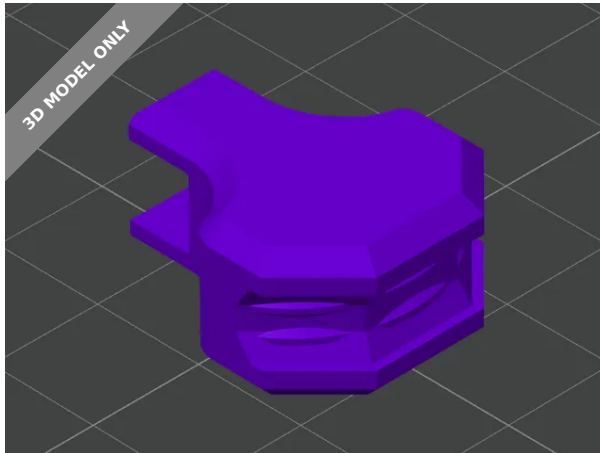




Multiboard Octogram Slot-and-Tab Connector

 **Kazenami**

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updated 21. 10. 2026 | published 21. 10. 2026

Summary

A slot-and-tab connector for multiboard Octogram grid. Lets you have easily removed storage and such!

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Neat little design. Got frustrated with the existing multiboard connectors and designed this as I wanted drawers I could easily take off and put back.

1x1 drawers with these built in to follow. The pegs to go in small sqrew holes dont work great and an actual sqrew would have issues due to the alignment needing to be right...

But a functioning work in progress! May need mild scaling for your tolerances. Slightly under-sizing them does make them work smoother.

And yes! STL and STEP both included.

Designed for 0.20mm layers as most multiboard is. 0.4 nozzle used but you might get away with 0.6 as there's not as much fine detail required. 100% infill for the pegs. Probably should add a hole down the center so it does solid connected walls all the way though.

Huge fan of alternating extra wall.

PETG or better rec. Tough PLA maybe?

Model files



slotintaboctowithsmall.stl



slotintabocto.stl



slotinocto.step



slotinoctowithsmall.step



slotintabocto.step



slotinocto.stl



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