

Float With Magnets



Omer Meshy

[VIEW IN BROWSER](#)

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Summary

Using magnets inside the 3D print.



1.51 hrs



1 pcs



0.20 mm



0.40 mm



PLA



18 g



Prusa MK4

[Hobby & Makers](#) > [Mechanical Parts](#)

Tags: **magnet**

This design is the first step in adding magnets to 3d printing (during the print process).

Magnet radius: 17 mm

Magnet height: 6.15 mm

You can modify it with the .part file with SolidWorks

Layer Hight: 0.2 mm

Walls: 3 lines

Infill: 15%

Use the .3mf file or the added G-code

+

Add color change (M600G1 E0.4 F1500 ; prime after color change)

||

Add pause print (M601)

G

Add custom G-code

Model files

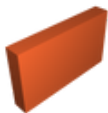
first_magnets_test.sldprt

☐ SolidWorks file



magnets.3mf

☐ make sure you have pause in the G-code



new_cover.stl

☐ new cover, better tolerance and one side is closed

Print files



magnets_pla_mk4_1h31m.bgcode

PLA 0.40 mm 0.20 mm 1.51 hrs 18 g Prusa MK4

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