



small cam lock

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VIEW IN BROWSER

updated 27. 11. 2023 | published 27. 11. 2023

Summary

A smaller version of a light rope cam lock I did earlier. Could be useful with paracord or other small rope assemblies.

[Household](#) > [Outdoor & Garden](#)

Tags: [tension](#) [rope](#) [camlock](#) [ropetensioner](#)

A smaller version of a cam lock I made earlier to help with raising a FWL wire antenna (<https://www.printables.com/model/446750-light-rope-cam-lock>). The picture shows the two versions side by side. I wanted a version that would not take up space when storing/transporting. Both versions are open designs to allow use without having to have access to a line end.

This version is also assembled with stainless M4 hardware, I used cap head screws, 18mm and 12mm. I have not tested breaking/slippage points, but would expect strength to approach that of the original, larger, version.

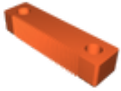
Print with 5+ shells & layers. I used ASA filament as I intend to use them in long term outdoor installations.

Fusion 360 source and .STEP files are included.

Model files



mcl-cam.stl



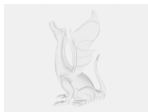
mcl-anvil.stl



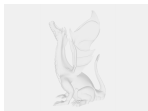
mcl-strap.stl



mcl-base.stl



minimal-cam-lock.f3d



minimal-cam-lock.step

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