



# Ikea Maximera Filament Storage



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## Summary

Inserts for Ikea 24" Medium Maximera drawer to store filament.

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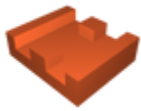
Simple system to turn a 24" depth Maximera Medium (US version) drawer into filament storage. 14 easy access spools per drawer plus space behind them for a couple more less convenient but still accessible spools. Includes files for brackets to hold 1" wooden dowels, clips to connect multiple brackets, a spacer to clip to the back so the whole things fits snugly in the drawer and a clip on box with mesh lit for silica beads. Box lid should be printed with no top or bottom layers so that the infill creates the mesh - 3mf included. The box replaces the spacer on one the left side. Also included is a two piece bracket to clip a common hygrometer onto the drawer rail as seen in the photos. The size is fairly standard but [here's an example](#). Again, the tolerances are tight intentionally so they stay in place with friction but you could trim and glue them if needed.

I printed my brackets in PETG just so they'd have a little give when snapping the dowels in but I'm confident PLA would work fine. Tolerance on the clips and holes for them is intentionally super tight so there's no risk of them popping apart over time. If your printer isn't tuned well

enough to make them work, a bit of scraping on the corners with a craft knife to square them up should fix it.

If you actually do 3 medium drawers in a cabinet as I have, the bottom drawer which is slightly shallower by design will have very close clearance with the spool height so it won't accommodate some oversize spools like 1kg Taulmann Bridge but the other drawers will.

## Model files



**maximera-spool-fastener.stl**

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**maximera-desiccant-box-large-top.stl**

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**maximera-spool-holder-base.stl**

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**maximera-desiccant-box-large-top.3mf**

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**maximera-spool-holder-extension.stl**

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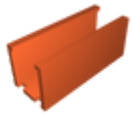
**maximera-desiccant-box-large-bottom.stl**

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**hygrometer-frame.stl**

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hygrometer-clip.stl

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