



## Rotating Round Boxes - Print in place - NoMMU



M4NU

[VIEW IN BROWSER](#)

updated 28. 2. 2021 | published 27. 1. 2021

### Summary

Rotating round boxes with a simple lock to avoid that it opens accidentally.



9.88 hrs



1 pcs



0.20 mm



0.40 mm



PLA



94 g



Prusa  
MK3/S/S+

[Hobby & Makers](#) > [Organizers](#)

Tags: [box](#) [open](#) [lock](#) [printinplace](#) [round](#) [security](#)  
[organize](#) [close](#) [boite](#) [rangement](#) [rotate](#) [fermer](#)

### #OnlyPrintCanDolt

Rotating round boxes with a **simple lock** to avoid that it opens accidentally.

Ideal to put your spare parts, daily candies or anything else.

The **Double RoundBox** has 3 positions :

Down opened / Up closed

Down Closed / Up Opened

Down closed / Up closed

Normal Box size : 67mm

Small Box size : 50mm

**Opening** : use one hand to **hold the outside** of the box, and the other hand to **rotate the inside** holding top and bottom

- 27/01/20 : new file with bigger lock for PETG print (it seems the lock is not strong enough)

## Print instructions

Printed on MK3S

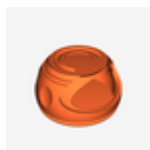
Filament tested : PLA

Nozzle 0.4mm : 0.2 mm Quality tested

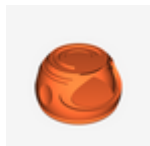
Small Boxes can be **slightly stucked at the last layer** according to the filament quality. It can be easily detached using your nail.

- **PRUSA Edition** (Normal Size) :
  - 1: up to 6.00 mm - Orange
  - 2: 6.20 - 8.00 mm - White
  - 3: 8.20 - 33.40 mm - Black
  - 4: 33-60 - 35.40 mm - White
  - 5: above 35.60 mm - Orange

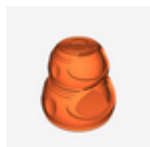
## Model files



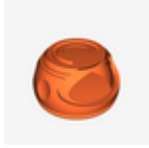
**roundbox-small.stl**



**roundbox.stl**



**roundbox-double.stl**



**round-box-biggerlock-petg-proto.stl**

## Print files



**3-boxes-normal-small-double\_02mm\_pla\_mk3s\_9h53m.gcode**

PLA 0.40 mm 0.20 mm 9.88 hrs 94 g Prusa MK3/S/S+

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