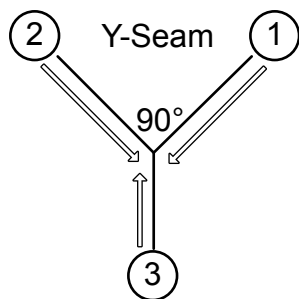
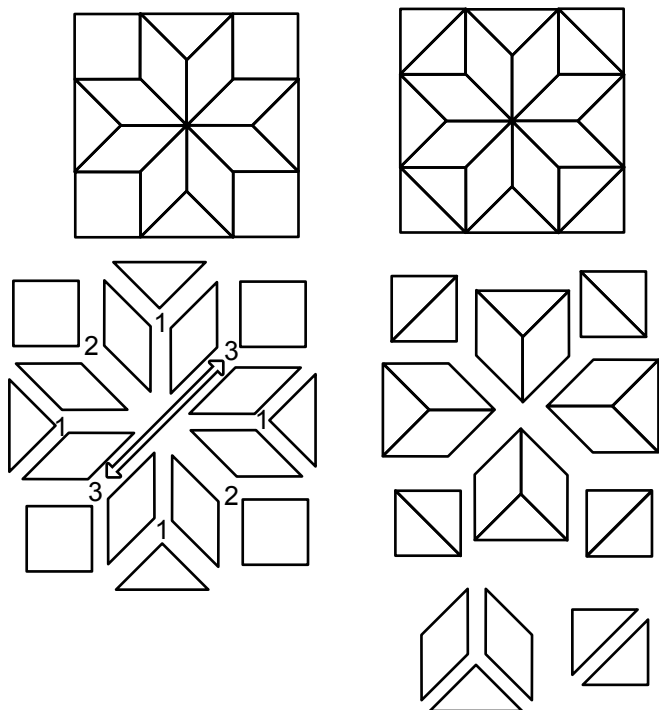


# Sewing the 8 Pointed Star Shape Set

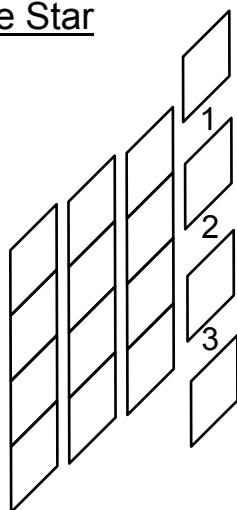


Sew each y-seam in this order. Identify the 90° angle, sew the seams that make the 90° angle first. For each seam, start sewing from the outer end and sew until the needle sinks into the y-seam dot and then reverse stitch for 3 or 4 stitches.

## LeMoyne Star



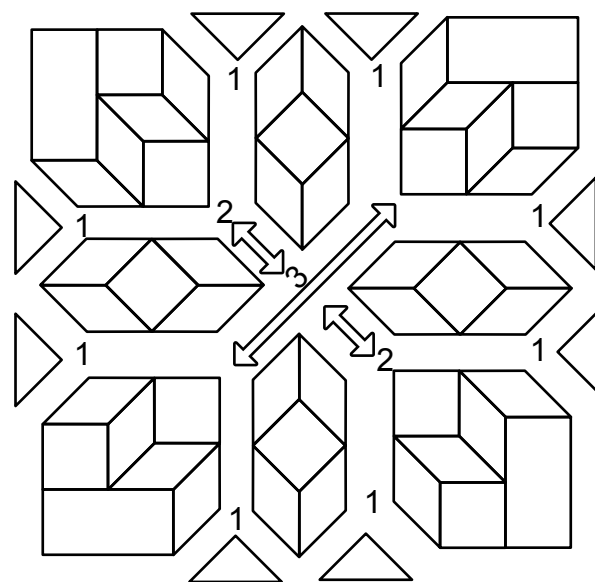
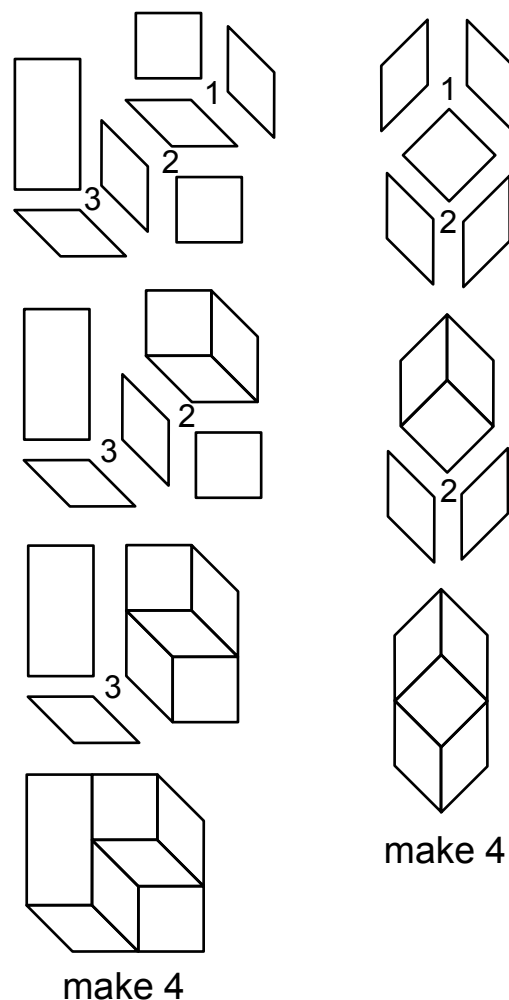
## Lone Star



Sew rhombuses in rows, sew rows together to make 8 large diamonds, then assemble like a LeMoyne Star.

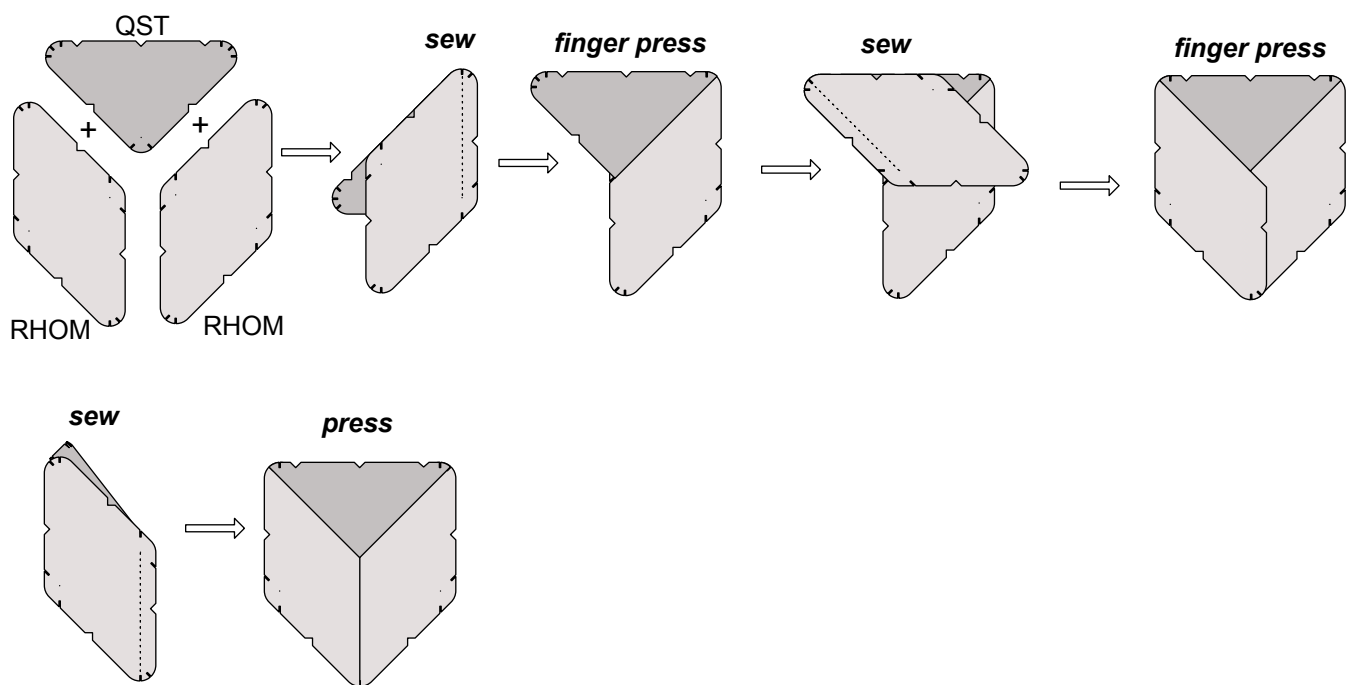
See the chart for the size of the corner squares and side triangles of this LONE STAR example.

## Carpenter's Wheel



Squares can be substituted with 2 triangles.  
Rectangles can be substituted with squares or triangles.

## 8-Pointed Star Y-Seam



## 8 Pointed Star-Type Blocks

Shape Set Size	LeMoyne Star	Carpenter's Wheel	Lone Star- 16 Rhombus per point
3 inch	6 inch	12 inch	24 inch
4 inch	8 inch	16 inch	32 inch
4.5 inch	9 inch	18 inch	36 inch
5 inch	10 inch	20 inch	40 inch
6 inch	12 inch	24 inch	48 inch

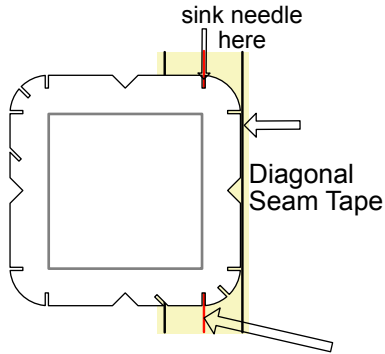
How to cut the corner squares and side triangles for a Lone Star:

Size of Star	Corner Squares		Width of Side Triangles*	
	Finish Size	Cut Size	Finish size	Cut Size
24 inch	7.03	7.53	9.94	11.15
32 inch	9.37	9.87	14.46	14.46
36 inch	10.54	11.04	16.12	16.12
40 inch	11.72	12.22	17.78	17.78
48 inch	14.06	14.56	21.09	21.09

\*cut as a square and divide into 4 quarter square triangles

# How to Sew using Diagonal Seam Tape

## Edge to Edge Seam: Singular Piecing Method



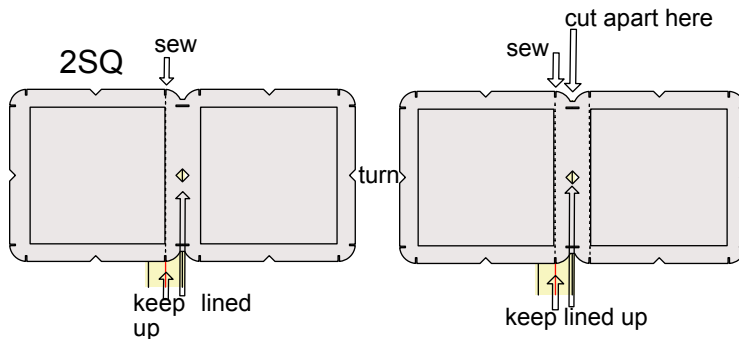
Use the needle notches and the seam notches cut into the seam allowances to line up the fabrics perfectly. Line up the edges with the line on the seam guide.

For a perfectly straight seam, keep this needle notch lined up with the center line on the seam tape as you sew the entire seam.

Diagonal seam tape is used as the seam guide through out the illustrations but any seam guide will work similarly.

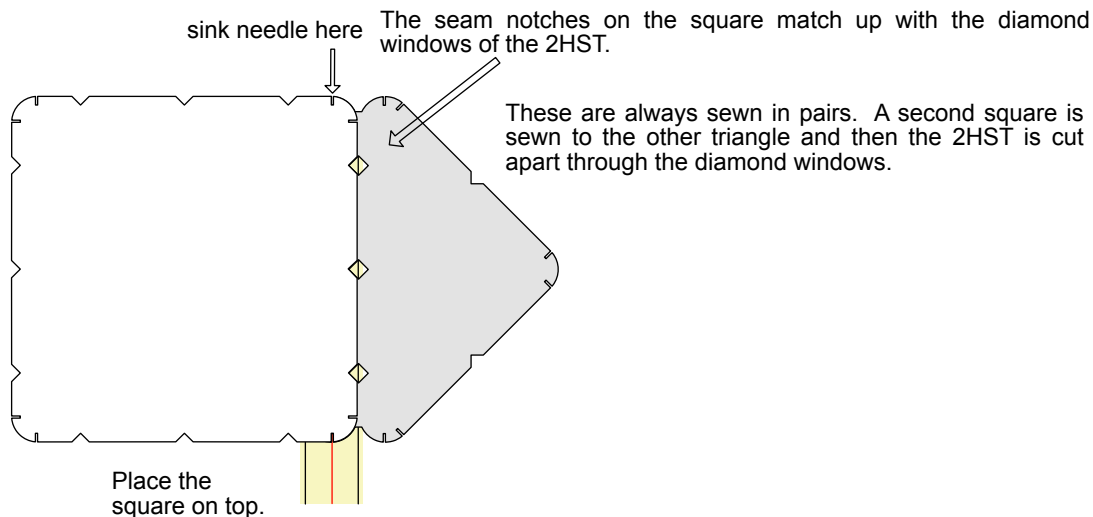
These shapes should never be trimmed or "squared up". All the notches and diamond windows are designed to help you achieve perfection in sewing. If your unit is not the correct size, look at the seam and see where your sewing went off and resew it. Trimming it to size also cuts down the needle notch which is your guide for next seam, only creating problems later down the line.

## Compound Shape Seams: Compound Piecing Method



Keep diamond windows and needle notches lined up with the black and red lines on the seam tape as you sew the entire seam. This is a simple example of how to sew a 2-square unit. The center seam is sewn on both sides of the diamond windows as shown and then cut apart giving you a pair of 2-square units each with a light and dark square.

## Edge to Compound Shape Seam: Dual Piecing Method



## Shape Size Guide - 8 Pointed Star

Shape name	Shape Abbrev	Finished Width-a	Finished Height-b	Finished Diag-c	Shape Set Size	Cut Width	Cut Height	Row	Colm	Layer	Stack	layer width	layer length	stack length
Quarter Square Tri	QST	2.484	1.242	1.757	3.0	3.724	3.724	20	2	40	320	19.6	8.2	66
Quarter Square Tri	QST	3.313	1.657	2.343	4.0	4.553	4.553	16	2	32	256	19.1	9.8	79
Quarter Square Tri	QST	3.727	1.864	2.636	4.5	4.967	4.967	12	2	24	192	15.7	10.7	86
Quarter Square Tri	QST	4.142	2.071	2.929	5.0	5.382	5.382	12	1	12	96	17.0	6.0	48
Quarter Square Tri	QST	4.970	2.485	3.515	6.0	6.210	6.210	12	1	12	96	19.4	6.9	56
Half Square Tri	HST	1.757	1.757	1.000	3.0	2.997	2.257	12	4	48	384	19.0	9.9	80
Half Square Tri	HST	2.343	2.343	3.313	4.0	3.583	2.843	10	3	30	240	18.9	9.3	75
Half Square Tri	HST	2.636	2.636	3.727	4.5	3.876	3.136	8	3	24	192	16.4	10.2	82
Half Square Tri	HST	2.929	2.929	4.142	5.0	4.169	3.429	8	3	24	192	17.6	11.1	89
Half Square Tri	HST	3.515	3.515	4.970	6.0	4.755	4.015	8	2	16	128	19.9	8.8	71
Rhombus-45°	RHOM	3.0	1.243	1.757	3.0	3.500	1.743	5	6	48	384	19.0	11.3	91
Rhombus-45°	RHOM	4.0	1.657	2.343	4.0	4.500	2.157	5	4	20	160	17.7	9.5	76
Rhombus-45°	RHOM	4.5	1.864	2.636	4.5	5.000	2.364	4	4	20	160	19.2	10.2	82
Rhombus-45°	RHOM	5.0	2.072	2.929	5.0	5.500	2.572	4	4	16	128	17.2	11.0	88
Rhombus-45°	RHOM	6.0	2.486	3.515	6.0	6.500	2.986	4	3	12	96	20.0	10.2	82
Square	SQ	1.757	1.757		3.0	2.257	2.257	8	4	32	256	19.3	9.9	80
Square	SQ	2.343	2.343		4.0	2.843	2.843	6	3	18	144	18.1	9.3	75
Square	SQ	2.636	2.636		4.5	3.136	3.136	6	3	18	144	19.9	10.2	82
Square	SQ	2.929	2.929		5.0	3.429	3.429	5	3	15	120	18.1	11.1	89
Square	SQ	3.515	3.515		6.0	4.015	4.015	4	2	8	64	16.9	8.8	71
Rectangle	RECT	3.514	1.757		3.0	4.014	2.257	4	4	16	128	16.9	9.9	80
Rectangle	RECT	4.686	2.343		4.0	5.186	2.843	3	3	9	72	16.4	9.3	75
Rectangle	RECT	5.272	2.636		4.5	5.772	3.136	3	3	9	72	18.1	10.2	82
Rectangle	RECT	5.858	2.929		5.0	6.358	3.429	3	3	9	72	19.9	11.1	89
Rectangle	RECT	7.030	3.515		6.0	7.530	4.015	2	2	4	32	15.8	8.8	71