



Pole mounted children door hinge



octopuss

[VIEW IN BROWSER](#)

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Summary

Hinge for child door mounted to the stainless pole (cca 42mm OD)



0.36 hrs



1 pcs



0.28 mm



0.40 mm



PLA



4 g



Creality
Ender 3

[Household](#) > [Other House Equipment](#)

Tags: [door](#) [children](#) [hinge](#)

The print solves issue that none of the commercial children doors can be mounted to the poles.. So I've created simple hinges that can be mounted around the pole using some nuts and bolts as in image. The door were made from wood by local cabinetmaker.

I've also added door stop which should be mounted on the opposite pole. For latching I've used simple allen key holder, but unfortunately i have only gcode for that (see Gcode viewer image)

Model files



door_hinge_top_bracket.stl



door_hinge.stl



hinge_middle.stl



door_stop.stl

bottom_bracket.stl

child_door_stopper.stl

hinge_bottom.stl

hinge_top.stl

Print files



child_door_stopper_028mm_pla_ender3_22m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.28 mm ⌚ 0.36 hrs ⚖️ 4 g 🖨️ Creality Ender 3

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