



Magnetic Cable Anchors/ HOLDERS



don frechdachs

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updated 7. 1. 2024 | published 7. 1. 2024

Summary

Magnetic Cable Anchors/Holders for a clean cable management under your desk.

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Moin Servus Moin, I designed some simple magnetic cable anchors/holders for easy cable management. Suited for a clean cable management under a desk. The **Base** is designed to be screwed into the underside of a desk and the **Top** connects magnetically to the base. If you have some metal bracing under your desk you can use for cable management you don't need to print the **Base**.

**The Magnets must be glued in otherwise they get pulled out.
Before glueing check the polarity of that the magnets in the Base
so that they don't repel the magnets in the Top.**

Magnets needed:

- 5mm x 1mm -> Small Base and Top
- 6mm x 2mm -> Large Base and Top
- 10mm x 3mm -> XL & XXL Base and Top

Screws needed for the Base:

- Flat Head 2mm x 10mm

Supports

Supports are only needed for the **XXX_Top.stl** files.

Support X/Y Distance of 2-3 times the line width of your printer is recommended to use.

Modify

The dimensions of the magnet holes can easily be resized and customized with the provided Fusion360 (.f3d) file.

Magnets Amazon

- <https://www.amazon.de/-/en/gp/product/B01GZC0OPC?psc=1> (5mm x 1mm)
- <https://www.amazon.de/gp/product/B06X9LGRZB?psc=1> (6mm x 2mm)
- <https://www.amazon.de/gp/product/B07JGR8CQ2?psc=1> (10mm x 3mm)

Screws Amazon

- <https://www.amazon.de/-/en/gp/product/B07QJCMR53?psc=1> (2mm x 10mm)

Print Settings

- Rafts: No
- Supports: Yes
- Resolution: 0.16mm

- Infill: 20%
- Filament brand: Prusament
- Filament color:
- Galaxy Black
- Filament material: PLA

Notes:

Supports are only needed for the **XXX_Top.stl** files.

Support X/Y Distance of 2-3 times the line width of your printer is recommended to use.

Model files



small_top.stl

☐ Support needed



small_base.stl



large_top.stl

☐ Support needed



large_base.stl



xl_top.stl

☐ Support needed



xl_base.stl



xxl_top.stl

☐ Support needed



xxl_base.stl



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