

Prusa XL Spool holder with bearings that fits with 3dupfitters enclosure



ssill2

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Summary

Prusa XL spool holder with 608 bearings meant to fit with the 3dupfitters enclosure

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I've almost always used spool holders with 608 bearings to reduce the drag when the filament is pulled off the spool. For my MK3(now MK4) printers I used a modded version of this one(<https://www.printables.com/model/174620-filler-filament-holder>)

I wanted something similar for the XL that would take the larger spools. I also needed something that would work with the 3dupfitters enclosure for the XL that would keep the acrylic sides pressed against the frame. So I created this one.

What to print:

Left-front x 2

Left-rear x 1

Right x 2

Spindle_r2 x 5 OR Spindle_r3 x 5 OR Spindle_r4 x 5

Each spindle uses two 608 bearings.

Update 2024/01/20, added a Spindle_r4 with even more taper that should make spools want to stay centered

Update 2024/01/18, added a Spindle_r3 with more taper that should make spools want to stay centered

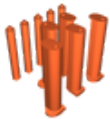
Model files



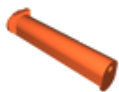
spool_holder_with_bearings-spindle_r2.stl



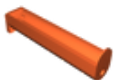
spool_holder_with_bearings-right.stl



spool-holder_with_bearings.3mf



spool_holder_with_bearings-left_front.stl



spool_holder_with_bearings-left_rear.stl



spool_holder_with_bearings-spindle_r3.stl



spool_holder_with_bearings-spindle_r4.stl

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