



Switchable Magnet Corner Guide

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Summary

Corner guide using the Magswitch Magsquare 165 switchable magnet

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This is a quick-adjustable corner edge guide using a switchable magnet. Works best with 2 magnets on steel honeycomb. The magnet can be fastened to the guide with M5 screws if needed.

The part will fit on a Bambu X1C.

Print Recommendations:

- No supports
- Use a high number of wall loops for increased strength
- Use ~35% infill for increased strength

I use this to align parts on a lasercutter, but it will work on any magnetic surface.

Instructions to use:

1. Ensure the magnet is off

2. Place the magnet(s) in the slot
3. Place the guide on a honeycomb steel bed and adjust to the desired position
4. Turn the magnet(s) on
5. Push your part against the edge guide to locate it.

Additional Notes:

- These magnets are very strong
- Do not laser printed plastics or the magnet
- The outer dimensional tolerances for the magnet are poor; this design should fit without issue but MMC magnets may need some force to push in

Straight version here: <https://www.printables.com/model/870051-switchable-magnet-edge-guide>

Model files



corner-reference-magswitch-magsquare-165.stl

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