



AppsByAaron Cereal Dryer Spool Roller



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Summary

My version of a cereal container box dryer and spool roller.

[3D Printers](#) > [Accessories](#)

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None of the available prints for allowing a smooth roll of my filament spool within the cereal container worked for me so I made my own version. This includes my Dessicant Dryer Tower (without lid for now).

I used 50% cubic infill for the support rod because the bearing attaches to the ends and I wanted more strength there. All else was 15% infill.

Triangular supports (print 2) just pop into the base slots. No glue needed.

Optional base (base beta) are included in case you don't need all the extra base footprint.

Cereal containers https://www.amazon.com/dp/B08TWH2QHV?psc=1&ref=ppx_yo2ov_dt_b_product_details

Desiccant I use (but has not effect on the models here) https://www.amazon.com/dp/B013L31PQ0?psc=1&ref=ppx_yo2ov_dt_b_product_details

Bearings 608 (608ZZ ABEC-5) https://www.amazon.com/dp/B07BWR69VN?psc=1&ref=ppx_yo2ov_dt_b_product_details

Humidity/Temp Meter https://www.amazon.com/dp/B08P3QJJZL?psc=1&ref=ppx_yo2ov_dt_b_product_details

2024-3-30 Added Base v2 which includes a mount for a rectangular humidity meter.

2024-4-1 Added desiccant tube lid. 2024-4-11

- Recommend printing the rod with 100% infill as the ends are breaking on me.
- Added desiccant tube with 1.5mm slits.
- Added updated rod with 7.9mm ends to better fit in bearings.

This remix is based on



Filament box/ Dry Box / Single Box / Filamentbox

by Salut

Model files



triangle_roller_support.stl



triangle_roller_rod.stl



desiccant_tube_lid_v2_bumped.stl

triangle_roller_base_v2.stl



triangle_roller_base.stl



desiccant_bead_tube.stl



triangle_roller_base_beta.stl



triangle-roller-rod-1v2.stl



my-desiccant-tube-15mm-slits.stl



[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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