



Sliding Spice Rack

 **howeln**

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Summary

Sliding spice rack for narrow cabinet space

[Household](#) > [Kitchen](#)

Tags: [spiceholder](#)

I needed a spice rack that fit my space, a narrow shelf to the left of the stove that's about 10 1/2 " deep. Because of the length and having to cut the racks in half to print, I decided to add the oval tab to fit into the slot on the slide...to add some stability. Holds 6 spice bottles for each one. There is a small tab that provides enough material to pull out the slide...my slides have a slight resistance to keep them from coming out on their own. There is also a left and right rack. I also made it low enough, that most bottles, can still be read from either side.

I created an alignment jig to check the slide fit without having to cut it. It prints quickly, prints on the bed on a diagonal, and worked perfectly...and on the first try.

Spice rack will hold 6 standard type spice bottles from the store. But I did buy some from Amazon... They all fit close, but not tight or any friction...but little room to rattle around too much.....and it takes up all the depth of the shelf and the edging....with just millimeters to spare. all

meaning, you may need to modify slightly....which is why I included source files.

All edges are filleted to add structural support, and not impact to spice bottles. I believe I used 4 walls on the print, but mostly just standard. I used SUNLU wood filament...printed just fine at normal speeds and temps....though still took about 12hrs per set.

I used superglue (dabs on the joint and connectors) and a bar clamp to hold them together for a few minutes. I added several connectors to add support....maybe overdone, but the small ones on the bottom are very easy to break with any lateral forces. Even when they break off and I put back together with the remaining connectors....it still works just fine.

Parts I used from Amazon. Unfortunately, the slides are no longer available, and the ones that are...have the holes/slots swapped.....the center to center from hole to slots are 9mm apart. Suggest moving them 9mm to the center with the screw hole, then moving them to the desired locations. This was all created in Fusion 360, and if you don't know, you can select the hole, and go to an edge and click...to not only show the measured value (can do to more than one edge at a time)....but you can also just enter the values directly....making the ability to change left, right, and alignment all at the same time accurately. Found that out doing this model.

Bought the 4mm hardware from the local hardware store. Heads are flat-head, and chamfered the holes to recess the screw, I would suggest printing with ...I think I used 4 walls....for supporting the screws.

Bottles

https://www.amazon.com/gp/product/B06XWGYT2Z/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

Slides

https://www.amazon.com/gp/product/B06XWSQ1RP/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

Model files



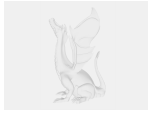
spice-holder-alignment-v15.stl

☐ used to print as one piece to check fit with slide



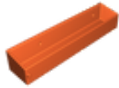
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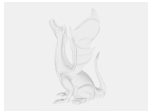


spice-holder-left-v5.step

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spice-holder-left-v5.stl

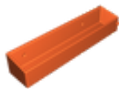


spice-holder-alignment-v2.f3d



spice-holder-set.3mf

☐ Printable file with holders cut with connectors



spice-holder-right-v4.stl

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