



Manual Gear Shift Fidget



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[VIEW IN BROWSER](#)

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Summary

Gear shift fidget for everyone who loves manual shifting.



8.31 hrs



10 pcs



0.20 mm



0.40 mm



PLA
PET



80 g



Prusa
MK3/S/S+

[Toys & Games](#) > [Other Toys & Games](#)

Tags: [toy](#) [fidget](#) [fidgettoy](#) [gearbox](#) [gearshift](#)
[gearshiftknob](#)

<https://www.youtube.com/watch?v=uT-uyeFjXuY>

See it before you print it

Preview3D opens **3D models** and **G-code** the way Quick Look opens a PDF -on a Mac, an iPad, an iPhone and Apple Vision Pro.

Point your camera at the code and this **Gear Shift Fidget** assembled stands on your own table in AR, at the size it will actually print. Nothing to install: it opens as an App Clip, shows the model, and leaves.

Check the fit before the filament. See how big a print really is next to the shelf it is meant for.

Open what can't preview. **STEP, painted 3MF, STL, OBJ, glb, glTF, FBX** and about a dozen more - plus G-code with a layer slider.

Thumbnails in the Finder and Files, so a folder of downloads stops looking like a folder of blank pages.

Publishing a model yourself? Make the same animation for it at preview3d.xfanta.com/qr - paste your model's link and get a **QR code** and a ready-made GIF for every file in it. Free, and it runs in your browser.

Assembly

For assembly, you will need one ballpoint pen spring with outer diameter 4mm/0.16" and length 25mm-30mm/0.99" - 1.19". You can use one of this [Small springs set](#) or [Ballpoint pen spring](#) or [Compression spring](#). You can use one of three alternative bases. With ring, rounded or squared base. Bases are compatible for both **Automatic** and **Manual** Gear Shift Fidget.

Printing

This model is easy to print. You can use any type of filament material.

T-shirt



Support me & Buy a T-shirt

Alternatives

Automatic Gear shift fidget for everyone who prefers automatic before manual shifting.



Model files



gear_shift_fidget.stl

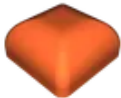
☐ assembled - not for printing



gear_shift_fidget_bottom_square.stl



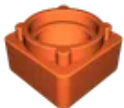
manual_gear_shift_fidget_lever.stl



gear_shift_fidget_bottom_rounded.stl



gear_shift_fidget_bottom_ring.stl



manual_gear_shift_fidget_top.stl

Print files



PETG

5 files



manual_gear_shift_fidget_top_02mm_petg_mk3s_45m.gcode

PET 0.40 mm 0.20 mm 0.76 hrs 9 g Prusa MK3/S/S+



gear_shift_fidget_bottom_rounded_02mm_petg_mk3s_45m.gcode

PET 0.40 mm 0.20 mm 0.75 hrs 8 g Prusa MK3/S/S+



gear_shift_fidget_bottom_ring_02mm_petg_mk3s_1h15m.gcode

PET 0.40 mm 0.20 mm 1.25 hrs 12 g Prusa MK3/S/S+



gear_shift_fidget_bottom_square_02mm_petg_mk3s_45m.gcode

PET 0.40 mm 0.20 mm 0.74 hrs 9 g Prusa MK3/S/S+



manual_gear_shift_fidget_lever_02mm_petg_mk3s_39m.gcode

PET 0.40 mm 0.20 mm 0.66 hrs 3 g Prusa MK3/S/S+



PLA

5 files



manual_gear_shift_fidget_top_02mm_pla_mk3s_45m.gcode

PLA 0.40 mm 0.20 mm 0.76 hrs 9 g Prusa MK3/S/S+



gear_shift_fidget_bottom_rounded_02mm_pla_mk3s_45m.gcode

PLA 0.40 mm 0.20 mm 0.75 hrs 8 g Prusa MK3/S/S+



gear_shift_fidget_bottom_square_02mm_pla_mk3s_44m.gcode

PLA 0.40 mm 0.20 mm 0.74 hrs 9 g Prusa MK3/S/S+



gear_shift_fidget_bottom_ring_02mm_pla_mk3s_1h15m.gcode

PLA 0.40 mm 0.20 mm 1.25 hrs 11 g Prusa MK3/S/S+



manual_gear_shift_fidget_lever_02mm_pla_mk3s_39m.gcode

🌐 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.65 hrs ⚖️ 3 g 🖨️ Prusa MK3/S/S+

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