential Solid	Matcha
(AE)	Designer Essential Solid	Mojito
(AF)	Designer Essential Solid	Sea Breeze
(AG)	Designer Essential Solid	Taffy
(AH)	Designer Essential Solid	Tula
* bind	ding	

Backing (Purchased Separately)

44" (1.12m) wide		
Lil Charmer	Meadow	PWTP219.MEADOW
OR 108" (2.74m) wide		
Big Charmer	Blossom	QBTP015.BLOSSOM

COLOR

ITEM ID

PWTP221.CLOVER

PWTP069.MYRTL*

CSFSESS.IRISX

CSFSESS.JULEP

PWTP221.BUTTERCUP

PWTP118.MOONBEAM

CSFSESS.CARNELIAN

CSFSESS.LEGENDARY

CSFSESS.MARIGOLD

CSFSESS.MATCHA

CSFSESS.MOJIT

CSFSESS.SEABR

CSFSESS.TAFFY

CSFSESS.TULAX

YARDAGE

 ½ yard (0.11m)

 ½ yard (0.11m)

 2 yards (1.83m)

 ¾ yard (0.69m)

 ⅓ yard (0.30m)

 ⅓ yard (0.30m)

5²/₃ yards (5.18m)

2¹/₂ yards (2.29m)



Additional Recommendations

- 100% cotton thread in colors to match
- 84" x 98" (2.13m x 2.49m) batting
- Optional: Starch/starch alternative, removable fabric marker

Cutting

WOF = Width of Fabric

- Read instructions all the way through before beginning to cut to understand where cut pieces are used and choose your preferred cutting methods.
- Press fabrics with starch or starch alternative and allow to dry before cutting fabric.
- Fussy-cut pieces will have bias edges so handle carefully to avoid stretching or distorting.
- Cut fabric in order listed, placing pieces with fussy cut motifs first to take advantage of all motifs available, then cut pieces that do not require specific motif placement.
- If desired, mark all pieces to be cut with a removable fabric marker before cutting.

Fabrics A and B, fussy cut from each:

(5) $5\frac{1}{2}$ " bias squares, centered on dog motifs shown or your choice

Fabric A Cutting Diagram

Fabric A - 5 1/2" square: Fussy cut 5 on-point



Fabric B Cutting Diagram

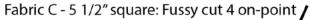
Fabric B - 5 1/2" square: Fussy cut 5 on-point



Fabrics C and E-L, fussy cut from each:

(4) $5\frac{1}{2}$ " bias squares, centered on animal motifs shown when possible or your choice of motifs

Fabric C Cutting Diagram





See additional cutting diagrams on the following page.





Fabric E Cutting Diagram

Fabric E - 5 1/2" square: Fussy cut 4 on-point



Fabric G Cutting Diagram

Fabric G - 5 1/2" square: Fussy cut 4 on-point



Fabric D, cut:

(3) 14⁵/₈" x WOF; subcut

(5) 14⁵/₈" squares

(2) 9" squares

From remaining strip, fussy cut

(4) $5\frac{1}{2}$ " bias squares centered on your choice of goldfish motifs

Fabrics M, N, P-R, and T-V, cut from each:

(1) 3¹/₂" x WOF; subcut (10) 3¹/₂" squares

Fabric O, cut:

(8) 3¹/₂" x WOF for outer border
 (1) 3¹/₂" x WOF; subcut
 (10) 3¹/₂" squares

Fabric S, cut:

Fabric W, cut:

(24) 2¹/₂" x WOF; subcut (120) 2¹/₂" x 8" sashing strips

Fabric X, cut:

enough 2¹/₂"-wide* bias strips for 350" (8.9m) of bias binding *or your preferred cut width for bias binding

Fabrics Y-AH, cut:

(1) 3½" x WOF; subcut
(10) 3½" squares
(1) 3" x WOF; subcut
(5) 3" squares

Instructions

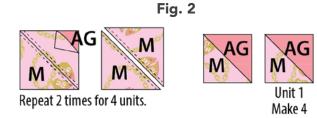
Note: Use a ¹/₄" seam allowance throughout. Sew all pieces with right sides together and raw edges even using matching thread. Press seam allowances open or as directed.

Block Construction 2-at-a-time HST Units

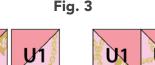
1. Draw a diagonal line from corner to corner across the wrong side of 2 Fabric M 3¹/₂" squares. If you prefer to sew on a marked line, draw a line $\frac{1}{4}$ " away on both sides of the first line. **Fig. 1**

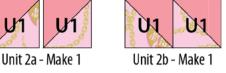


2. Arrange a marked **Fabric M** $3\frac{1}{2}$ " square right sides together with a **Fabric AG** $3\frac{1}{2}$ " square. Stitch along outer marked lines (or $\frac{1}{4}$ " away from center line). Cut apart on center line to yield 2 identical halfsquare triangle units. Press. Trim each square to 3" square, keeping diagonal seam centered. Repeat to make a total of 4 M/AG Unit 1. Fig. 2



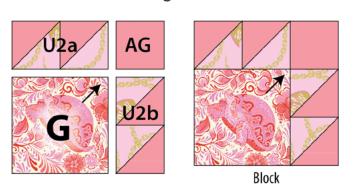
Sew 2 of Unit 1 together as shown to make a Unit 2a, noting placement of solid fabric and orientation of diagonal seams as shown. Press away from **Fabric M**. Repeat to make a mirrored Unit 2b (3" x $5\frac{1}{2}$ " unfinished). Fig. 3





4. Arrange 1 fussy cut Fabric G bias square, 1 Fabric AG 3" square, Unit 2a, and Unit 2b in 2 rows as shown, making sure the top of the turtle motif is oriented towards the solid fabric square, as indicated by the arrow on the diagrams. Stitch into rows. Press away from Fabric M. Sew rows together to make a block (8" square unfinished). Fig. 4a

Fig. 4a



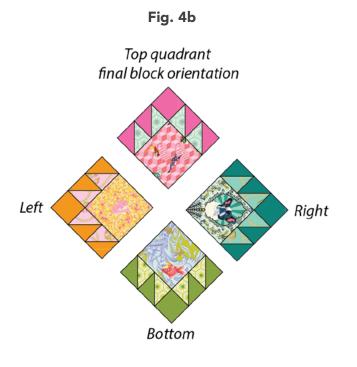
Top of fussy-cut motifs oriented towards arrow in all blocks





5. In the same manner, make a total of 50 blocks referring to the **Block Table** (page 8) for fabrics used in each block, and making sure the top of the fussy-cut motif is towards the solid square when assembling the block.

When the blocks are assembled in quadrants into the quilt top, the motifs will all radiate outwards to the top, bottom, and sides if constructed in this manner. **Fig. 4b**



Final orientation of blocks in quilt





Block Table

Unit 1 solid fabric	Unit 1 print fabric	Fussy cut bias square	Quantity	Quadrant (for quilt top assembly)	Unit 1 solid fabric	Unit 1 print fabric	Fussy cut bias square	Quantity	Quadrant (for quilt top assembly)		
Y	Μ	Α	1	AA		0	В	1			
	Р	I	1				0	F	1		
	Q	E	1		AA	R	J	1	Bottom		
	т	G	1			R	L	1			
	V	Α	1			U	н	1			
AG	Μ	G	2			N	J	1			
	Р	Α	1	Тор		0	F	1			
AG	Q	К	1	юр	AD	R	D	1			
	Т	E	1			S	D	1			
	Р	I	1				U	L	1		
	Q	G	1			N	В	1			
AH	Т	С	1					0	L	1	
	V	E	1			AF	S	В	1	-	
	V	К	1				S	н	1		
	Μ	Α	1			U	J	1			
	Μ	К	1			0	D	1			
AC	Р	E	1			R	F	1			
	Q	I	1		z	R	L	1			
	т	С	1	Left Side		S	B	1			
AE	Р	I	1			U	 H	1			
	Q	Α	1			N	B	1	Right Side		
	т	К	1			N	D	1			
	V	С	2		AB	N	J	1			
						S	F	1			

U

н

1

Quilt Top Assembly

Press seam allowances towards the Sashing. Measure the Quilt Center width and height before cutting and adding borders and adjust border measurements if necessary to match your measurements

6. Cut each **Fabric D** 14⁵/₈" square in half diagonally twice for side setting triangles (there will be 2 extra). **Fig. 5**

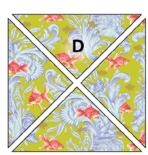
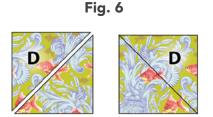


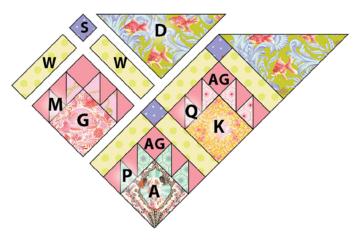
Fig. 5

 Cut 1 Fabric D 9" square in half diagonally once and cut second square in half diagonally in half in the opposite direction for corner setting triangles. Fig. 6



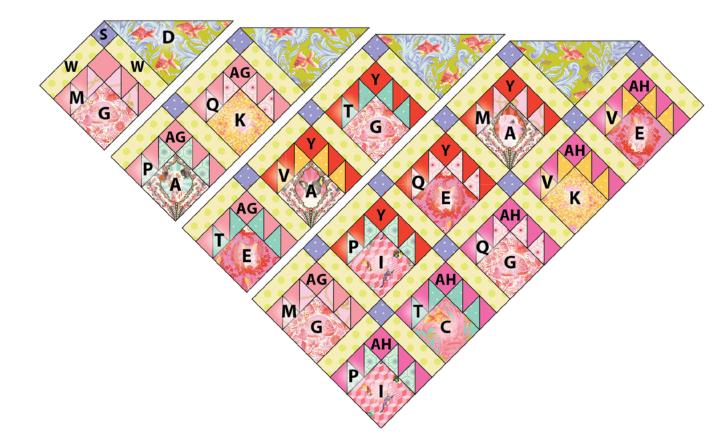
8. Group the blocks in a single quadrant as listed on the block table (page 8) and assemble only 1 quadrant at time – this makes it easier to make sure all the blocks are oriented correctly in the finished quilt top. Referring to the Top Quadrant Layout diagram (page 10), arrange only the blocks shown, so that the points (the 'claws') are pointing towards the outer edge of the quadrant. Add Fabric W sashing strips, Fabric S cornerstones, and Fabric D side setting triangles in diagonal short rows as shown. As Fabric D is a directional print, and the squares were sub-cut to allow for directional print placement, you can decide at this time whether to place the triangles to keep all the goldfish right-reading (i.e, top, bottom, left, and right), to have them flow around the outer edges of the quilt center, or place them based on the how the individual goldfish look best to you. Fig. 7







Top Quadrant Layout diagram







- **9.** Sew sashing and cornerstones into diagonal rows and sew blocks and sashing strips into diagonal rows by quadrant. Add the side setting triangles to the outer ends of the block rows, following your chosen directionality. Then sew the sashing rows and block rows together, nesting seam allowances, to complete 1 quadrant.
- **10.** Repeat steps 8 and 9 to assemble the remaining 3 quadrants.
- Make 2 short sashing rows, each using 6 Fabric S cornerstones and 5 Fabric W sashing strips, and 1 long sashing row using the remaining 11 Fabric S cornerstones and 10 Fabric W sashing strips.
- 12. Refer to the Quilt Layout diagram (page 12) to join the left side and top quadrants, and the bottom and right side quadrants, using the short sashing rows. Then sew the quilt center halves to opposite sides of the long sashing row. Add the Fabric D 9" corner setting triangles, noting directional placement of the goldfish, to complete the quilt center (70¹/₂" x 84" unfinished).
- **13.** Stitch **Fabric P** $3\frac{1}{2}$ " x WOF strips together. Cut 2 borders to length of quilt sides ($3\frac{1}{2}$ " x 84" unfinished) and sew to right and left sides of quilt. Cut 2 borders to width of quilt with side borders ($3\frac{1}{2}$ " x 76 $\frac{1}{2}$ " unfinished) and sew to top and bottom of quilt. If you need a bit more length, use the leftover $3\frac{1}{2}$ " x WOF strip used to cut squares for Unit 1.

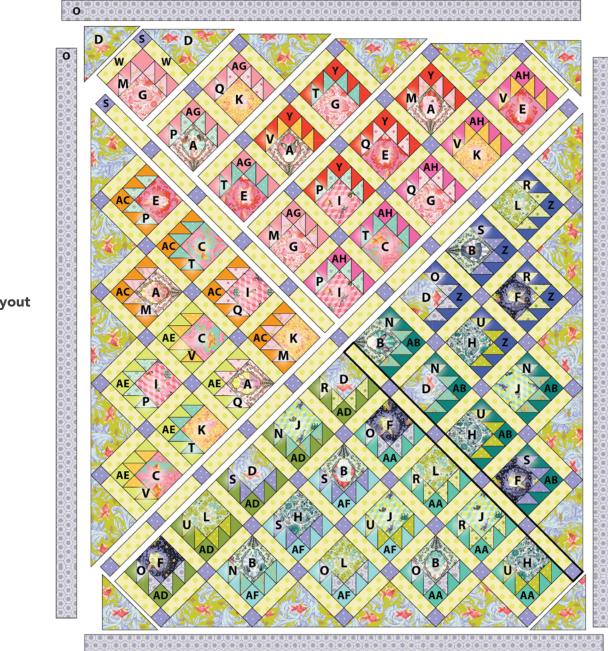
Finishing

- **14.** Sew together the 2¹/₂" **Fabric X** bias binding strips end-to-end using diagonal seams. Press seams open. Press the binding strip in half wrong sides together.
- **15.** Layer backing (wrong side up), batting, and quilt top (right side up). Baste the layers together and quilt as desired. Trim excess batting and backing even with the top after quilting is completed.
- **16.** Leaving an 8" tail of binding, sew the binding to the top of the quilt through all layers matching all raw edges. Miter corners. Stop approximately 12" from where you started. Lay both loose ends of binding flat along quilt edge. Where the loose ends meet, fold them back on themselves and press to form a crease. Using this crease as your stitching line, sew the two open ends of the binding right sides together. Trim seam to ¹/₄" and press open. Finish sewing binding to quilt.
- **17.** Turn the binding to the back of quilt and hand-stitch in place.











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