



Magnetic Hexagonal Nozzle Box



SteL

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Summary

A magnetic nozzle box designed to hold V6 & MK8 style nozzles!



6.64 hrs



2 pcs



0.20 mm



0.40 mm



PLA



85 g



Prusa MINI /
MINI+

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Tags: [hexagon](#) [nozzle](#) [e3d](#) [v6](#) [creality](#) [magnetic](#)

[nozzles](#) [nozzleholder](#) [e3dv6](#) [mk8](#) [neodymium](#) [nozzlebox](#)

A magnetic nozzle box designed to hold V6 & MK8 style nozzles! **You will need six 8x3mm round neodymium magnets!**

Just add a pause print (M601) on the correct layer and insert the magnets or just use the gcode provided which has the pauses already defined. **In the case that you want to slice your own gcode, just add a pause on layer 48 for the lid and on layer 71 for the base!** If for some reason the magnets don't want to go into the holes, carefully smooth out the walls of the holes with a blade! (I've added a bit of extra clearance into the holes though so it shouldn't be a problem)

If you have any questions or problems with the print don't hesitate to let me know! Hope you enjoy the model and happy printing!

ps. Remember to triple check your magnets poles when inserting them, it would suck to have a magnet that is inserted the wrong way round... (don't ask me how I know :p)

Model files



nozzlebox-lid.stl

☐ Remember to add a pause print (M601) in order to insert magnets!



nozzlebox-base.stl

☐ Remember to add a pause print (M601) in order to insert magnets!

Print files



nozzlebox-lid_02mm_pla_mini_2h27m.gcode

PLA 0.40 mm 0.20 mm 2.45 hrs 34 g Prusa MINI / MINI+

☐ w/ M601 to insert magnets



nozzlebox-base_02mm_pla_mini_4h11m.gcode

PLA 0.40 mm 0.20 mm 4.19 hrs 51 g Prusa MINI / MINI+

☐ w/ M601 to insert magnets

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