



2023 Shutter Shades Omicron



Teque5

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Summary

Quick print glasses for 2023 New Year's Eve with upgraded filament hinge mechanism. Multiple sizes.

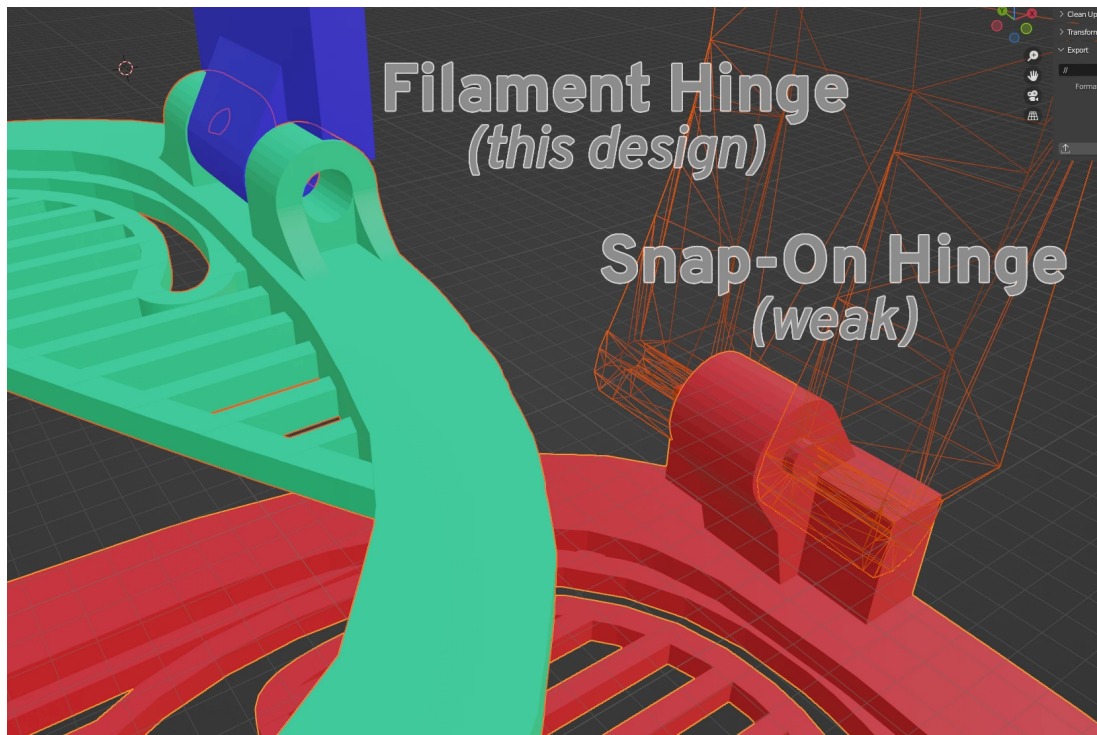
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Quick print glasses for New Year's 2023!

Remix Info

Primary new thing here is the filament hinge inspired by a different shutter shade remix. The original openscad design was really good but the snap-fit arms were very fragile. I used blender for some booleans then did manual reinforcement of the hinge portion. Turned out nice.



- 2022-12-01: Added nose bridge.
- 2022-12-09: Added other sizes by request & refined nose.

Source models:

1. My [2022 design](#)
2. Hinge inspired from [thing:4703203](#) by [nutshell](#)
3. Customizable openscad [thing:1603773](#) by [drjames](#)
4. Original **shuttershades** design [thing:28706](#) by [cmcnamara](#)

Printing

Use small segment of 1.75 mm filament for the hinge; heat with soldering iron or similar to solidify. You can use a 2mm drill bit if the holes are a bit snug. They are modeled at 2mm so it just depends on your printer.



PLA is fine if you are gentle but the hinge is stronger with HTPLA/PETG etc. If you have the textured bed you may want to use that so the surface finish is nicer. I do recommend using “don't cross perimeters” setting to reduce PETG stringing (enabled in the 3mf).

This remix is based on



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by Teque5

Model files



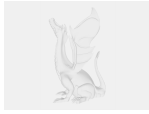
2023_new-years-glasses_toddler.3mf

☐ Complete Pair for 2023 (Toddler)



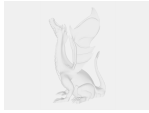
2023_new-years-glasses_kid.3mf

☐ Complete Pair for 2023 (Kid)



2023_new-years-glasses_m.3mf

☐ Complete Pair for 2023 (M/S)



2023_new-years-glasses_l.3mf

☐ Complete Pair for 2023 (L/XL)

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