Watch Movement Holder

jepler

VIEW IN BROWSER

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Summary

Another tool for my watch-repairing friend at http://timeguy.com this parametric OpenSCAD model can be used to create...

Hobby & Makers > Mechanical Parts

Tags: parametric openscad movement scad wristwatch pocketwatch

Another tool for my watch-repairing friend at http://timeguy.com this parametric OpenSCAD model can be used to create watch movement holders. Included are tested models for 12s, 16s, 17s and 18s movements. All models worked after a small amount of finishing (sanding). The notches seen in the photo are also made post-printing.

An untested holder for an Accutron 214 is now included, after a request in the comments. It's based on measurements: 28.9, 26.1, 24.5, 27.8 and heights 2, 4, 9, 13. Timeguy doesn't need one and I don't have any 214s to test it with.

Note the fudge factor function F(x). I found that I had to oversize inside diameters by 0.25mm on my printer. If your needs are different, you can regenerate the models with different F(x) offsets, or use slicer functionality similar to cura's "horizontal expansion".

Print instructions

Prints fine at 0.2mm without supports. I used PLA.

Model files

large_display_mh-12s_54024.stl

large_display_mh-18s_54024.stl

mh.scad

mh-214-untested.stl

mh-16s.stl

mh-18s.stl

mh-17s.stl

mh-12s.stl

Find source .stl files on Thingiverse.com

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