



Hyperparametric Braille Glue Spreader



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Summary

The end-all of glue spreaders. Change one parameter, and it will remake it to your desires. Includes auto braille!

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The end-all of glue spreaders. Change one parameter, and it will remake it to your desires. Includes auto braille!

Uses FreeCAD as the main parametric platform. It is free, so editing won't cost anything. All parameters are customizable, and it supports braille as an autogenerated feature of the model. Does not require editing of anything other than the spreadsheet.

As an added feature, it uses an actual sine wave as the spreading tooth, this reduces the chance of scratching your surfaces (you are gluing them... right?) and improves distribution. keyring hole included.

Best printed with a nozzle above .4mm, with good bed adhesion. I use a 1mm nozzle for my prints, and it still works out OK.

Model files



spreader750.stl



spreader200.stl



spreader350.stl



spreader400.stl



glue_spreaders.fcstd

☐ The Parametric FreeCAD file. Change your tooth size, wait approx 1min and you will have your



spreader600.stl



spreader300.stl



all_set.3mf



spreader1000.stl



spreader500.stl

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