



Magnetic catch for sliding doors



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Summary

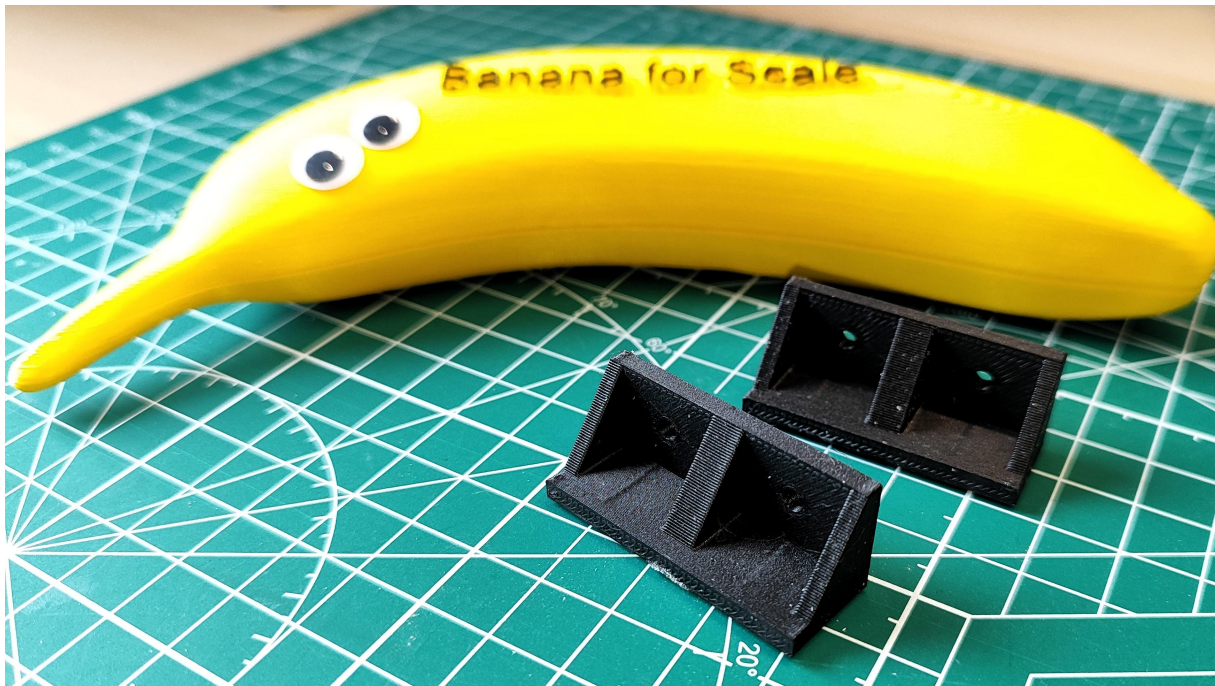
Sliding door catch which uses two magnets to hold the door together.

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Tags: [magnetic](#) [magneticholder](#)

The sliding doors between my living room and dining room will sometimes slide open, and this can create a draft in the winter. So I went to the hardware store to buy some magnetic catches which mount to the doors and keep them closed...

The problem is, they all mount on the edge of the door, creating a 5mm gap, and a draft!

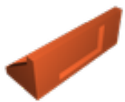


I wanted the doors to close completely, so I whipped up this project in Tinkercad. The mounts hold a single 20 x 10 x 2 mm neodymium magnet using glue or epoxy. I did toy with the idea of printing around the magnets, but I was worried that they might damage my inductive bed-levelling probe.

The mounts are secured to the door face using 2 x M3 16mm self-tapping screws.

I printed in Elegoo black PLA, 0.20 layer height, but a test at 0.24 looked identical.

Model files



sliding-door-magnet-holder.stl

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