



## Parametric enclosure using metal inserts.



rojoPrint

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## Summary

Simple enclosure using metal inserts, with a Fusion360 file to allow you to customize to your needs.



5.01 hrs



1 pcs



0.20 mm



0.40 mm



PLA



75 g



Prusa  
MK3/S/S+

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[enclosures](#) [metalinserts](#)

This is a simple enclosure that utilizes metal inserts for mechanical screw closure. Model could be used for hobby electronics type applications. Model can be modified, with negative volumes in the slicer or “cut” extrusions in the Fusion360 file, to create entry/exit ports or mounting ports for whatever the application.

Pictured model and posted print file is, 80mm x 80mm x 40mm, lid printed in Jessie PLA Bold Blue, body printed in Prusament PLA Simply Green. Metal inserts are size M4 from CNC Kitchen...

<https://www.printedsolid.com/collections/1-75mm-jessie>

<https://www.prusa3d.com/category/pla/>

<https://cnckitchen.store>

## Model files



**enclosure.3mf**



**enclosure.f3d**

☐ Fusion360 file you can customize using "Change Parameters"

## Print files



**enclosure\_02mm\_pla\_mk3s\_5h1m.gcode**

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 5.01 hrs ⚖️ 75 g 🖨️ Prusa MK3/S/S+

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