



Arca Swiss tripod plate



osbock

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Summary

Basic Arca Swiss tripod plate for direct use or incorporating in other models to make them tripod mountable.

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Tags: [tripodmount](#) [gopromount](#) [tripodadapter](#)

Arca swiss tripod plate. includes source, also for combining with included gopro mount.

The main file has a slot for inserting a 1/4-20 screw. I like the ones with a d-ring handle that have a shaft around 10mm long. Adafruit sells one (<https://www.adafruit.com/product/2629>)

But you can probably find them on ebay, aliexpress, amazon (<https://amzn.to/3vsourv>), etc.

Also included is a gopro mount (the bottom part).

gopro-swiss has the gopro mount merged with the arca plate.

There's also a gopro mount that is designed for heated insert nuts, but you'll probably have to modify the source to fit the inserts you have. get the shortest M5 inserts you can find. (or cut them down.

If you print the slotted plate upside down, it needs no supports.

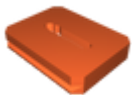
a small amount of support (on the cylindrical bushing side) is needed as well as to support the slots on the right side up plate.

Model files



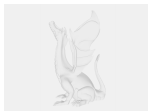
arca-swiss.fcstd

☐ Freecad source file for the basic block (with a notch cut for the screw)



arca-swiss-body.stl

☐ Printable arca block with slot for thumbscrew



gopro-swiss.fcstd

☐ merged block with gopro mount Freecad source



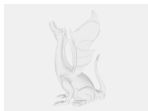
gopro-swiss.stl

☐ printable gopro/arca block needs 5mm screw and capnut



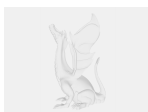
arca-swiss-plain.fcstd

☐ Plain (unslotted) Freecad source for the main block



gopro-bottom-hs.fcstd

☐ Gopro mount for heat set inserts Freecad source



gopro-bottom.fcstd

☐ Gopro mount for standard gopro cap nut Freecad source



gopro-bottom-hs-body.stl

☐ printable heatset test

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