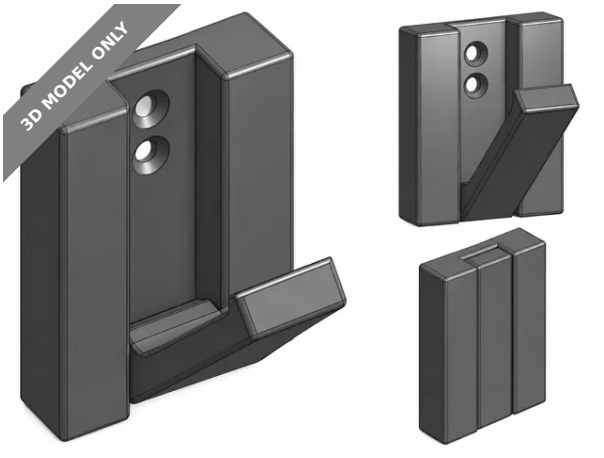

Fold away print-in-place wall hook

Hyperfixation 3d

VIEW IN BROWSER

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Summary

Compact, print-in-place wall hook that folds away when not in use, saving space and keeping your walls tidy.

Hobby & Makers > Organizers

Tags: hook printinplace fold hidden

This fold-away wall hook features a built-in movable hook that folds flat against the mounting body when not in use. Simply pull the hook outward when you need to hang an item, then fold it back into its compact position when finished.

The dimensions are

Length:50mm

Height: 70mm

Depth:15mm

The design includes two countersunk mounting holes for screws, allowing it to be securely attached to a suitable wall or other mounting surface.

Holes 2x 5mm diameter

3D Printing Recommendations:

- **Print type:** Print-in-place design; no assembly required.
- **Supports:** Designed to print without supports, provided your printer can handle the model's geometry.
- **Material:** PLA or PETG.
- **Infill:** 20–40% recommended.
- **Wall count:** 4–5 walls recommended for added strength.

Note: Check that the moving hook is free to pivot after printing. Actual load capacity depends on the material, print settings, mounting screws, and wall surface. Test with light items first and do not use it for safety-critical applications.

Model files

fold-away-print-in-place-wall-hook.stl

fold-away-print-in-place-wall-hook_v2.stl

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