



## ADXL345 Nozzle Mount & Bed Clamp



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### Summary

I designed this assembly to mount a ADXL345 sensor in the place of a M6 threaded nozzle (V6 or MK8) and also clamp to...

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I designed this assembly to mount a ADXL345 sensor in the place of a M6 threaded nozzle (V6 or MK8) and also clamp to a moving bed.

You will need:

- 2 x M3 threaded inserts
- 2 x M3x5 to mount the ADXL
- 1 x M6 Washer
- 1 x M6 Nut
- 1 x M6x12 bolt (to attach to hot head in place of nozzle)
- 1 x M6 x 26 bolt (To use with bed clamp, can be longer or shorter)
- 1 x Zip tie
- CAT 5 cable
- CA or similar glue

I used the CA glue to glue the washer and nut in place so they don't fall out.

I also used this model to hold a Raspberry Pi Pico on the other end of the cable.

<https://www.printables.com/model/389118-raspberry-pi-pico-case-for-adxl345-vzbot-edition/>

Category: 3D Printer Accessories

## Model files



**adxl345\_clamp.stl**



**adxl345\_mount.stl**

[Find source .stl files on Thingiverse.com](#)

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