



Pool Filter Washing Stand



Chris D

[VIEW IN BROWSER](#)

updated 31. 5. 2023 | published 31. 5. 2023

Summary

Spinning pool filter washing stand.



31.23 hrs



5 pcs



0.20 mm



0.40 mm



PET



505 g



Prusa
MK3/S/S+

[Household](#) > [Outdoor & Garden](#)

Tags: [pool](#) [tools](#)

This is a spinning pool filter stand. When you spray the filter to wash it the force of the water spins the filter helping to get it clean Inspired by Cyclone Filter Cleaner... but this version does not cost \$300.00!

It uses printed parts, 3/4 inch dowel rod and a sealed bearing. (Amazon Flanged Ball Bearings ID 3/4" x OD 1-3/8")

https://www.amazon.com/dp/B078JY8452?psc=1&ref=ppx_yo2ov_dt_b_product_details

Print the pieces with build plate supports and orient the bottom bracket and top bracket with the flat side down. Note pick either version of the feet

and print 4 of them. Version 2 of the feet has just a small design change, but both work.

Fits my Pentair filter with 6 inch opening.

Happy washing.

Updated: added a 3 inch opening version.

Updated: added picture of how the bottom and bottom bracket are positioned relative to one another.

Model files



bottom-bracket.stl



legs-mount-v2.stl



foot-v2.stl



foot.stl



top-v3.stl



bottom-v2.stl



bottom-bracket-3-inch-version.stl



top-3-inch-version.stl



bottom-3-inch-version.stl

Print files



bottom-bracket_02mm_petg_mk3s_1h57m.gcode

PET 0.40 mm 0.20 mm 1.94 hrs 34 g Prusa MK3/S/S+



foot-v2_02mm_petg_mk3s_2h27m.gcode

PET 0.40 mm 0.20 mm 2.45 hrs 26 g Prusa MK3/S/S+



legs-mount-v2_02mm_petg_mk3s_7h29m.gcode

PET 0.40 mm 0.20 mm 7.49 hrs 76 g Prusa MK3/S/S+



bottom-v2_02mm_petg_mk3s_9h13m.gcode

PET 0.40 mm 0.20 mm 9.22 hrs 166 g Prusa MK3/S/S+



top-v3_02mm_petg_mk3s_10h8m.gcode

PET 0.40 mm 0.20 mm 10.13 hrs 203 g Prusa MK3/S/S+

License

This work is licensed under a
Creative Commons (4.0 International License)



Attribution—Noncommercial—Share Alike

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition