



Magnetic Cracked Door Holder



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Summary

Keep a door open just enough so the cats can come in and out

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We have a door that we like to have the open to keep cracked open, so the cats can come in and out. I wanted a model that used magnets to hold the door open “a bit” but it should also be easy to keep it open or to close it.

This model, with a strong pair of magnets (I used [these 1.26" / 1/8" disc magnets](#)). One magnet should be glued into the model. The other magnet I would recommend gluing or taping to the top of the door (I'm currently using blue tape).

I recommend printing in the provided orientation.

Optinally use Paint-On support for the top edge of the magnet, but really it shouldn't be necessary as I provided a fair amount of tolerance around the magnet.

The provided Fusion 360 export is fully parametric with user parameters. You should be able to modify any of the dimensions by modifying the user dimensions.

Model files



cracked-door-holder.stl



cracked-door-holder-v16.f3d

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