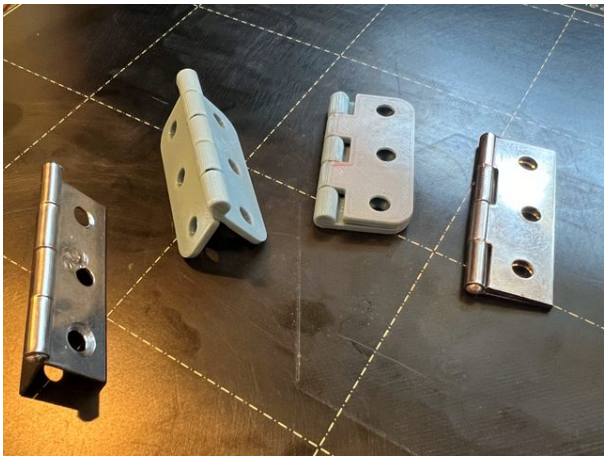


Print-in-Place Simple Hinge (no supports needed)

EcoDad

VIEW IN BROWSER

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Summary

Simple hinge with 3 holes on each plate that prints in place requiring no assembly

1.57 hrs	2 pcs	0.20 mm	0.40 mm	PLA	14 g	Prusa MK3/S/S+

Hobby & Makers > Mechanical Parts

Tags: hinge printinplace nosupport

I need hinges for the Laser Cut Stackable 3D Filament Holder I am designing. I had a set of small metal hinges that I used for the prototype, but no idea where or when I bought the originals so I designed these hinges in Fusion 360.

The model is made up of two parts that print in a single STL file and work right off the print bed. No supports are needed.

Two versions are available depending on the fasteners you will use:

- **print-in-place hinge v11** - for flat bottomed screws or bolts

- **print-in-place hinge v11 countersink** - for wood screws expecting a counter sunk hole

Both #6 and #8 screws fit, the length depends on what you are attaching them to. For my filament holder made of 1/8" board, I'm using #6-1⁄2" with washers and nuts.

For other print-in-place hinge sizes, check out my collection: EcoDad's Print-in-place Hinges Collection.

Model files

newer hinge symmetrical around midplane 1 file



print-in-place-parameterized-simple-hinge-v4.stl

slightly different hole pattern - not interchangeable with other hinge models - hinge symmetric



print-in-place-hinge-v11-countersink.stl



print-in-place-hinge-v11.stl

Print files



2x-print-in-place-hinge-v11_02mm_pla_mk3s_47m.gcode

PLA 0.40 mm 0.20 mm 0.78 hrs 7 g Prusa MK3/S/S+



2x-print-in-place-hinge-v11-countersink_02mm_pla_mk... .gcode

PLA 0.40 mm 0.20 mm 0.79 hrs 7 g Prusa MK3/S/S+

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