



Yet another nozzle storage box



kjs

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Summary

simple box for M6 nozzles

[3D Printers](#) > [Accessories](#)

There are already many designs available but I wanted something dead simple for a dozen nozzles. My box fits nozzles with M6 thread and up to ~12mm total length. I opted for screw-in sockets to prevent that they turn ballistic when I accidentally drop the open box.

If the cover is to lose just heat up the center of the short sides of the cover and squeeze it a bit inwards. If it is a bit tight you can slightly enlarge the STL-file in X and direction.

The M6-test.stl is provided to dial in the printer! The correction factor for inner holes has to be set so that the Thread is large enough. The file cover-test.stl is a small frame identical to the real cover to test how well the cover fits. The overall dimensions can be corrected this way.

Print parameters:

0.2mm layer height

10% cubic infill

No support

Can be printed in any material but I used PLA

One of the projects where I can use up all the short left over filaments as color doesn't matter. But isn't it surprising how much you print just because you need it for the printer?

Model files



nozzlebox_bottom.stl



nozzlebox_cover.stl



m6-test.stl



cover-test.stl

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