Multiple Half Square Triangles using the Westalee Design Adjustable Triangle and Ruler

There are many ways to make Half Square Triangles and like many of you I have probably tried most of them with varying degrees of satisfaction. The method explained below, using my Adjustable Half Square Triangle, will give you the best way of getting multiple half square units quickly, easily and accurately and without all the trimming.

There is a video on our web site at www,westalee.com.au

***Always press fabric before cutting**.
Creases and folds in your fabric make cutting difficult and inaccurate.

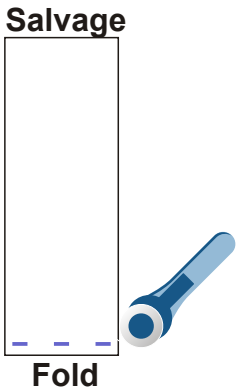
*** Layer the fabric, right sides together**

***Always use a sharp rotary cutter** and hold the blade at a right angle to your cutting mat. *Remember that a blunt blade is more dangerous than a sharp one. A new blade will cost less than wasted fabric and it is easier on your hands, wrists, shoulders and back to use a sharp blade.*

*** Cut the fabric to the required width using the Cutting Table below**

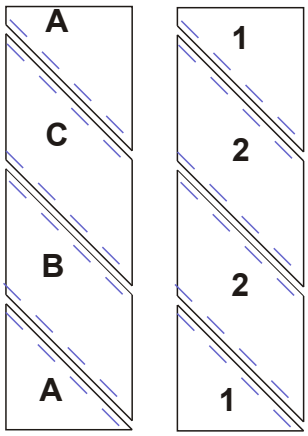
*** Cut the fabric in half at the fold.**

***Always use a sharp rotary cutter**

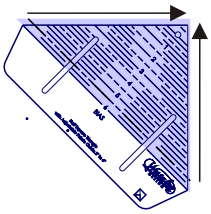


*** Set the Half Square Triangle to the desired measurement.**
Remember that the measurement on the triangle is the finished unit size 1/4" seam allowances have been included. Setting the guide at the 6 mark will give you a finished unit measuring 6" (6 1/2" including seam allowance.)

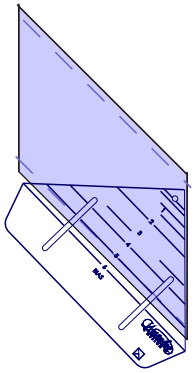
This example shows the number of finished half square units from a single strip - If you wanted a 4" finished unit, you would cut your two pieces of fabric in a strip 5"wide, then after stitching and cutting as per the instructions, you would get 16 finished Half Square Units.
You can cut wider strips by adding the measurement of the single strip width.



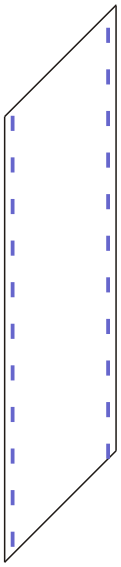
Cut strips on the BIAS to ensure that the BIAS is not on the outside of the unit or the quilt.



Cut A will yield 1 finished unit.



Cut B and CUT C will yield 2 finished units.



Stitch both sides of the strip using a SCANT QUARTER INCH seam allowance.

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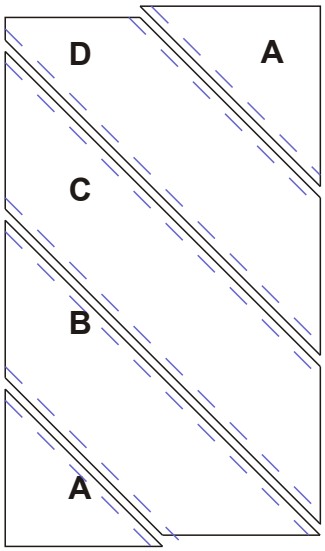
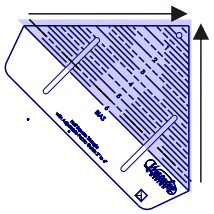
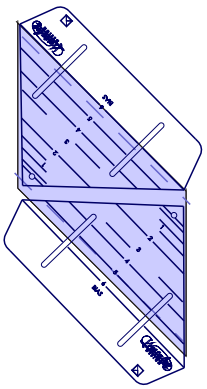
This example shows unit numbers when the strip width is doubled - If you selected a 4" finished unit then you will get 32 finished Half Square Units from a strip of your two pieces of fabric cut 10" wide

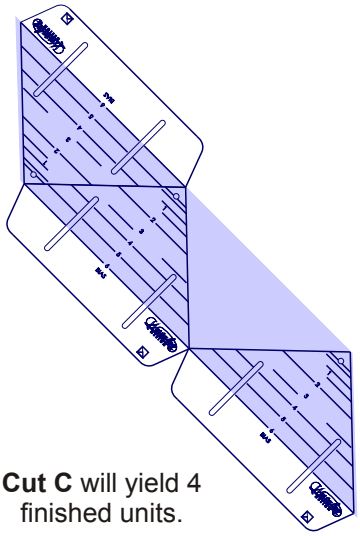




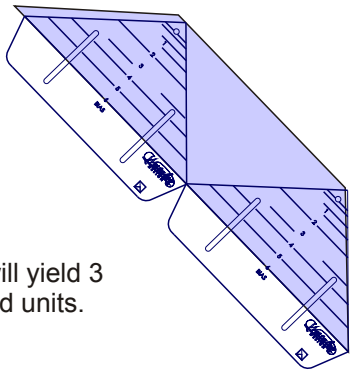
Cut A will yield 1 finished unit.



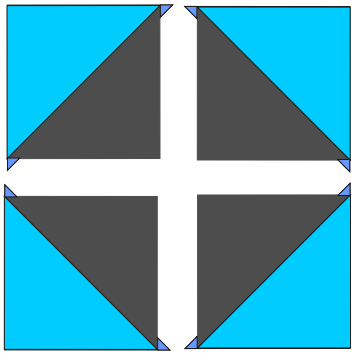
Cut B will yield 2 finished units.



Cut C will yield 4 finished units.



Cut D will yield 3 finished units.



Carefully press seams and remove the dog ears. The Half Square Triangle Unit is now complete.
Remember that this unit will measure ½" larger because it includes the seam allowances.

Cutting Table - Half Square Triangles
Using 44" wide fabric - Numbers based on two pieces of fabric

Finished Unit Size in Inches	Single Strip Width	Qty of finished H/S triangles	Double Strip Width	Number of single Triangles
1	2"	44	4"	88
2	3"	28	6"	56
3	4"	20	8"	40
4	5"	16	10"	32
5	6"	12	12"	24
6	7"	12	14"	24
7	8"	8	16"	16
8	9"	8	18"	16
9	10"	8	20"	16
10	11"	8	22"	16
11	12"	4	24"	8
12	13"	4	26"	8

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