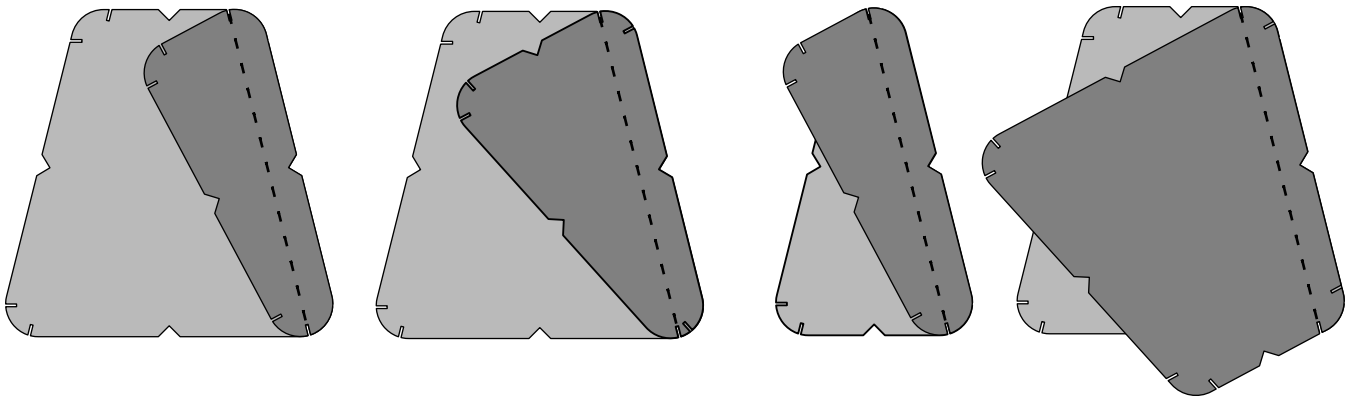
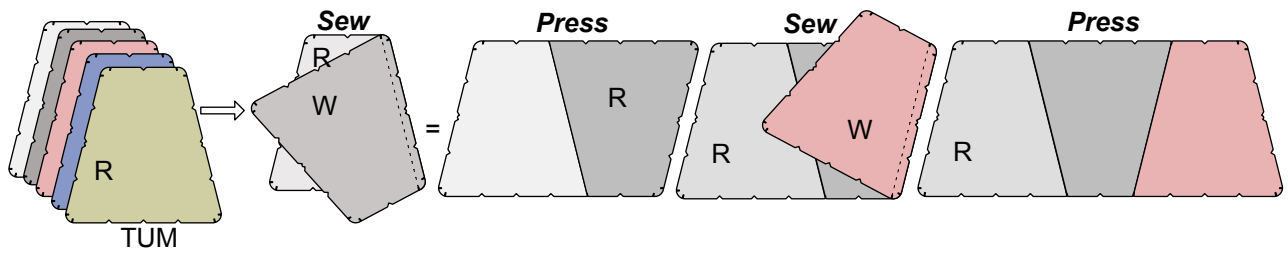


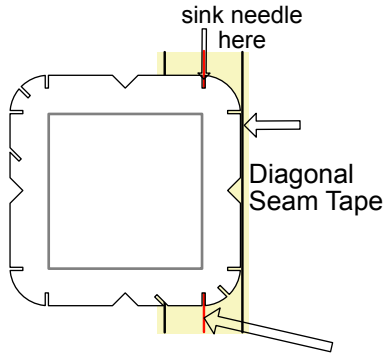
Tumbler Set

Assemble in rows.



How to Sew using Diagonal Seam Tape

Edge to Edge Seam: Singular Piecing Method



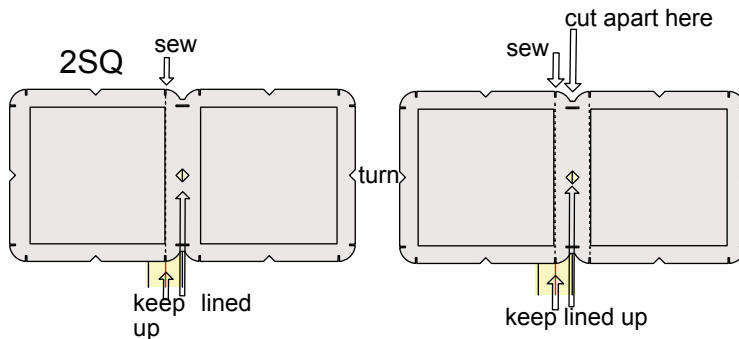
Use the needle notches and the seam notches cut into the seam allowances to line up the fabrics perfectly. Line up the edges with the line on the seam guide.

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.

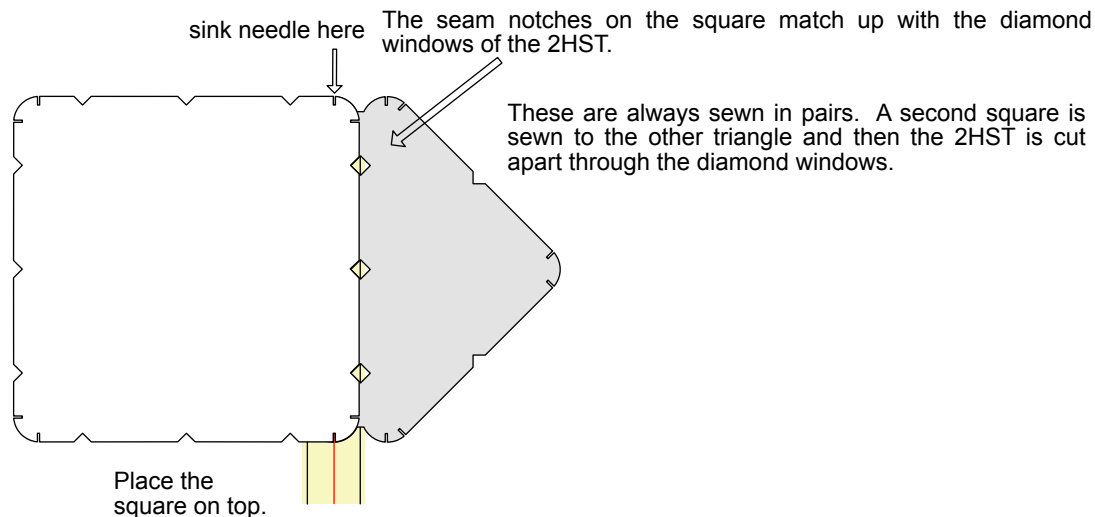
These shapes should never be trimmed or "squared up". All the notches and diamond windows are designed to help you achieve perfection in sewing. If your unit is not the correct size, look at the seam and see where your sewing went off and resew it. Trimming it to size also cuts down the needle notch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

Shape name	Shape Abbrev	Finished Width-a	Finished Height-b	Finished Diag-c	Finished Side-d	Cut Width	Cut Height	Row	Colm	Layer	stack	layer width	layer length	stack length
Right Triangle	RTRI	0.500	2.000	2.062		1.000	2.500	24	4	96	768	19.5	10.7	86
Right Triangle	RTRI	0.750	3.000	3.092		1.250	3.500	20	3	60	480	19.0	11.2	90
Right Triangle	RTRI	1.000	4.000	4.123		1.500	4.500	18	2	36	288	19.4	9.5	76
Right Triangle	RTRI	1.250	5.000	5.154		1.750	5.500	16	1	16	128	19.5	6.0	48
Tumbler	TUM	2.000	2.000	2.062	1.000	2.500	2.500	9	4	36	288	19.5	10.7	86
Tumbler	TUM	3.000	3.000	3.092	1.500	3.500	3.500	6	3	18	144	18.1	11.2	90
Tumbler	TUM	4.000	4.000	4.123	2.000	4.500	4.500	5	2	10	80	19.3	9.5	76
Tumbler	TUM	5.000	5.000	5.154	2.500	5.500	5.500	4	1	4	32	19.0	6.0	48
Isosceles Triangle	ITRI	1.000	2.000	2.062		1.500	2.500	17	4	68	544	19.3	10.7	86
Isosceles Triangle	ITRI	1.500	3.000	3.092		2.000	3.500	14	3	42	336	20.0	11.2	90
Isosceles Triangle	ITRI	2.000	4.000	4.123		2.500	4.500	11	2	22	176	19.0	9.5	76
Isosceles Triangle	ITRI	2.500	5.000	5.154		3.000	5.500	9	1	9	72	18.5	6.0	48