



KYZ HSW Display Stand - Large

[VIEW IN BROWSER](#)

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Summary

Easily assembled/disassembled with no fasteners, compatible with all Honeycomb Storage Wall accessories.

[Hobby & Makers](#) > [Organizers](#)

Tags: [display](#) [shelf](#) [stand](#) [pegboard](#) [hsw](#)

Introduction

In case you are not familiar with why hexagons are mathematically and scientifically the bestagons, please first familiarise yourself by watching this video:

And with that out of the way, here is another unnecessarily over-engineered project! A wider and taller version of [my earlier display stand](#). No hardware needed, easily collapsable, compatible with all Honeycomb Storage Wall accessories. What is it for? You can:

- Use it as an organisational tool in your workshop if you don't want to put holes in your walls for a regular HSW or pegboard,
- As a display stand at shows and markets,
- House entryway key organiser,
- Display collectables at home

The quantities of pins, feet and bracket are noted in the “file notes”

Materials

- Pins - PLA
- Feet - TPE/TPU (feet are optional),
- Everything else - PLA, PLA-CF or PETG-CF (or ABS-GF if you want the nicest one out there)
- PETG not recommended - too soft
- PLA silk not recommended - too brittle

Print settings

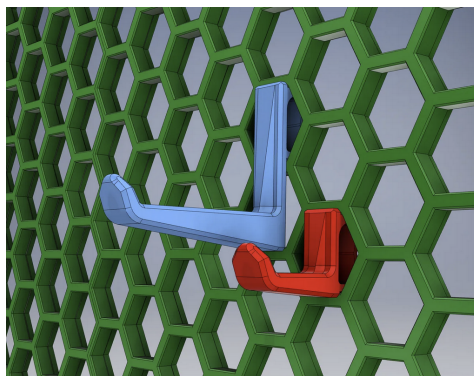
- Print the vertical wall pieces with 3 or 4 perimeters,
- Print the base and arc connectors with minimum 4 perimeters, 5 bottom layers and 6 top layers,
- Print the outer walls slow so they are accurate and strong,
- The rest is up to you
- If using plain ABS or ASA the base and arc connectors may warp on you, take care with your print settings and perhaps add some mouse sears

(If you are using a Bambu machine, just find on and print from Makerworld)

Fitment of the pins

I have found that the pins fit differently whether they're connecting PLA pieces or PETG-CF pieces due to differences in friction, print dimensional accuracy, etc. I have done my best to make an all-rounder pin but if you are hoping that they fit a little easier or more snugly, you can scale them in the width direction a little to change how they fit. I hope they work well the first time for you but they are quick to re-print.

Recommended accessories



Peg Hooks



Tool holders



Bowls - 8 sizes available

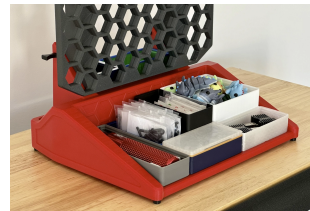


Round Shelves - 8 sizes available

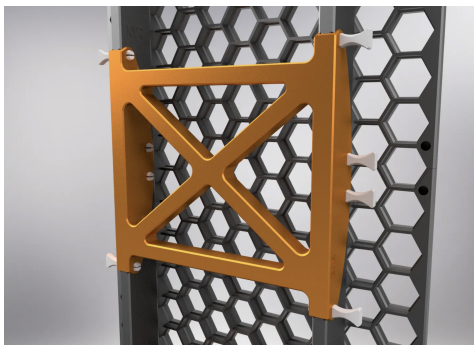


Price/description labels - 10 sizes available

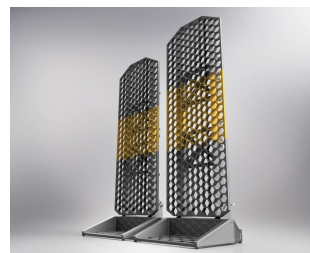
Paid model - for commercial use, and a way for businesses to say thanks



Gridfinity Base



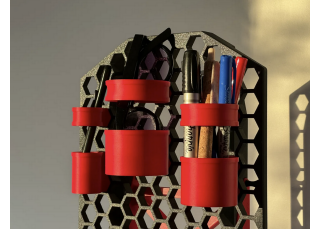
Connector upgrade



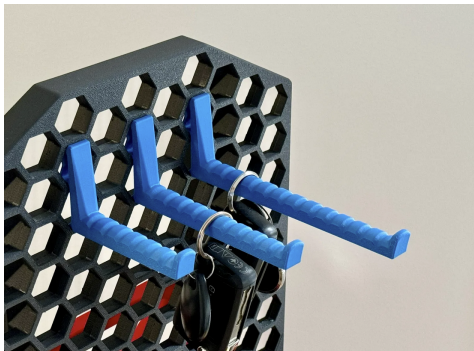
Height extensions - 2 sizes available



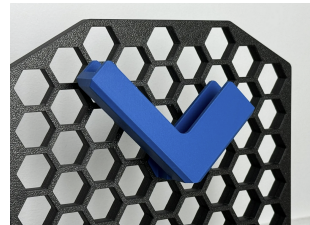
Ball holder - 6 sizes available



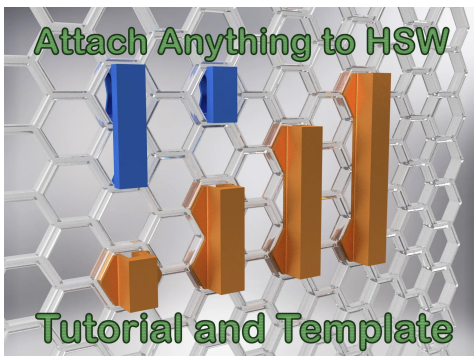
Cups and collars - 9 sizes available of each



Keychain Hooks - 4 sizes available



Business Card Holder



HSW Anything Tutorial and Template

Support

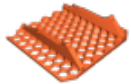
If you would like to say thanks, please post a make (with it fully loaded!) and share here and on socials. You could buy me a few metres of plastic on [Ko-Fi](#) otherwise, please post a make and check out my other HSW models in [this collection](#).

Remixes of individual parts with significant changes very welcome.

Versions

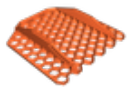
03/07/2024 - V1.0 launched

Model files



kyz-hsw-fs-l2-wall1-v10.stl

☐ You need 1



kyz-hsw-fs-l2-wall2-v10-x1.stl

☐ You need 1



kyz-hsw-fs-l2-base-v10-x1.stl

☐ You need 1



kyz-hsw-fs-l2-arc-v10-x2.stl

☐ You need 2



foot-6mm-x4.stl

☐ You need 4



kyz-hsw-fs-l2-pin-v10-x4.stl

☐ You need 8



kyz-hsw-fs-l2-pin2-v10-x2.stl

☐ You need 2

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