



Self-Adjusting Violin Wall Hanger



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Summary

Violin wall hanger / mount for acoustic violins and violas of all sizes. It automatically adjusts the angle of the fork.



2.18 hrs



2 pcs



0.25 mm



0.40 mm



PLA



25 g



Prusa
MK3S/S+ &
MMU2S

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Violin wall hanger / mount for acoustic violins of all sizes, and it should work with violas too. It has a rotating fork that automatically adjusts its angle to grip the violin by the neck.

1. Mount the base to the wall using a single screw (head diameter <8mm).
2. Attach the fork and to the base, and secure it with an M3x10 hex-socket screw (head diameter 5.4mm) on the bottom side. Optionally,

you can insert an M3nS nut in the socket in the base, but the screw will make its own threads in the plastic that will hold just fine.

3. Ensure that the fork can rotate freely by 90°.

No supports required. PLA recommended. 15% gyroid infill will suffice.

Additional parts

- 1x wall / wood mounting screw, head diameter <8mm, 40-60mm length
- 1x M3x10 hex-socket screw
- 1x M3nS nut - optional

NOTE: Mount the hanger so the M3 screw goes to the bottom side.

Model files



fork.stl



base.stl



violin-wall-hanger.3mf

☐ Project file

Print files



fork_025mm_pla_mk3s_1h22m.gcode

PLA 0.40 mm 0.25 mm 1.36 hrs 15 g Prusa MK3/S/S+



base_025mm_pla_mk3s_49m.gcode

PLA 0.40 mm 0.25 mm 0.82 hrs 11 g Prusa MK3/S/S+

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