



Parametric Desk Mounting Bracket



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Summary

A fully parametric mounting bracket to stow various stuff under a desk. Like a keyboard for example.



2.72 hrs



1 pcs



0.20 mm



0.40 mm



PET



77 g



Prusa MK4

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I designed this bracket to stow my keyboard below my desk when not using it. It simply slides into the brackets. Each bracket is fixed by two screws, while the hole at the bottom provides easy access to them. I'd recommend to make it big enough for the bit holder of your power drill.

The provided STLs are just examples, I'd suggest you measure whatever you want to slide into the bracket and adapt the dimensions. You can be easily adjust depth, height, width and various other parameters by editing the "Dimensions" sheet in in FreeCAD.

The 30x25x134 (width x height x depth) version should fit the MX Keys S Keyboard from the picture, but I printed a 40x40x135 version, as I have a second keyboard that I want to use the bracket with, too.

Print Settings

- Printed in PETG
- 4 Walls
- 50% Infill
- No supports

Notes/Tips

- Don't forget to adjust the access hole to your screw driver or tool. Installation will be a pain otherwise.
- Use some double sided tape to fix the brackets for screwing them on
- Print upright to if possible to make the part strong and avoid to much flex (as shown in the pictures)
- Dry your filament, or you'll get those nasty strings I've got on the mouse bracket

Model files



20w 20h 134d

2 files



under-desk-mount-20x20x134.stl



under-desk-mount-20x20x134.step



30w 25h 134d

2 files



under-desk-mount-30x25x134.stl



under-desk-mount-30x25x134.step



40w 40h 134d

2 files



under-desk-mount-40x40x134.stl



under-desk-mount-40x40x134.step



under-desk-mount.fcstd

Print files



under-desk-mount-30x25x134_04n_02mm_petg_mk4is_2h43m .gcode

PET 0.40 mm 0.20 mm 2.72 hrs 77 g Prusa MK4

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