



Small Parts Wash Container for ultra sonic cleaners



Makers Workshop

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updated 15. 12. 2022 | published 15. 12. 2022

Summary

This is a simple small parts wash container for ultra sonic cleaners that has a locking hinged lid. NOT FRICTION FIT.



4.60 hrs



2 pcs



0.20 mm



0.40 mm



PLA



244 g



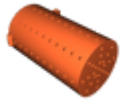
Creality
CR-10S Pro

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Tags: [container](#) [small](#) [parts](#) [cleaner](#) [ultrasonic](#)

This is a small parts container for use in ultra sonic cleaners. I tested a friction fit lid design but the PLA plastic goes soft due to the heat in the ultrasonic cleaner and fails to remain closed. So now I have designed a container with a locking hinged lid that you can just flick open with your thumb. Now tried and very well tested in 65 deg C cleaning fluid. The hinge pin is 1/16th or 1.6mm braising rod. Clear the holes out with a 1/16th drill bit before pushing the hinge pin through. Super glue the hinge pin in place with a dab on both sides and your done. Strangely satisfying flicking the lid with your thumb over and over again. Mmmmm!

Model files



container.stl



lid.stl

Print files



lid.gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 0.48 hrs ⚖️ 4 g



container.gcode

🌀 PLA 📏 0.40 mm 📐 0.20 mm ⌚ 4.12 hrs ⚖️ 240 g

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