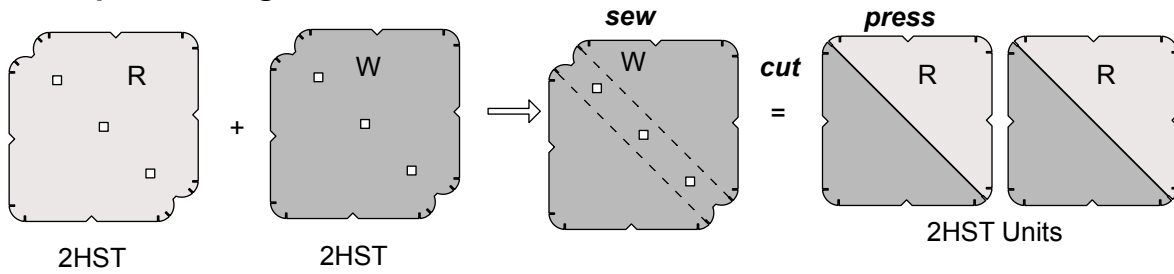


TRIANGLES

R = Right Side Up, W = Wrong Side Up

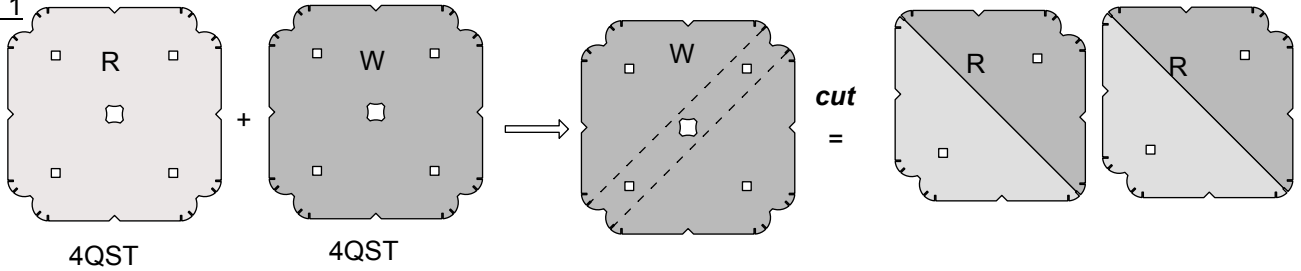


2-Half Square Triangle Unit

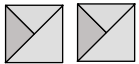
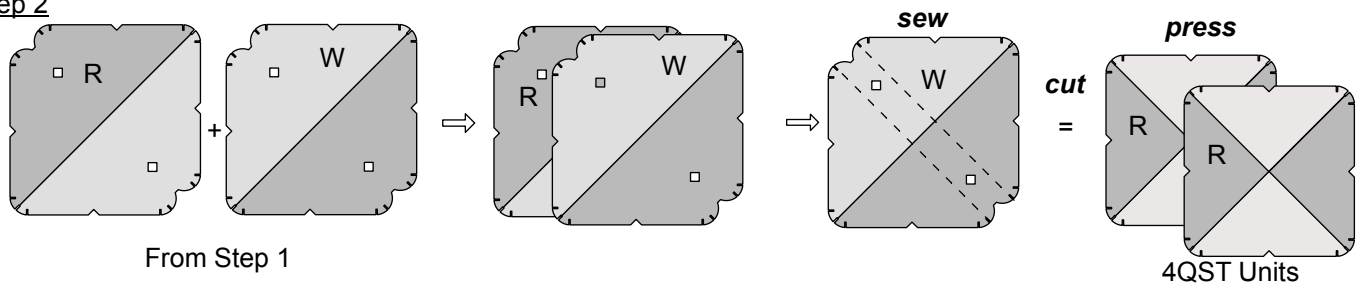


4-Quarter Square Triangle Unit

Step 1

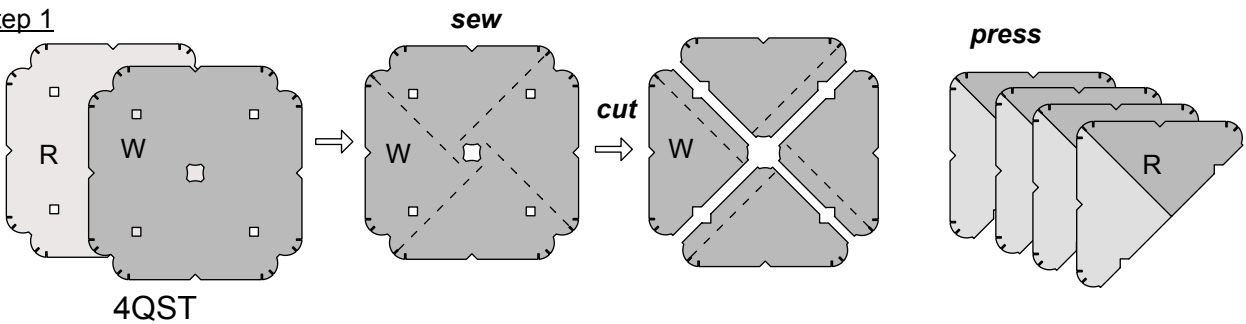


Step 2

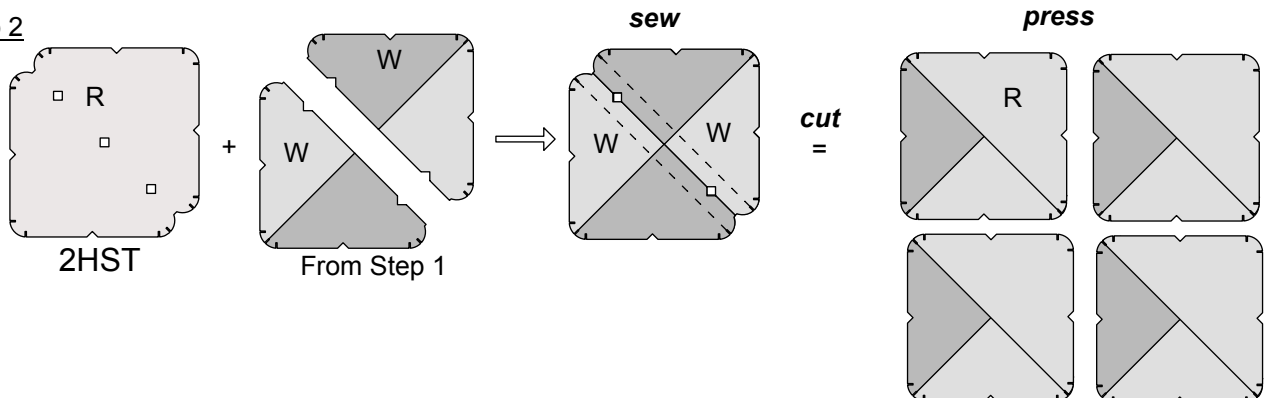


Identical Split Half Square Triangle Units

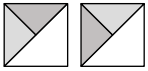
Step 1



Step 2

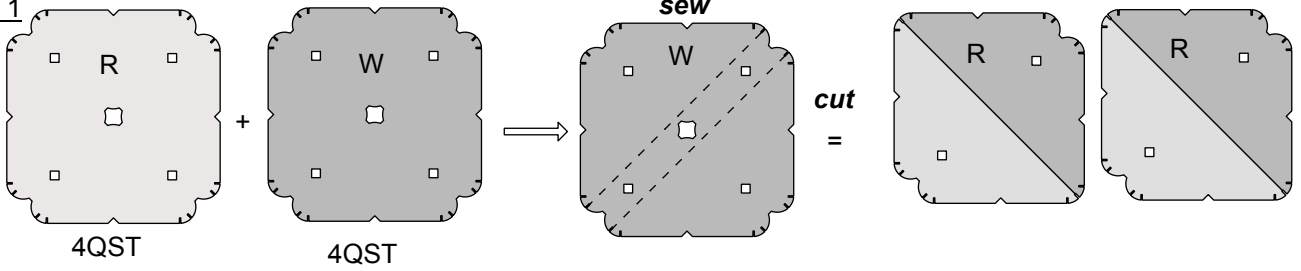


TRIANGLES

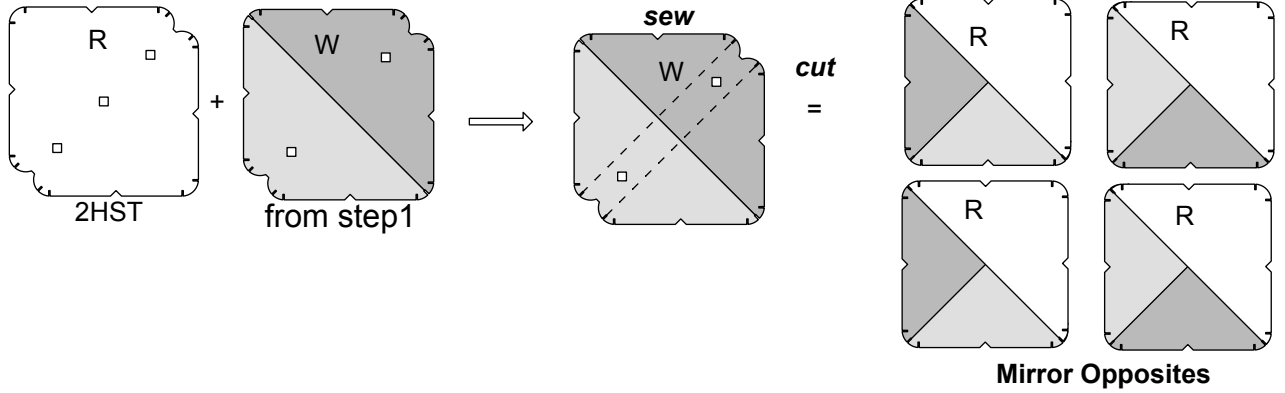


Mirror Opposite Split Half Square Triangle Unit

Step 1

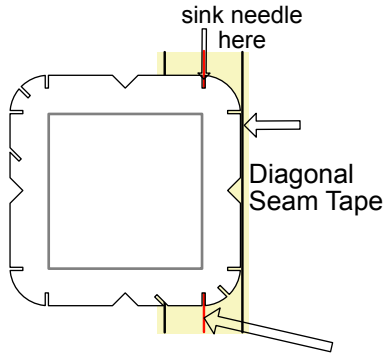


Step 2 - do twice



How to Sew using Diagonal Seam Tape

Edge to Edge Seam: Singular Piecing Method



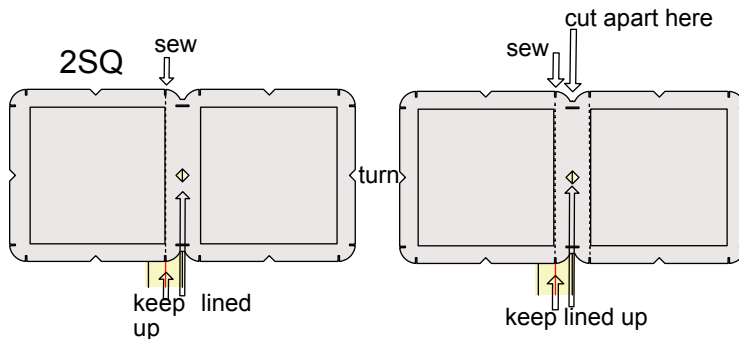
Use the needle notches and the seam notches cut into the seam allowances to line up the fabrics perfectly. Line up the edges with the line on the seam guide.

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.

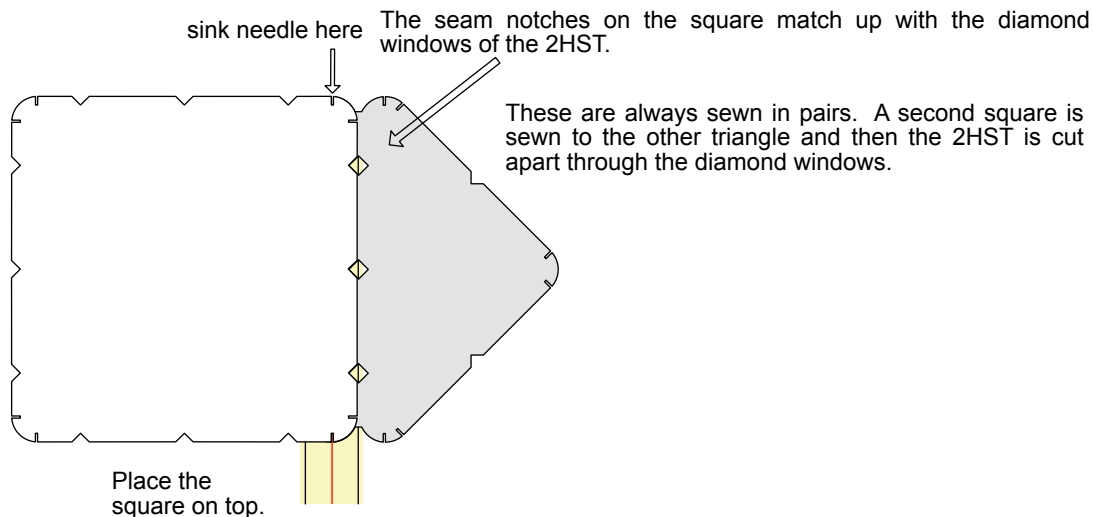
These shapes should never be trimmed or "squared up". All the notches and diamond windows are designed to help you achieve perfection in sewing. If your unit is not the correct size, look at the seam and see where your sewing went off and resew it. Trimming it to size also cuts down the needle notch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



Triangles (HST and QST)

Shape Size Guide

Shape Name	Shape Abbrev	Finished Width-a	Finished Height-b	Finished Diag-c	Cut Width	Cut Height	Row	Colm	Layer	Stack	Layer Width	Layer Length	Stack Length
2-Half Square Triangle	2HST	1.000	1.000	1.414	1.870	1.870	10	5	50	400	20.1	10.3	83
2-Half Square Triangle	2HST	1.500	1.500	2.121	2.370	2.370	8	4	32	256	20.2	10.4	84
2-Half Square Triangle	2HST	2.000	2.000	2.828	2.870	2.870	6	3	18	144	18.3	9.4	76
2-Half Square Triangle	2HST	2.500	2.500	3.536	3.370	3.370	5	3	15	120	17.8	10.9	88
2-Half Square Triangle	2HST	3.000	3.000	4.243	3.870	3.870	5	2	10	80	20.3	8.5	68
2-Half Square Triangle	2HST	4.000	4.000	5.657	4.870	4.870	4	2	8	64	20.4	10.5	84
2-Half Square Triangle	2HST	5.000	5.000	7.071	5.870	5.870	3	1	3	24	18.4	6.5	52
2-Half Square Triangle	2HST	6.000	6.000	8.485	6.870	6.870	2	1	2	16	14.5	7.5	60
Half Square Triangle	HST	1.000	1.000	1.414	2.240	1.500	16	6	96	768	19.1	10.0	80
Half Square Triangle	HST	1.500	1.500	2.121	2.740	2.000	12	5	60	480	17.5	11.0	88
Half Square Triangle	HST	2.000	2.000	2.828	3.240	2.500	10	4	40	320	17.2	10.9	88
Half Square Triangle	HST	2.500	2.500	3.535	3.740	3.000	10	3	30	240	19.7	9.8	79
Half Square Triangle	HST	3.000	3.000	4.242	4.240	3.500	8	3	24	192	17.8	11.3	91
Half Square Triangle	HST	4.000	4.000	5.656	5.240	4.500	6	2	12	96	16.5	9.7	78
Half Square Triangle	HST	5.000	5.000	7.070	6.240	5.500	6	1	6	48	19.5	6.1	49
Half Square Triangle	HST	6.000	6.000	8.484	7.240	6.500	4	1	4	32	15.2	7.1	57
2-Quarter Square Triangle	2QST	1.000	0.500	0.707	2.607	1.870	14	5	70	560	19.4	10.3	83
2-Quarter Square Triangle	2QST	1.500	0.750	1.061	3.107	2.370	12	4	48	384	19.7	10.4	84
2-Quarter Square Triangle	2QST	2.000	1.000	1.414	3.607	2.870	10	3	30	240	19.0	9.4	76
2-Quarter Square Triangle	2QST	2.500	1.250	1.768	4.107	3.370	8	3	24	192	17.3	10.9	88
2-Quarter Square Triangle	2QST	3.000	1.500	2.121	4.607	3.870	8	2	16	128	19.3	8.5	68
2-Quarter Square Triangle	2QST	4.000	2.000	2.828	5.607	4.870	6	2	12	96	17.6	10.5	84
2-Quarter Square Triangle	2QST	5.000	2.500	3.535	6.607	5.870	4	1	4	32	13.9	6.5	52
2-Quarter Square Triangle	2QST	6.000	3.000	4.242	7.607	6.870	4	1	4	32	15.9	7.5	60
4-Quarter Square Triangle	4QST	1.000	0.500	0.707	2.240	2.240	8	4	32	256	19.1	9.8	79
4-Quarter Square Triangle	4QST	1.500	0.750	1.061	2.740	2.740	6	3	18	144	17.5	9.0	72
4-Quarter Square Triangle	4QST	2.000	1.000	1.414	3.240	3.240	5	3	15	120	17.2	10.5	84
4-Quarter Square Triangle	4QST	2.500	1.250	1.768	3.740	3.740	5	2	10	80	19.7	8.2	66
4-Quarter Square Triangle	4QST	3.000	1.500	2.121	4.240	4.240	4	2	8	64	17.8	9.2	74
4-Quarter Square Triangle	4QST	4.000	2.000	2.828	5.240	5.240	3	2	6	48	16.5	11.2	90
4-Quarter Square Triangle	4QST	5.000	2.500	3.535	6.240	6.240	3	1	3	24	19.5	6.9	56
4-Quarter Square Triangle	4QST	6.000	3.000	4.242	7.240	7.240	2	1	2	16	15.2	7.9	64
Quarter Square Triangle	QST	1.000	0.500	0.707	2.240	2.240	32	4	128	1024	19.1	9.9	80
Quarter Square Triangle	QST	1.500	0.750	1.061	2.740	2.740	24	3	72	576	17.5	9.0	72
Quarter Square Triangle	QST	2.000	1.000	1.414	3.240	3.240	20	3	60	480	17.2	10.5	84
Quarter Square Triangle	QST	2.500	1.250	1.768	3.740	3.740	20	2	40	320	19.7	8.2	66
Quarter Square Triangle	QST	3.000	1.500	2.121	4.240	4.240	16	2	32	256	17.8	9.2	74
Quarter Square Triangle	QST	4.000	2.000	2.828	5.240	5.240	12	2	24	192	16.5	11.2	90
Quarter Square Triangle	QST	5.000	2.500	3.535	6.240	6.240	12	1	12	96	19.5	6.9	56
Quarter Square Triangle	QST	6.000	3.000	4.242	7.240	7.240	8	1	8	64	15.2	7.9	64