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# BlockBusters Mix \& Match 

Made using Studio 180 Design’s V Block ${ }^{\circledR}$ and Square Squared ${ }^{\circledR}$ Half Inch tools.


BlockBusters 2020 \#48
Difficulty: * * * *


All the instruction you need to make the units required for this block can be found in the instructions that came with your Square Squared ${ }^{\circledR}$ Half Inch and V Block ${ }^{\circledR}$ tools. There are charts, step by step graphics, and directions. Use the chart to find the information you need for the finished size of the unit you want to make. Then work your way through the instructions.

This week we've got a new twist for you. Look at the three blocks above. Can you see what units they are made with? The first two are both made with 9 Square Squared units, and the third is exactly the same as the second, except the corner units are replaced with plain squares. But what did we do to jazz up these blocks? We used other units for the on-point center of the square squared units! By putting a V Block unit or a Four Patch inside the Square Squared, you create some really interesting design possibilities. Just trim the unit with the Center Square window template on your Square Squared ${ }^{\oplus}$ Half Inch tool, and you can change the look of the block really quickly.

To vary the centers of your Square Squared units, construct the Four Patches or V Block units like you normally do, but instead of trimming them with your Four Patch Square Up ${ }^{\oplus}$ or V Block ${ }^{\bullet}$ Trimmer, you'll use your Square Squared ${ }^{\oplus}$ Half Inch. Once the units are constructed, you will use the Center Square template to trim the unit to your desired size. To trim down the Four Patch unit, align the half way registration marks with the seams on the four patch (as seen in the graphic on the second page). For the $V$ Block unit, you will align the intersection of the registration mark and the dashed line with the seam intersection of your V Block unit. On the opposite side of the window template, position the tool so your seams intersect where the dashed line turns the corner. You can see this in the graphic on the second page. Once your center Four Patches or V Blocks are trimmed, you then add the outer triangles and trim the Square Squared unit like you normally do.

Isn't it amazing how different designs can be created just by changing one simple element of a block? Once you give these blocks a try, you should try to create your own block by putting other basic units in the center. See if you can figure out how to align the unit with the markings on the Center Square template on your Square Squared ${ }^{\otimes}$ Half Inch tool.

PS: I'm sure many of you have already realized these techniques can also be used with your original or large Square Squared ${ }^{\oplus}$, which gives you even more design options... :)

## Cutting Chart

| Unit | \# of units required | 41/2" Finished Block | 101/2" Finished Block | 151/2" Finished Block |
| :---: | :---: | :---: | :---: | :---: |
| Square Squared Unit | 9 for blocks 1 and 2, 5 for block 3 | $11 / 2 "$ finished size 2"cut size | 31/2" finished size $4 "$ cut size | $51 / 2 "$ finished size 6 " cut size |
| Center Square Options |  |  |  |  |
| Four Patches | 5 for blocks 2 and 3 | 2 strips $11 / 4^{\prime \prime} \times 14^{\prime \prime}$ | 2 strips $2^{\prime \prime} \times 21^{\prime \prime}$ | 2 strips $21 / 2^{\prime \prime} \times 26^{\prime \prime}$ |
| V Blocks | 4 for blocks 1 and 2 | Strips cut $2^{11 / 2}$ " for a $1 \frac{1}{2}$ " finished unit | Strips cut $4 "$ for a $3 "$ finished unit | Strips cut 5 " for a $4 "$ finished unit |
| Corner Square Option |  |  |  |  |
| Squares | 4 for block 3 | Cut squares 2" ${ }^{\prime \prime} 2^{\prime \prime}$ | Cut squares $4^{\prime \prime} \times 4^{\prime \prime}$ | Cut squares $6^{\prime \prime} \times 6^{\prime \prime}$ |

## Block Layouts

Block 1
V Blocks


Block 2
V Blocks and Four Patches


Block 3
Four Patches and Plain Squares


## Trimming Graphics



