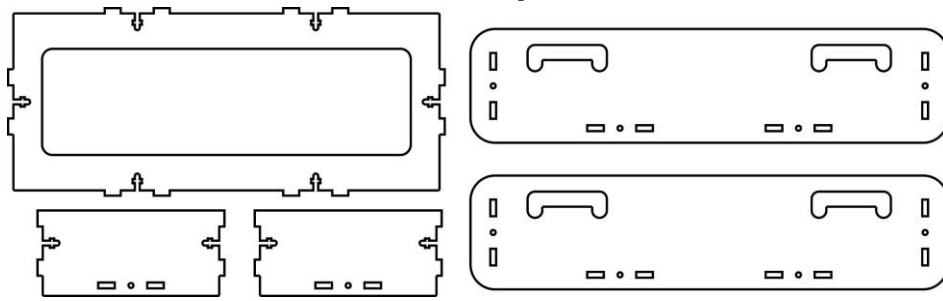


## Filament Spooler



### Hardware Included

- |                    |                    |
|--------------------|--------------------|
| 5 - Panels         | 2 – M8 Lock nuts   |
| 10 - M3-20mm bolts | 2 – M8-130mm bolts |
| 10 - M3 nuts       | 4 – LM608 Bearings |
| 8 – M8 Washers     |                    |

## **::WARNING::**

**Do not over tighten the screws in the enclosure.**

*Tighten them just enough to hold without moving around.*

*You can damage the panels easily by over tightening.*

*If you do damage a panel contact your reseller for replacements at a discounted rate.*

**Remove the protective covering before assembly.**

1. Print two spool rollers with support and standing vertically on the build plate. 3-4 shells and %10 infill are enough. PLA is preferred to have less shrinkage. Once printed, press fit the 4 bearings into the ends of the printed part. <https://www.thingiverse.com/thing:2514205>
2. Assemble with the included M3-20 bolts and M3 square nuts using the pictures as reference.
  - a. Tip: If you put a piece of blue painted tape on one side to hold the nut in place it makes assembly much easier.
3. Use the long M8 bolts with washers on both sides of the panel and the roller on the inside. When tightening down the nylon nut do not tighten all the way down. Leave it very loose so it easily slides forwards and back in the slots of the panels. The nylon nut will not come loose.

