3D MODEL ONLY

Gridfinity Storage Box Shelves (Parametric)

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Summary

A stylistic, parametric shelf system for Prebs Storage Box

Hobby & Makers   >   Organizers

Tags: parametric   fusion360   stl   f3d   stp   parametricdesign   parametricbox   parametriccontainer   gridfinity   parametricorganizer   gridfinityholder   gridfinitybox

The existing shelves lacked consistency with the original container by Preb, so I designed a parameterized version that uses the same latches as the box to hold the shelf segments together.

The top plate can also function as a Gridfinity baseplate (no magnets, unfortunately, but I could look at adding them if it's requested). I opted for the lite grid to conserve material, and even with a fully loaded 6x6 box of my own, they've proven to be strong enough.

Instead of a backing, I included nubs that interface with the boxes as they slide in, holding them in place and easily disengaging with a slight pull on the box.

Printing:

No supports required! You'll need as many bases as you want shelves and a single top.

Parametric settings:

Edit the "Grid_X", "Grid_Y", and "GridfinityUnit" parameters to match your box size. Edit the "Case_Quantity" parameter to the number of shelves you require or print the base as many times as needed.

This remix is based on
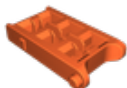
Gridfinity Storage Box by Pred (now parametric)
by Pred

Model files

top.stl

base.stl

latch.stl

gridfinity-storage-box-shelves-parametric-v10.f3d

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