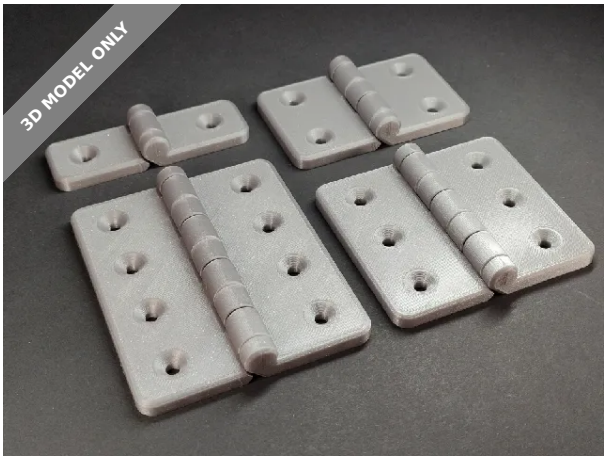


Strong hinge Print-in-place

Thorin Oakenshield

VIEW IN BROWSER

updated 10. 11. 2025 | published 10. 11. 2025

Summary

Strong hinge with precise movement

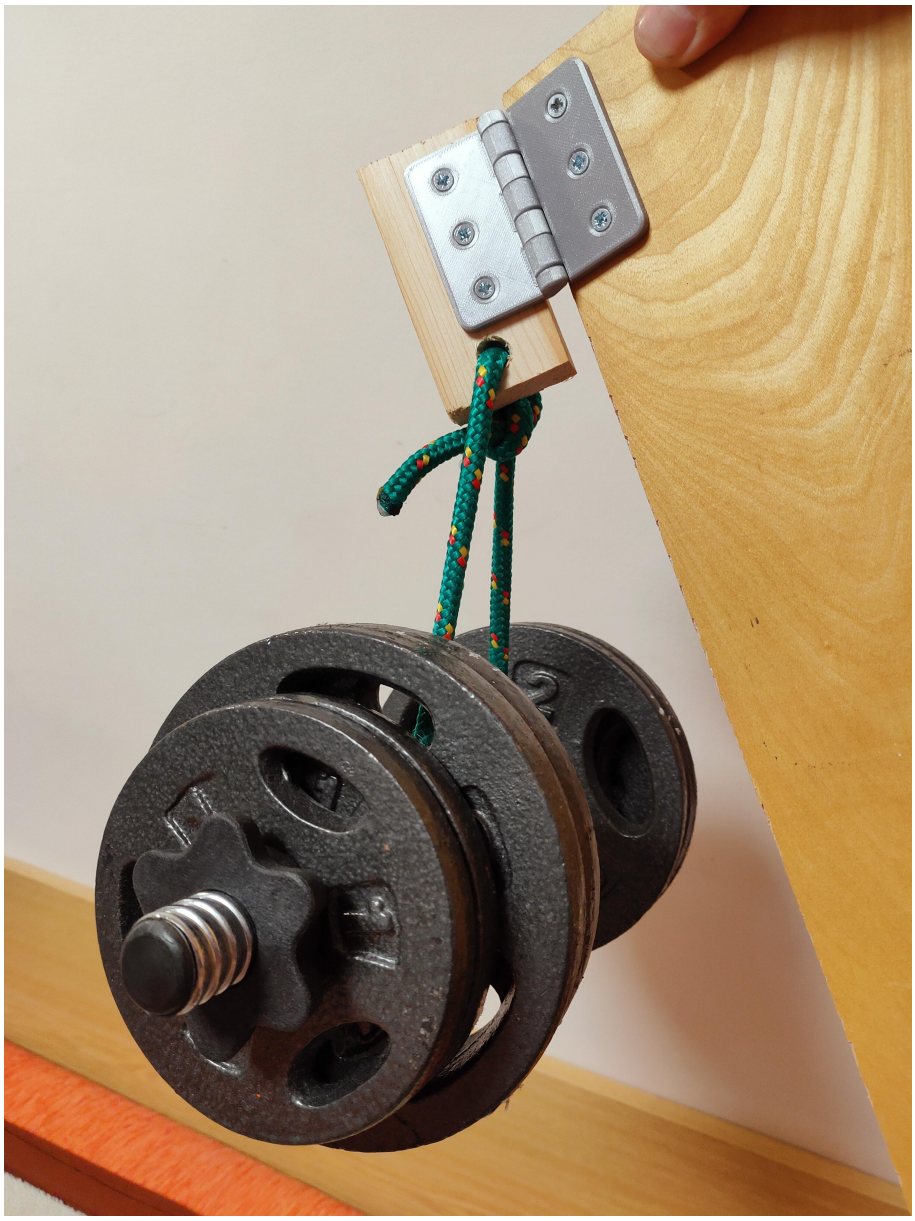
Hobby & Makers > Mechanical Parts

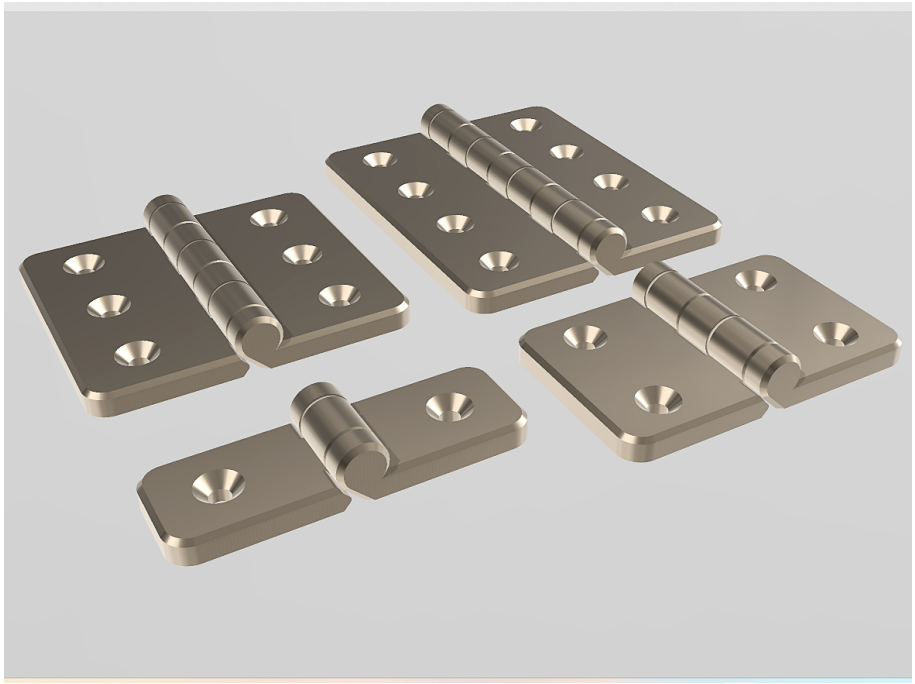
Tags: door furniture rotating hinge printinplace strong hinged

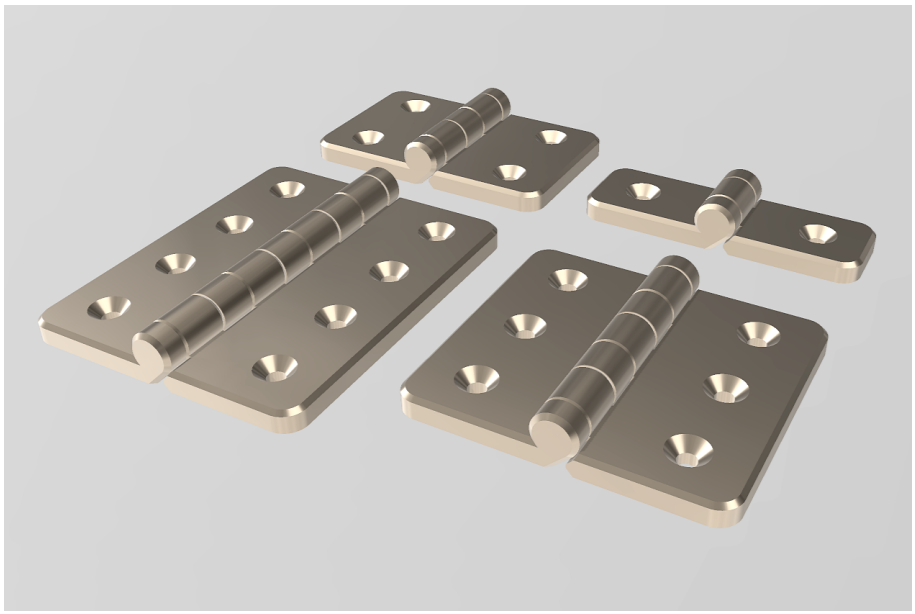
Very strong hinge with precise movement

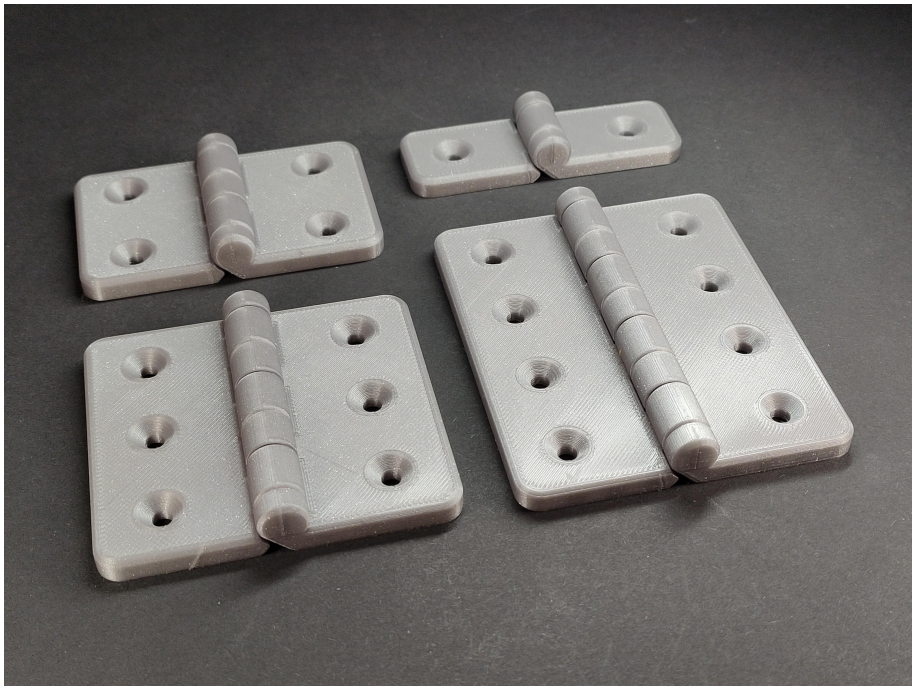
Four sizes available

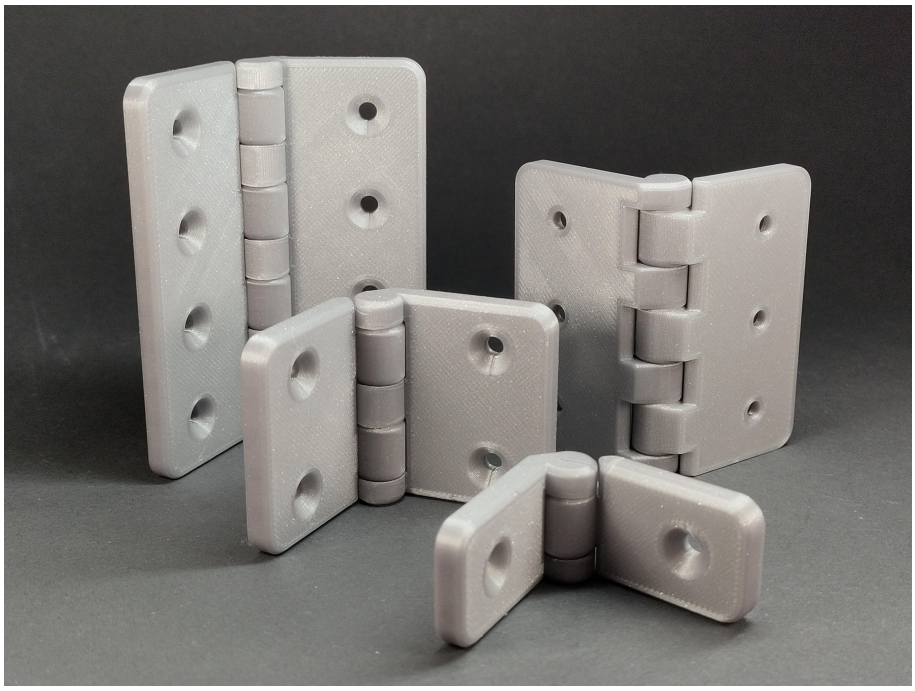
- the width of the hinges is **68mm**,
- the height is **22mm, 42mm, 62mm, 82mm.**
- the thickness of the arm is **5mm**.
- for screws with a diameter of 4mm, head width of 9mm, hole chamfer 45 degrees
- The tolerance of the parts is 0.25mm,
- I was surprised how **smoothly and precisely** the hinge move
- After the weight test I would say that it is a **very strong hinge** .
- And it is printed from PLA-2perimeters and 15% infill.
- The dumbbell weighed 12.5kg - 4x2kg+4x1kg+0.5kg bar
- The test passed without any problems and no sign of deformation.
- For safe use at home I recommend printing with 3 perimeters and more infill, **or use a certified hinge**

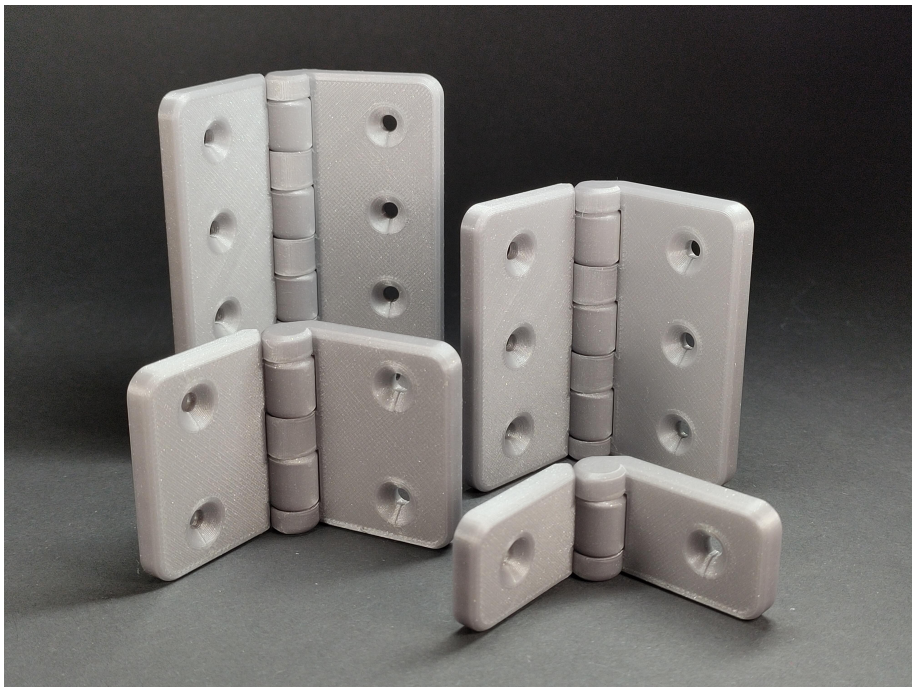


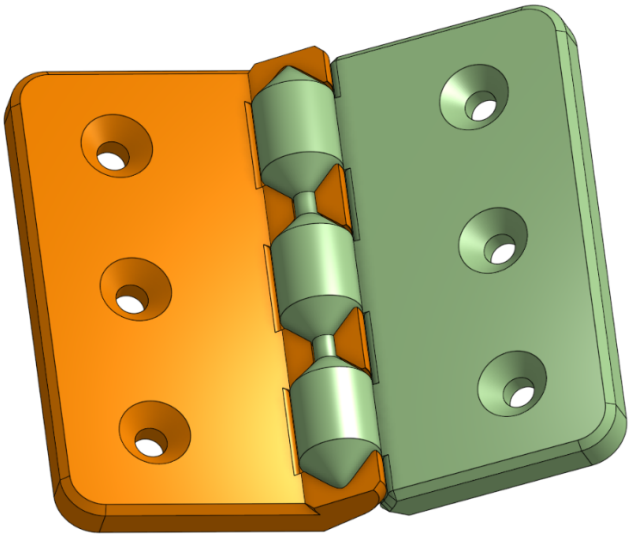












Model files



hinge-1.stl



hinge-2.stl



hinge-3.stl



hinge-4.stl

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