

Quilt Math: Half Square Triangle Blocks

Use this chart to calculate the size square you need to cut to get the finished HST size you need for the project. This method makes [2] HSTs at a time.

Finished Block Size (without Seam Allowance)	Finished Block Size (with Seam Allowance)	Cut Square Size
2	2-1/2	3
2-1/2	3	3-1/2
3	3-1/2	4
3-1/2	4	4-1/2
4	4-1/2	5
4-1/2	5	5-1/2
5	5-1/2	6
5-1/2	6	6-1/2
6	6-1/2	7
6-1/2	7	7-1/2
7	7-1/2	8
7-1/2	8	8-1/2
8	8-1/2	9
8-1/2	9	9-1/2
9	9-1/2	10
9-1/2	10	10-1/2
10	10-1/2	11
10-1/2	11	11-1/2
11	11-1/2	12
11-1/2	12	12-1/2
12	12-1/2	13

1. **Match two squares** right sides together.
2. **Mark a line** diagonally corner to corner and sew 1/4 inch on both sides of the line.
3. **Cut** on the marked line.
4. **Press** sewn blocks open and trim to the correct size.