



Modular Hex Display



Levi Sitts

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Summary

Modular hex display for Hot Wheels or Matchbox cars



25.27 hrs



1 pcs



0.20 mm



0.40 mm



PLA



243 g



Prusa
MK3S/S+ &
MMU2S/3

[Art & Design](#) > [Wall-mounted](#)

Tags: [display](#) [shelf](#) [hexagon](#) [hex](#) [matchbox](#) [hotwheels](#)
[matchboxcars](#) [matchboxwallshelf](#) [hotwheelsdisplay](#)

This modular system is inspired by the [Minifigure Display](#) by AJsRaceway on Thingiverse. I redesigned it from the ground up for 1:64 scale cars, and created an alternate tile that can be included periodically to mount it to the wall securely.

Uploaded are 4 versions with different air gaps depending on your printer's capabilities. For my Prusa MK3, I've found that the 0.10mm gap works best. Print a set of the test cubes to see what works for your printer.

The Included .3mf file shows how I've been setting up the platter with 5 of the regular tiles and 1 of the wall mount tiles.

I've also included the original SolidWorks part for anyone who wants to tinker with it. Enjoy!

Model files

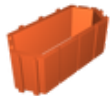


0.10 mm Air Gap

2 files



hexdisp-010gap-mount.stl



hexdisp-010gap-open.stl



0.15 mm Air Gap

2 files



hexdisp-015gap-open.stl



hexdisp-015gap-mount.stl



0.20 mm Air Gap

2 files



hexdisp-020gap-mount.stl



hexdisp-020gap-open.stl



0.05 mm Air Gap

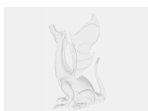
2 files



hexdisp-005gap-mount.stl



hexdisp-005gap-open.stl



hexdisp.sldprt

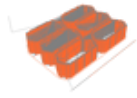


test-cube-male.stl



test-cube-female.stl

Print files



hwhex-010gap_04n_02mm_pla_mk3smmu2s_1d1h16m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 25.27 hrs ⚖️ 243 g

🖨️ Prusa MK3S/S+ & MMU2S/3

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