



Weed Grinder Stand (Parametric)

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Summary

A stand I made for my weed grinder and the things it comes with. It's parametric, so it can be resized.

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Tags: [grinder](#) [stand](#) [weed](#)

Overview

A simple stand for the "[5 piece Ongrok Toothless Herb Grinder with Storage](#)" that I made to hold:

- The grinder itself
- The little pieces it comes with (guitar pick and brush)
- A paper straw for packing the weed into a joint (it fits the one I found in the package for the cones)

Parameterization

It I also made it parametric, so it could theoretically hold other grinders if you wanted to give it a try (untested as I only have the 1 grinder). By default, the main settings are:

- Fitment padding: 0.4mm

- Grinder
 - Diameter: 54.4mm
 - Fitment padding applies
- Brush
 - Width: 11.25mm
 - Thickness: 2.5mm
 - Fitment padding applies
- Pick
 - Thickness: 0.75mm
 - Pick width 20mm up from the point: 25mm
 - Fitment padding applies **only to the thickness**
- Packer (straw)
 - Diameter: 6.1mm
 - Fitment padding **does not apply**

Print Settings

It doesn't really need to be strong, so any print setting is probably fine.

I printed it using 3DPrintingCanada's PLA+, and I had 15% gyroid infill.

Versions

Version	Notes
v6	<ol style="list-style-type: none"> 1. Added a spot for a straw. I originally didn't have this since it was originally just intended to hold the parts that came with the grinder itself, but I quickly realized that it made sense to keep it all together (and there was free space beside where I had the brush). 2. Shaped the slot for the guitar pick to roughly match the contour of the pick so that it stands up properly and doesn't fall to one side.
v5	Initial release.

Model files

 **v6** 2 files

**grinder-stand.stl**
☐ Fits the Ongrok grinder with the parameters given in the "Parameterization" section.

**grinder-stand.f3d**
☐ The actual Fusion360 file if you want to change the parameters.

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