

## Custom Wide Neck Concert Ukulele



**Big.One**

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### Summary

Similar to all my other headless ukulele designs. I designed it for folks with bigger hands and fingers, the nut width...

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Similar to all my other headless ukulele designs. I designed it for folks with bigger hands and fingers, the nut width is 40mm, 10mm between strings. It can be printed with FDM printers of at least 300mm in Z-axis, and 250mmx250mm on X & Y. I haven't printed this yet, so if you did successfully, please link your make here with photos and videos to show sound quality.

This model comes in 5 pieces to be glued together:

- Body, max length ~292mm
  - Print like a vase, i.e. neck pointing up, so no internal support needed
- Neck, max length ~233mm
  - Print flat face on plate
- Fretboard, max length ~248mm
  - Print flat face on plate

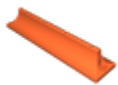
- Bridge, to be screwed and/or glued to body
  - Print flat face on plate
- Guides (for string at tail), to be glued into body
  - Print flat on plate

Other parts needed:

- 2 pieces of carbon fiber rods e.g. [from DragonPlate](#) to be the spines of this unit, otherwise it will buckle under string tension, cut it down to size of ~472mm
- 4 small friction or planetary tuning pegs e.g.
  - [Google Seach Friction pegs...](#)
  - [Google Seach Gotoh UPTL...](#)
    - You'll need the Long version i.e. UPTL as the thickness of tuning stem hole is roughly 9.6mm

Category: 3D Printing

## Model files



**custom\_385\_-\_brdg.stl**



**custom\_385\_-\_body.stl**



**custom\_385\_-\_neck.stl**



**custom\_385\_-\_guide.stl**



**custom\_385\_-\_fretbd.stl**

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