



HSW Quick Change Filament Mount - Print in Place



AJB

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Summary

HSW mounted filament spool holder.

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Tags: [filament](#) [filamentholder](#) [honeycombstorage](#)
[honeycombstoragewall](#) [hsw](#) [hswmount](#)

This version is mountable to the HSW wall. The spacing is a bit wide because I had to conform to the spacing of the HSW tiles, but it still works just fine. The length of the little donger arm has been increased to compensate for the wider spacing.

This version includes a middle bracket that has arms on the left and right. This is useful if you need storage for many spools. If you only want to mount a single spool, only download the left and right brackets. If you're storing 2 spools, download one left, one middle and one right bracket. Add more middle brackets as necessary to mount as many spools as you like.

The original screw mounted version is here: www.printables.com/model/939381-quick-change-filament

I needed a wall mountable spool holder, but all of the existing options required a bigger print bed than my A1 Mini has. Inspired by the [quick change TP holder](#), I created a mount that:

- Prints in place
- Doesn't require support
- Left, right and middle brackets can be printed together on one A1 Mini plate
- Uses minimal filament (~25g per side)

If your mounting arms don't free fall back to horizontal by themselves, work the arms back and forth with some pressure to smooth out the internal bumps. This is common with print in place joints and should smooth out within a minute or two of working it. Printing with a smaller layer height seems to help make the joints more smooth.

Printed with:

- .20 layer height
 - Smaller layer heights seem to make the joint break free and work better
 - Tested down to .18 with no issues
- 15% infill
- 2 walls
- The STLs are already oriented correctly
 - print with the longer arm horizontal
- No support needed
- Depending on how much your filament peels at the corners, a brim could be necessary to stop the small front plate from disconnecting during printing

This remix is based on



Quick Change Filament Spool Holder

by AJB



Honeycomb storage wall

by RostaP

Model files



hsw_quick_load_spool_holder_left_v7.stl



hsw_quick_load_spool_holder_right_v7.stl



hsw_quick_load_spool_holder_mid_v7.stl

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