KLAMMA - Locking Cable Clip

bequ3

VIEW IN BROWSER

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Summary

Adhesive cable fixture for under desk mounting

2.96 hrs	1 pcs	0.20 mm	0.40 mm	PET	29 g	Prusa MINI / MINI+

Household > Office

Tags: parametric   cable   desk   cablemanagement   cableholder   cableclip   cableguide   cableorganizer

The red clip on the right hand side of the second picture is the new version of this model: **KLIPPT - Locking Cable Clip**. It comes with a separate base plate to allow screw mounting, as well as adhesive mounting options. But the newer iteration has less surface area for adhesive installation. If you are sure that you'll mount the clips using 3M VHB or similar, KLAMMA is still your best option!
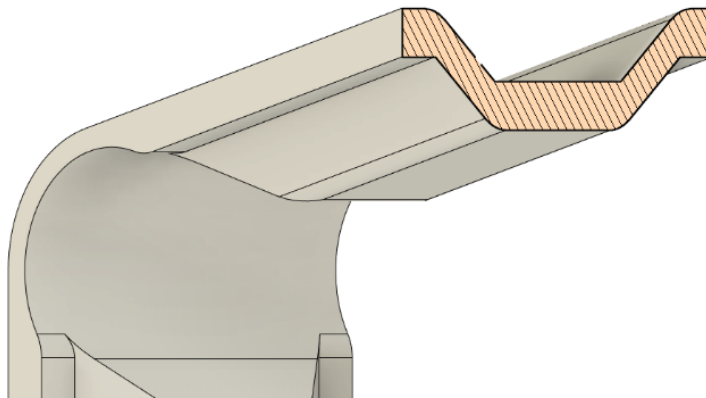
I recently had to do a bit of cable management and was in need for some simple cable fixtures. The existing models didn't fully satisfy my list of requirements. They are either non-locking C-Style designs, require additional hardware for the joint or are only available as screw on versions.

Most of them don't come with *.step or *.f3d files to accommodate for custom dimensions. My approach to this challenge is mainly inspired by these cable clips on Amazon.

Over far too many iterations my (for now) final design incorporates the following features:

Sturdy structure

An embossed middle section stiffens up the lever part and makes the thinner hinge section the definite bending point.
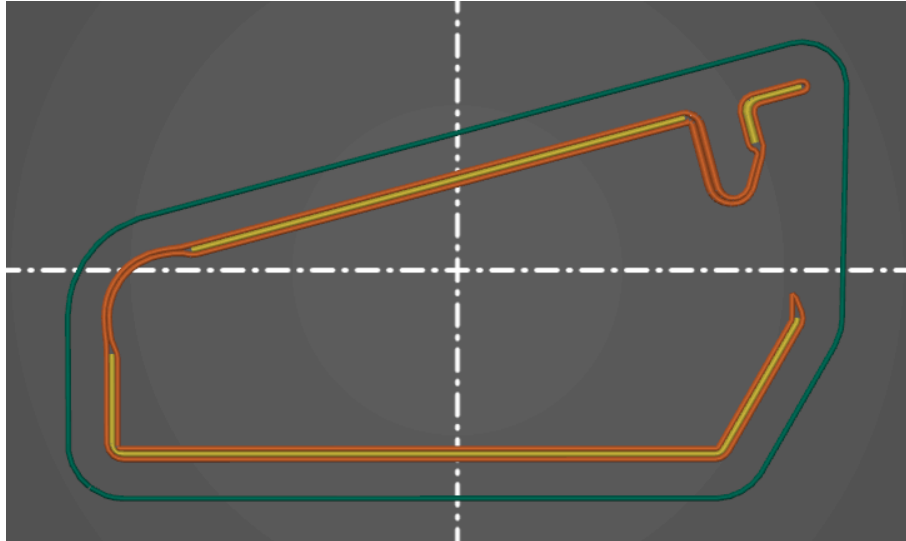

Locking design

In comparison to most other designs this one has a compliant latching lug. Even heavier cables won't force the clip open even with a wall width of only 1.6 mm

Easy and fast to print

A consistent perimeter thickness over the prints z-span assures a smooth overall finish. All layers consist of long print path and only the ribbed version sacrifices a bit of simplicity over visual aesthetics.

Customizable

Find the attached Fusion 360 file with neatly organized User Parameters to customize e.g. **width** and **length**.

Variations

The ribbed versions are meant to ease a cable routing process by holding back already placed cables. They are a bit more fiddly when fully loaded.

Print Instructions

The compliant hinge will work best with **PETG**, but ABS/ASA or even PLA will work as well but may break if open/close cycled too often.

This model is optimized to be printed with a **0.4 mm nozzle** using the **Arachne** slicing Engine.

Additionally Required Hardware

You'll need something to fix these clips to a surface. I like **Tesa Power Strips** because they don't leave any residue upon removal; But other double sided foam tapes will work as well I guess (e.g. **3M VHB** Tapes).

Related Models

- Parametric Cable Grommet by Blizzard

- FÄSTA - Parametric Mounting Bracket

Similar Solutions

- Cable Organizer / Routing Hook - Various Sizes by Lucky Resistor
- Locking cable mounts by MTZD

Model files

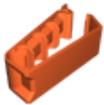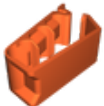|	outdated	1 file

cable-clip-20230220.f3d

🗋 Advance the history slider to add the rib features

klamma-cable-clip-large-ribbed.stl

klamma-cable-clip-medium-ribbed.stl

klamma-cable-clip-small-ribbed.stl

klamma-cable-clip-large.stl

klamma-cable-clip-medium.stl

klamma-cable-clip-small.stl

klamma-cable-clip-20230405.f3d

📄 Unsuppress the 'offset plane' feature to add the ribs

Print files

cable-clip-rib-starter-pack_02mm_petg_mini_3h30m.gcode

⊛ PET   ⬇ 0.40 mm   ≡ 0.20 mm   ◷ 2.96 hrs   ⚖ 29 g   🗐 Prusa MINI / MINI+

📄 2x large; 3x medium; 5x small

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