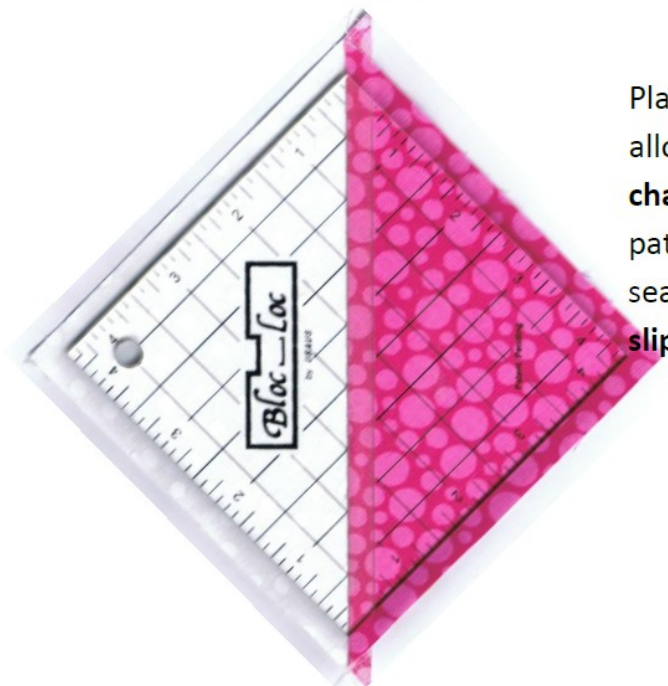# How to Use Bloc_Loc®

Place your Bloc_Loc® Ruler onto the seam allowance of the half-square triangle so that the **channel is aligned** and the corners match. The patent pending channel will easily fit over the seam allowance, **eliminating all rocking and slipping**! Trim the first two sides.

Rotate Bloc_Loc® either clockwise or counter-clockwise so that you can trim the other two sides. **It isn't necessary to use a turn-table** because the half-square triangle can rotate with Bloc_Loc®.
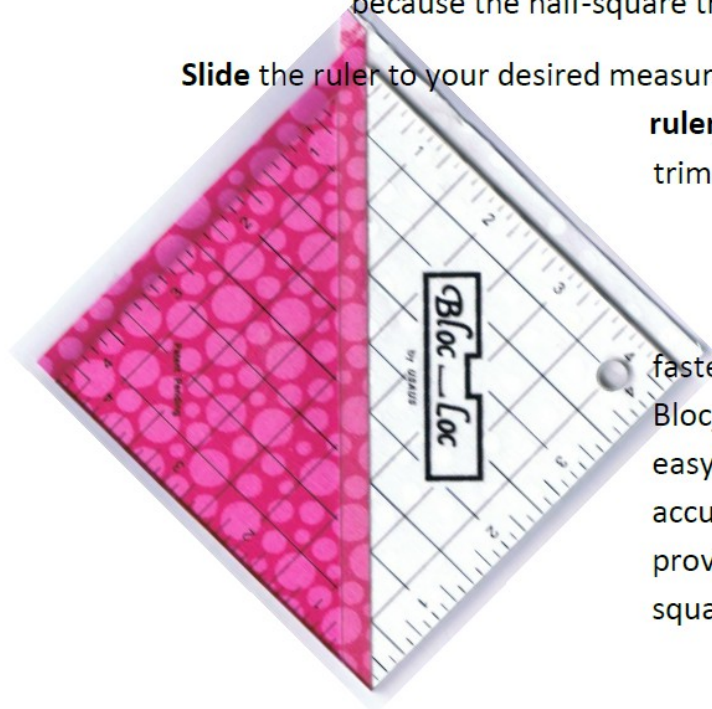
Slide the ruler to your desired measurement—**it isn't necessary to pick up the ruler**, just slide it along the seam allowance and trim.

Squaring up with Bloc_Loc® is easier, faster, safer, more precise (and a lot more fun)! Bloc_Loc® Rulers are made of clear acrylic with easy to read markings to 1/8", laser-cut for accuracy and the patent pending channel provides all the fun when squaring up half-square triangles!

Bloc_Loc

Half-Square Triangle Acrylic Square–Up Ruler

For Rulers 1 ½"—6 ½" Square

Chart for Cutting, Marking, Figuring Yardage and Squaring-Up

It's So Easy: Finished Size HST + 1"

| Half-Square Triangle *Finished Size*	Half-Square Triangle *Unfinished Size* (Square up Size)	Strip Size Width x Length*	Mark Perpendicular Line Every…. (& then mark diagonal lines)	1 Sewn Strip Set = # of Half-Square Triangles	Calculate How Many Strip Sets to Make	Calculate How Much Yardage You Need
1"	1 ½"	2" x 40"	2"	40	# of HST needed ÷ 40 = # of Strip Sets	# of Strip Sets x 2" = # of Yardage in Inches
1 ½"	2"	2 ½" x 40"	2 ½"	32	# of HST needed ÷ 32 = # of Strip Sets	# of Strip Sets x 2.5" = # of Yardage in Inches
2"	2 ½"	3" x 40"	3"	26	# of HST needed ÷ 26 = # of Strip Sets	# of Strip Sets x 3" = # of Yardage in Inches
2 ½"	3"	3 ½" x 40"	3 ½"	22	# of HST needed ÷ 22 = # of Strip Sets	# of Strip Sets x 3.5" = # of Yardages in Inches
3"	3 ½"	4" x 40"	4"	20	# of HST needed ÷ 20 = # of Strip Sets	# of Strip Sets x 4" = # of Yardage in Inches
3 ½"	4"	4 ½" x 40"	4 ½"	16	# of HST needed ÷ 16 = # of Strip Sets	# of Strip Sets x 4.5" = # of Yardage in Inches
4"	4 ½"	5" x 40"	5"	16	# of HST needed ÷ 16 = # of Strip Sets	# of Strip Sets x 5" = # of Yardage in Inches
4 ½"	5"	5 ½" x 40"	5 ½"	14	# of HST needed ÷ 14 = # of Strip Sets	# of Strip Sets x 5.5" = # of Yardage in Inches
5"	5 ½"	6" x 40	6"	12	# of HST needed ÷ 12 = # of Strip Sets	# of Strip Sets x 6" = # of Yardage in Inches
5 ½"	6"	6 ½" x 40	6 ½"	12	# of HST needed ÷ 12 = # of Strip Sets	# of Strip Sets x 6.5" = # of Yardage in Inches
6"	6 ½"	7" x 40"	7"	10	# of HST needed ÷ 10 = # of Strip Sets	# of Strip Sets x 7" = # of Yardage in Inches
6 ½"	7"	7 ½" x 40"	7 ½"	10	# of HST needed ÷ 10 = # of Strip Sets	# of Strip Sets x 7.5" = # of Yardage in Inches

Half-Square Triangle *Finished* Size	Half-Square Triangle *Unfinished* Size (Square Up Size)	Strip Size Width x Length*	Mark Perpendicular Lines Every… (& then mark diagonal lines)	1 Sewn Strip Set = # of Half-Square Triangles	Calculate How Many Strip Sets to Make	Calculate How Much Yardage You Need
7"	7 ½"	8"x 40"	8"	10	# of HST needed ÷ 10 = # of Strip Sets	# of Strip Sets x 8" = # of Yardage in Inches
7 ½"	8"	8 ½"x 40"	8 ½"	9	# of HST needed ÷ 9 = # of Strip Sets	# of Strip Sets x 8 ½" = # of Yardage in Inches
8"	8 ½"	9"x 40"	9"	8	# of HST needed ÷ 8 = # of Strip Sets	# of Strip Sets x 9" = # of Yardage in Inches
8 ½"	9"	9 ½"x 40"	9 ½"	8	# of HST needed ÷ 8 = # of Strip Sets	# of Strip Sets x 9 ½" = # of Yardage in Inches
9"	9 ½"	10"x 40"	10"	8	# of HST needed ÷ 8 = # of Strip Sets	# of Strip Sets x 10" = # of Yardage in Inches
9 ½"	10"	10 ½" x 40"	10 ½"	6	# of HST needed ÷ 6 = # of Strip Sets	# of Strip Sets x 10 ½" = # of Yardage in Inches
10"	10 ½"	11"x 40"	11"	6	# of HST needed ÷ 6 = # of Strip Sets	# of Strip Sets x 11" = # of Yardage in Inches
10 ½"	11"	11 ½" x 40"	11 ½"	6	# of HST needed ÷ 6 = # of Strip Sets	# of Strip Sets x 11 ½" = # of Yardage in Inches
11"	11 ½"	12"x 40"	12"	6	# of HST needed ÷ 6 = # of Strip Sets	# of Strip Sets x 12" = # of Yardage in Inches
11 ½"	12"	12 ½" x 40"	12 ½"	6	# of HST needed ÷ 6 = # of Strip Sets	# of Strip Sets x 12 ½" = # of Yardage in Inches
12"	12 ½"	13"x 40"	13"	6	# of HST needed ÷ 6 = # of Strip Sets	# of Strip Sets x 13" = # of Yardage in Inches

* Based on 40"of usable fabric.   HST-"Half-Square Triangle

Tip: Starch all fabric and make sure it's dry before cutting strips and marking with a pencil (mechanical is best). Your half-square triangles will turn out great!
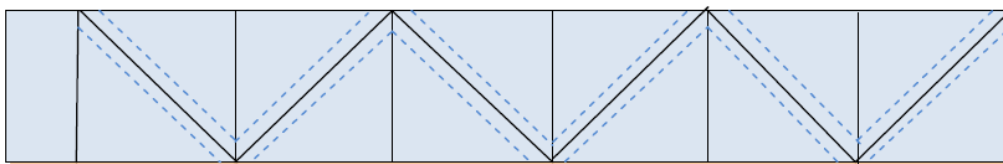
How to Make Half-Square Triangles

Determine the finished size of the half-square triangle (hst) that your project requires. For example, let's say it is 2 ½" x 2 ½" finished, which means it must be 3" x 3" unfinished. This is the size for squaring-up. Now, locate on the chart the strip size—for a 2 ½" finished hst, the strip size measures 3 ½" x 40". You'll need to cut two fabric strips that measure 3 ½" x 40" and place them right sides together.
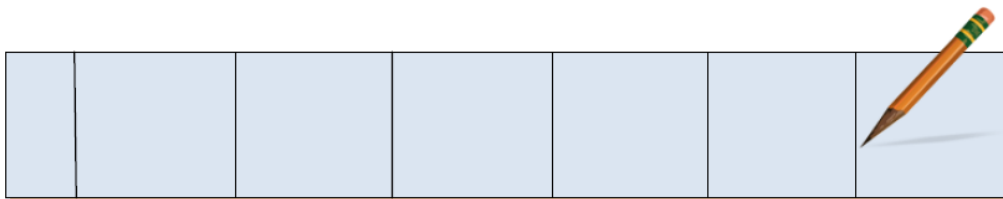
Next, draw perpendicular lines every 3 ½" all along the strip.
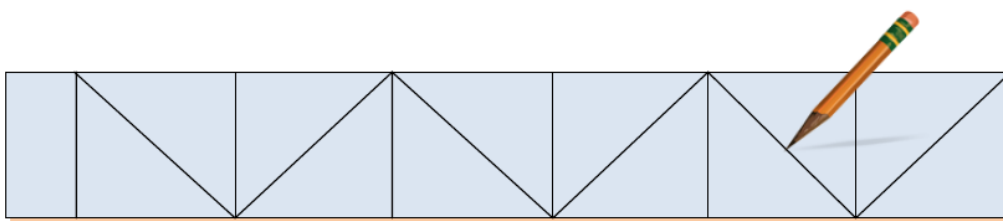
Then, draw diagonal lines from corner to corner in each 3 ½"x 3 ½"square, alternating as shown.

Stitch ¼" along each side of your drawn line.
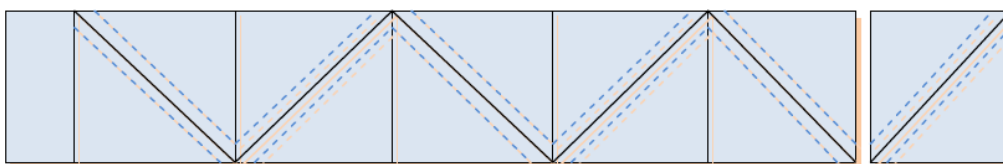
Next, cut along all of your drawn lines, both perpendicular and diagonal, being careful *not* to cut into your stitching lines.
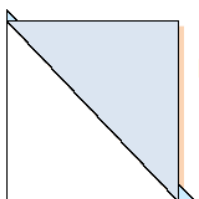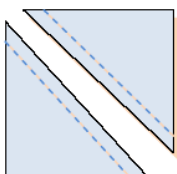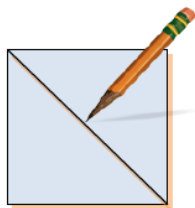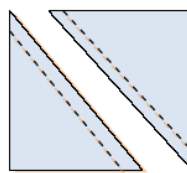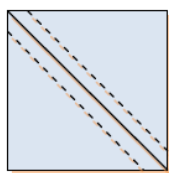
Press the seam to one side.

Scrappy Half-Square Triangles (HST)

Determine the finished size half-square triangle you need for your project and then add 1". This is the measurement you cut squares of varying fabrics (instead of strips).

Example: For a 2 ½"x 2 ½"HST, cut 2 squares 3 ½"x 3 1/2".

With right sides together, place 1 square on top of the other and draw a line diagonally from corner to corner as shown.

Next, stitch ¼" away from each side of your drawn line. Cut on the drawn line to separate the two half-square triangles and press the seams to one side. Use Bloc Loc to square up as usual.

Remember, for every pair of squares sewn as above, you get 2 half-square triangles.