



Hex Hole End of the Roll Phone Stand



Ian Foulds

[VIEW IN BROWSER](#)

updated 16. 5. 2022 | published 16. 5. 2022

Summary

A simple 2 angle phone stand using less than 2m of filament. Have one in every room!



0.97 hrs



1 pcs



0.20 mm



0.40 mm



PLA



6 g



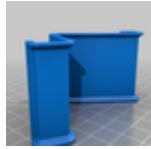
Prusa MINI /
MINI+

[Gadgets](#) > [Other Gadgets](#)

Tags: [supportless](#) [phonestand](#) [nosupports](#) [endoffilament](#)

This is another remixed version of my previous 2 angle phone stand design, instead of making it thinner I did some hex cutouts aligned so that supports weren't needed. In this case the stiffness didn't really change much from the original version. It works with both large and small phones. The structure was shelled to minimize material (main body is a single extrusion width), but the ribs on the edges stiffen the structure significantly. Prusa slicer says 1.91m of filament for the print. It should be printed on edge as shown in the .stl, the transitions have been chamfered so that no supports are needed (and for a bit more strength).

This remix is based on



Simple Phone Stand (15 cents of filament)

by Ian Foulds

Model files



hexholesphonestand_endofroll.stl

Print files



hexholesphonestand_endofroll_02mm_pla_mini_58m.gcode

PLA 0.40 mm 0.20 mm 0.97 hrs 6 g Prusa MINI / MINI+

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Free Cultural Works
 - ✓ | Meets Open Definition

