

Cutting Side and Corner Triangles for On-Point Settings

If you are using an on-point layout, you will usually need to cut quarter-square triangles to fill in the sides, and half-square triangles for the corners of the quilt. I got tired of working out the math each time, so I've prepared this reference chart. The measurements are rounded up, so some trimming may be needed after the top is assembled. (For sizes not shown, use calculator with factors shown in the last row.)

Finished Block Size (not including seam allowances)	Cut square size for side triangles. Cut each square twice on the diagonal to make 4 triangles.	Cut square size for corner triangles. Cut each square once on the diagonal to make 2 triangles.
5"	8 3/8"	4 1/2"
6"	9 3/4"	5 1/8"
7"	11 1/4"	5 7/8"
8"	12 5/8"	6 5/8"
9"	14"	7 1/4"
10"	15 1/2"	8"
11"	16 7/8"	8 3/4"
12"	18 1/4"	9 3/8"
13"	19 3/4"	10 1/8"
14"	21 1/8"	10 7/8"
15"	22 1/2"	11 1/2"
16"	23 7/8"	12 1/4"
Other Sizes	Multiply finished square size by 1.414 and add 1.25. Round up to nearest 1/8".	Divide finished square size by 1.414 and add .875. Round up to nearest 1/8".