

1890's Pencil Sharpener



QuantumRetrofit

[VIEW IN BROWSER](#)

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Summary

Pencil sharpener as seen on reddit! Uses sandpaper to sand down the pencil as it spins and is pushed back and forth.

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Tags: [pencil](#) [pencilsharpener](#) [reddit](#) [sharpener](#)

Based on [this design](#) from reddit! I used a piece of 110mmx40mm sandpaper and a couple of m3 screws. Does it work? Kind of... Is it cool? I think so.

Model files



3mf

5 files



sandpaperclamp.3mf

☐ Print 2.



rodclamp.3mf

☐ Print 2.



rod.3mf

☐ Print 1. Printed flat with the gear teeth up, a brim, and no supports. Lightly sanded.



slide.3mf

☐ Print 1. Print in place captive spur gear.



base.3mf

☐ Print 1. Make sure sandpaper surface is flat.



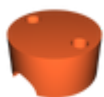
STL

5 files



sandpaperclamp.stl

☐ Print 2.



rodclamp.stl

☐ Print 2.



rod.stl

☐ Print 1. Printed flat with a brim and no supports. Remove brim and lightly sand smooth.



slide.stl

☐ Print 1. Print in place captive spur gear.



base.stl

☐ Print 1. Make sure sandpaper surface is flat.



sharpener-v6.f3d

☐ For those who want to make changes

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