



The Hive Reborn - Hex Storage



CD_FER

[VIEW IN BROWSER](#)

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Summary

A cheaper and simpler version of the HIVE designed as a Parametric fusion 360 design (incl .step too!)



7.00 hrs



1 pcs



0.20 mm



0.40 mm



PET



71 g



Prusa MINI /
MINI+

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[storagesystem](#) [hex](#) [organization](#) [label](#) [cabinet](#) [bucket](#)
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A cheaper and simpler version of the HIVE designed in fusion 360.

Print List:

- 1x Hive Frame
- 1x Hive Drawer

- Buckets (add sizes together and it should add to 12)
- 1x Label (Use Inkscape or similar to edit)

Print Settings:

- The Buckets can be easier to print upside down (often leads to better tolerance on the clip in mechanism)
- Make sure for bowden printers you have pressure advance and flow rate tuned for the frame as it is a bit of a torture test for stringing
- Arachne perimeter generator (Turn On to help with wall quality and bowden stringing)
- 200% (0.8mm) first layer width (helps with bed adhesion a lot)
- Tune pressure advance for your filament (helps with stringing on bowden)
- Try out Scarf Seams (currently only in orca silcer beta)
- Infill 0~10%
- $\leq 0.2\text{mm}$ layer height
- For strength use petg, pla has been tested to work too

If you want to edit it yourself you can use the Fusion 360 file or the step files

Designed in New Zealand :)

This remix is based on



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by CD_FER

Model files



Step Files

7 files

hive-bucket-size-2.step

hive-bucket-size-3.step

hive-bucket-size-4.step

hive-drawer.step

hive-frame-center.step

hive-bucket-size-6.step

hive-frame.step



Fusion 360 Files

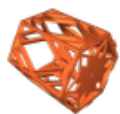
4 files

hive-frame.f3d

hive-drawer.f3d

hive-bucket.f3z

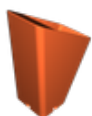
hive-frame-center.f3z



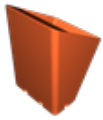
hive-frame.stl



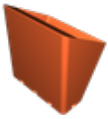
hive-drawer.stl



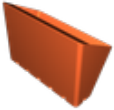
hive-bucket-size-2.stl



hive-bucket-size-3.stl



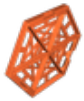
hive-bucket-size-4.stl



hive-bucket-size-6.stl



hive-bucket-dust-cover.stl



hive-frame-center.stl

Print files



hive_-complete-unit_02mm_petg_mini_7h7m.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 7.00 hrs ⚖️ 71 g

📄 Gcodeu for Prusa Mini with Input Shaping and Scarf Seams (generated with Orca Slicer)

Other files

inkscape-labels.svg

[Find source .stl files on Thingiverse.com](#)

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