

# DESIGN N STITCH

*with Quilters Select*

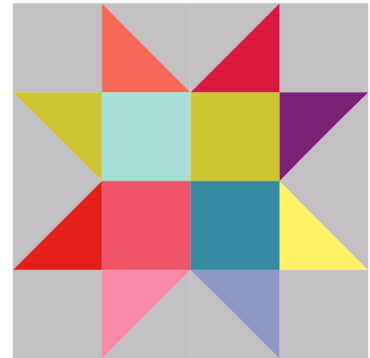
## Skill Builder Series with Quilters Select

### Technique Featured:

- Speed Piecing
  - 4 at a time Half Square Units

### Pro-Tips:

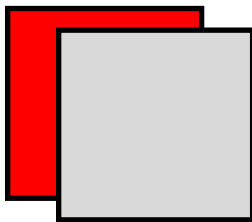
- 4 at a Time HST best used for solids or scatter prints.
- Note that this method results in the bias edges being placed on the outside edge of the units. Take care not to stretch.
- Read through all instructions before beginning.
- Seam Allowance= 1/4"



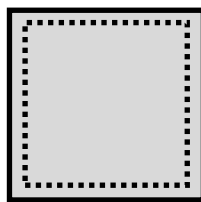
## Four at a Time HST

Fabric (D): Four 6" squares & Four Background 6" squares.

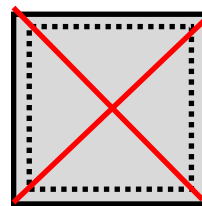
- Place Fabric (D) and Background 6" squares right sides together.
- Stitch around all 4 edges.
- Cut units from corner to corner in both directions.
- Open each resulting half-square unit. Press seam allowance open; trim unit to 3 1/2".
- Repeat for remaining Fabric (D) and Background 6" squares for a total of 16 half square units.



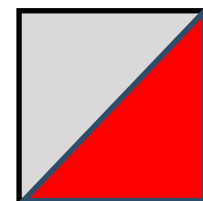
Fabric B+E RST



Stich 1/4" away from out side edges



Cut from corner to corner in both directions



Press and trim to 3 1/2"  
Make 16.



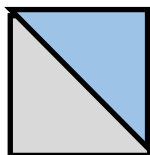
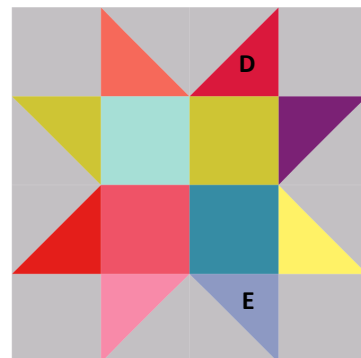
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## Four at a Time Half Square Triangle Units *cont:*

Repeat the process:

- Fabric (E): Four 6" squares & Four Background 6" squares.



Make 16 3 1/2" x 3 1/2"

## Four at a Time Half Square Triangle Units *The Math:*

1. Determine the UNFINISHED size of the HST block (For the star block the UNFINISHED unit is 3 1/2" to include the seam allowance. The unit will finish at 3" when the block is complete).
2. Divide the UNFINISHED size by .64.
3. Round up 1/2" to 1" for added "wiggle room" to trim the units.

Example: to create a finished 5" HST unit: add the seam allowance (1/2") to determine the UNFINISHED size. Divide  $5.5 / .64 = 8.593$ . Add up to 1" of wiggle room = 9.5".



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Four at a Time Half Square Triangle Units :

Starting Square =  
 (Desired Finished Size + .5")/.64  
 Round up .5-1"

<i>Finished HST Unit</i>	<i>Trim Units To:</i>	<i>Starting Squares( Rounded) Cut 2</i>	<i>Calculated Size</i>
1"	1.5"	3"	2.34
1.5"	2"	4"	3.13
2"	2.5"	4.5"	3.91
2.5"	3"	5.25	4.69
3"	3.5"	5.5"	5.47
3.5"	4"	7"	6.25
4"	4.5"	7.5"	7.03
4.5"	5"	7.5"	7.81
5"	5.5"	9.5	8.59
5.5"	6"	10"	9.38
6"	6.5"	10.75"	10.16
6.5"	7"	11.5"	10.94
7"	7.5"	12.25"	11.72
7.5"	8"	13"	12.50
8"	8.5"	14"	13.28
8.5"	9"	14.5"	14.06
9"	9.5"	15.25"	14.84
9.5"	10"	16"	15.63
10"	10.5"	17"	16.41
10.5"	11"	17.75"	17.19
11"	11.5"	18.5"	17.97
11.5"	12"	19.25"	18.75
12"	12.5"	20"	19.53
12.5"	13"	21"	20.31
13"	13.5"	21.5"	21.09

