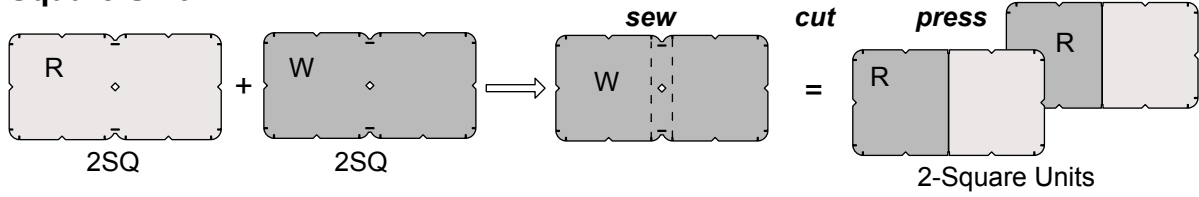


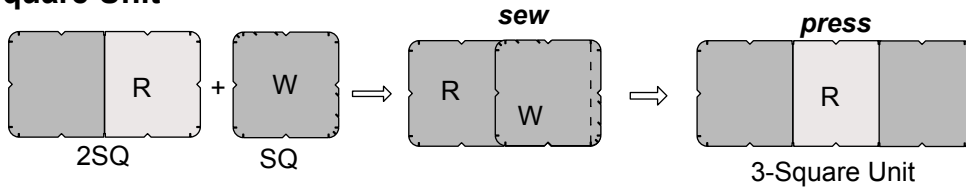
Squares



2-Square Unit

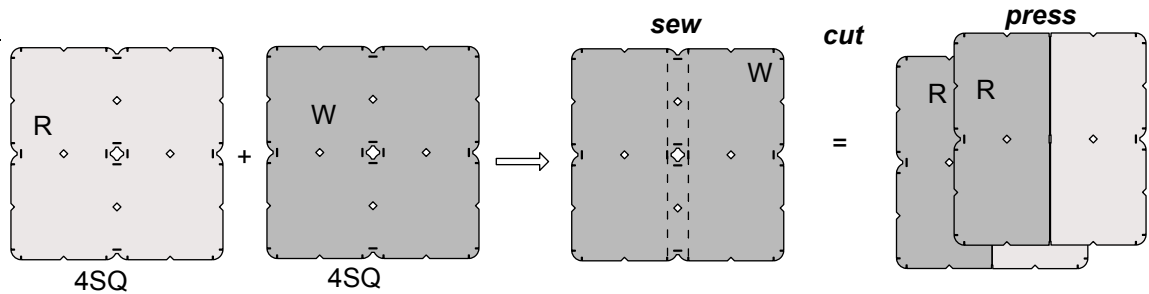


3-Square Unit

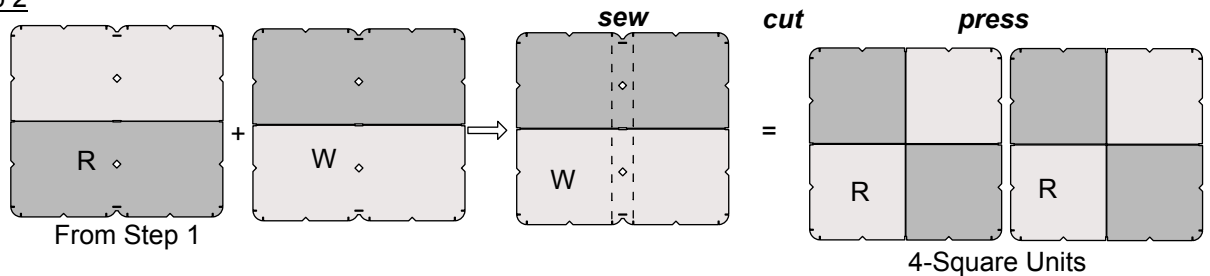


4-Square Units

Step 1

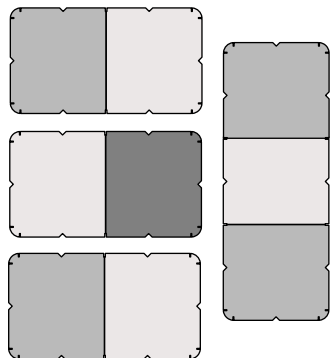


Step 2



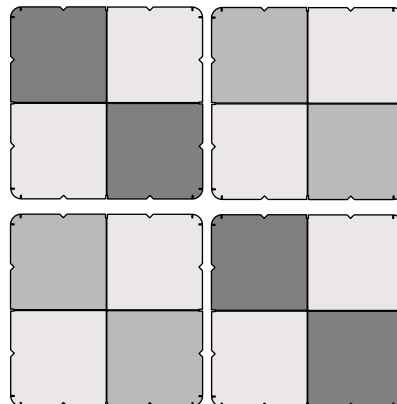
Combine 1SQ, 2SQ, 3SQ, and 4SQ units to make all sorts of pieced units.

9-Square Units



Make 3 2SQ units and 1 3SQ units

16-Square Units

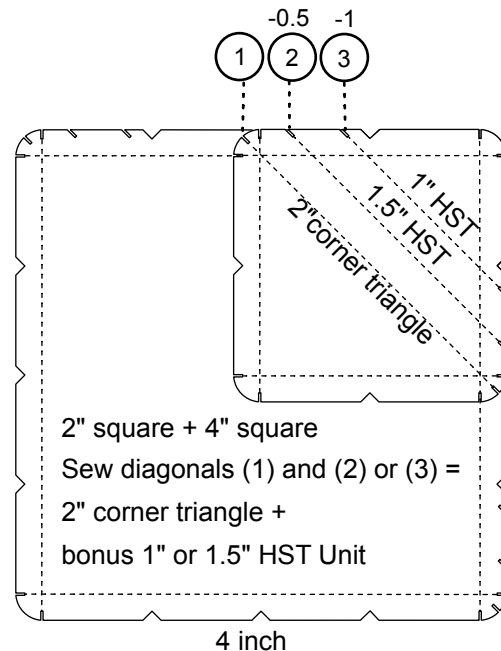
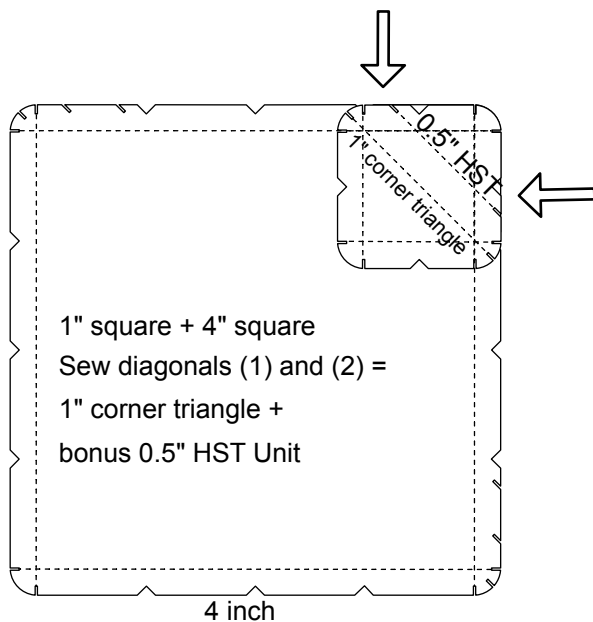
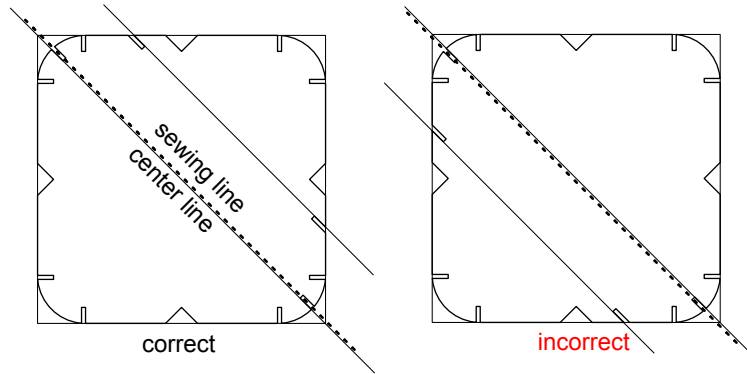


Make 4 4SQ units

Using Squares to make Corner Triangles

Diagonal needle notches are added to all square designs for the purposes of making corner triangles. A corner triangle can be made at any corner of any square or rectangle by placing a smaller square on the corner and sewing the center diagonal (1). To reduce waste, a bonus HST can be made at the same time by also sewing either diagonal (2) or (3). Diagonal (2) will make a 2HST unit that is 0.5 inch smaller than the square. Diagonal (3) will make one that is 1 inch smaller.

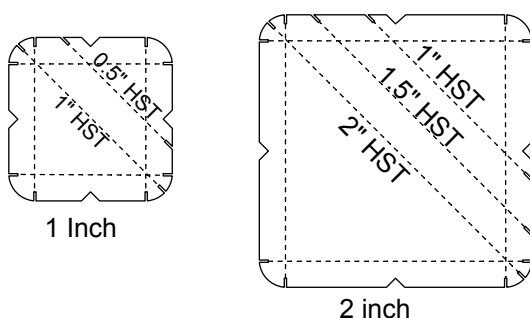
Always position the square with the diagonal notches touching the outside edge. The diagonal notches are positioned just inside the seam allowances so the stitching will fall in the seam allowance. When the triangle is folded open, the edges will be perfectly aligned with the edges of the larger shape. If the square is turned around, the triangle will be too small and not align with the edge. It seems petty but it does make a difference.



Sewing diagonal (2) will create an HST unit that is 0.5 inch smaller with a narrow seam allowance. Sewing diagonal (3) will create a HST unit that is 1 inch smaller with a generous seam allowance.

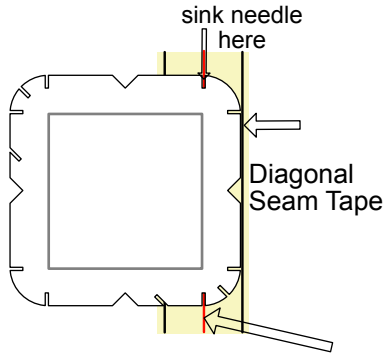
Using Squares to make Half Square Triangle Units

I only recommend this method for HST units if you need 2 sizes of HST units using the same fabrics. If you want to make half square triangle units that are all the same size and fabrics, use the 2HST design.



How to Sew using Diagonal Seam Tape

Edge to Edge Seam: Singular Piecing Method



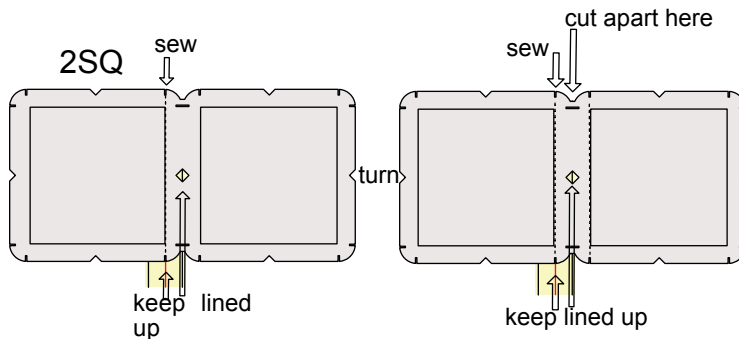
Use the needle notches and the seam notches cut into the seam allowances to line up the fabrics perfectly. Line up the edges with the line on the seam guide.

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.

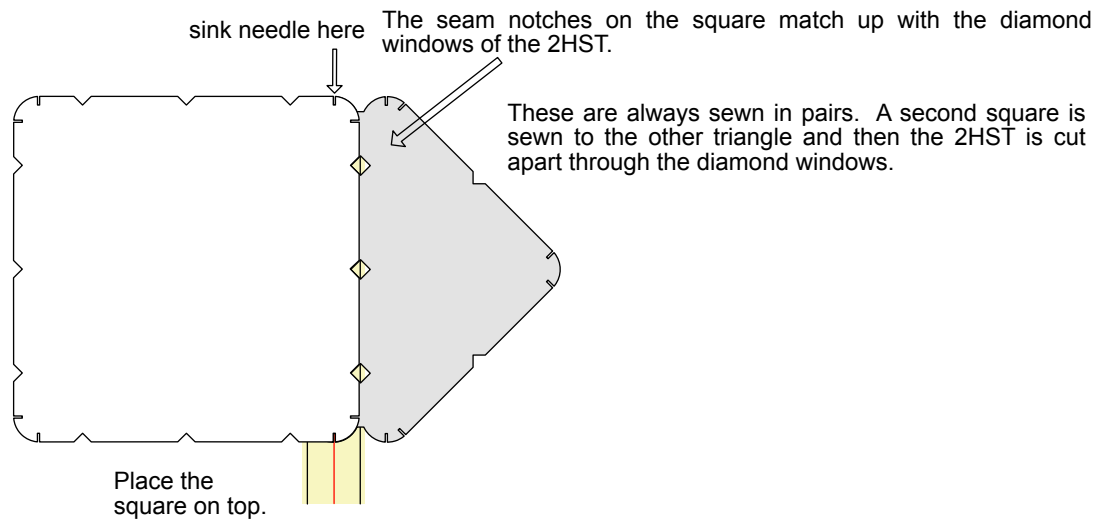
These shapes should never be trimmed or "squared up". All the notches and diamond windows are designed to help you achieve perfection in sewing. If your unit is not the correct size, look at the seam and see where your sewing went off and resew it. Trimming it to size also cuts down the needle notch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



Squares

Shape Size Guide

Shape Name	Shape Abbrev	Finished Width-a	Finished Height-b	Cut Width	Cut Height	Row	Colm	Layer	Stack	Layer Width	Layer Length	Stack Length
2-Square	2SQ	1.000	1.000	3.020	1.500	6	6	36	288	19.2	10.0	80
2-Square	2SQ	1.500	1.500	4.020	2.000	4	5	20	160	17.0	11.0	88
2-Square	2SQ	2.000	2.000	5.020	2.500	3	4	12	96	15.9	10.9	88
2-Square	2SQ	2.500	2.500	6.020	3.000	3	3	9	72	18.9	9.8	79
2-Square	2SQ	3.000	3.000	7.020	3.500	2	3	6	48	14.8	11.3	91
4-Square	4SQ	1.000	1.000	3.020	3.020	6	3	18	144	19.2	9.9	80
4-Square	4SQ	1.500	1.500	4.020	4.020	4	2	8	64	17.0	8.8	71
4-Square	4SQ	2.000	2.000	5.020	5.020	3	2	6	48	15.9	10.8	87
4-Square	4SQ	2.500	2.500	6.020	6.020	3	1	3	24	18.9	6.7	54
4-Square	4SQ	3.000	3.000	7.020	7.020	2	1	2	16	14.8	7.7	62
Square	SQ	1.000	1.000	1.500	1.500	12	6	72	576	19.5	10.0	80
Square	SQ	1.500	1.500	2.000	2.000	9	5	45	360	19.3	11.0	88
Square	SQ	2.000	2.000	2.500	2.500	7	4	28	224	18.6	10.9	88
Square	SQ	2.500	2.500	3.000	3.000	6	3	18	144	19.0	9.8	79
Square	SQ	3.000	3.000	3.500	3.500	5	3	15	120	18.5	11.3	91
Square	SQ	4.000	4.000	4.500	4.500	4	2	8	64	18.9	9.7	78
Square	SQ	5.000	5.000	5.500	5.500	3	1	3	24	17.3	6.1	49
Square	SQ	6.000	6.000	6.500	6.500	2	1	2	16	13.7	7.1	57