

Multigrid Shelves for the Multiboard Storage System

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Summary

24 Multigrid Shelves for the Multiboard Storage System.

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New: I made a new version of all 12 shelves with a back with Bolt Holes for the Large Multiboard Bolts. I use the **9mm Flat Head**. You can use longer if you have your tiles spaced from the wall. These will hold a lot more weight than the original shelves, though for maximum load you would want shelves with brackets or braces under them.

Shelves for Multigrid Bins. Designed for the 'No Lock Holes' bins. Because the bins are on a grid that matches the wall system, you can put a bunch in a row to make long shelves. There will be a slight space between them but the grid is on center and bins can bridge the gap.

The 3 deep and 4 deep shelves have 3 and 4 connectors respectively. They are a bit harder to attach to the wall tiles, especially if you have them spaced from the wall 8 or 15mm but hold pretty good. They should work fine as long as you don't put a lot of weight on it as there is no bracing under the shelf. In my tests the shelf will come off the wall before the connectors break off. Your mileage may vary.

No supports, standard Multiboard settings of .2 layer height, 3 walls, 3 top 3 bottom. 15% infill.

I print mine at .2 layers, 3 walls 4 top, 3 bottom 15% gryoid. 4 tops doesn't add very many grams and and it covers the fill better. Shouldn't be too critical. You can do the small shelf to test.

This remix is based on



4x1 Multigrid Panel - 3D model by Keep Making on Thangs

by Keep%20Making

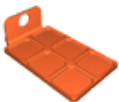
Model files



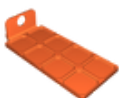
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mb-2x2-shelf-with-bolt-hole.stl



mb-2x3-shelf-with-bolt-hole.stl



mb-2x4-shelf-with-bolt-hole.stl



mb-3x1-shelf-with-bolt-hole.stl



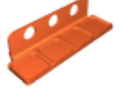
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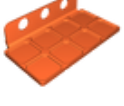
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mb-3x4-shelf-with-bolt-hole.stl



mb-4x1-shelf-with-bolt-hole.stl



mb-4x2-shelf-with-bolt-hole.stl



mb-4x3-shelf-with-bolt-hole.stl



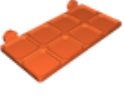
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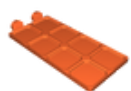
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multiboard-3x3-multigrid-shelf.stl



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multiboard-2x4-multigrid-shelf.stl



multiboard-4x4-multigrid-shelf.stl



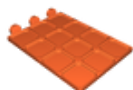
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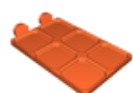
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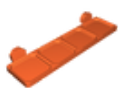
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multiboard-3x4-multigrid-shelf.stl



multiboard-2x3-multigrid-shelf.stl



multiboard-4x1-multigrid-shelf.stl



multiboard-2x2-multigrid-shelf.stl

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