



Geared Phone stand 2



Thorin Oakenshield

[VIEW IN BROWSER](#)

updated 17. 12. 2025 | published 17. 12. 2025

Summary

Geared Phone stand -2 version Size L and XL Print-in-place

[Gadgets](#) > [Portable Devices](#)

Tags: [holder](#) [stand](#) [gear](#) [phonestand](#) [printinplace](#) [phone](#)
[mobile](#) [geared](#) [phoneholder](#) [phonestandholder](#)

Geared Phone stand 2

- I wanted to completely redesign the original version, but I found that the original was well made, so I only changed a few things -
- a new **gear pattern**,
- a new more **finely graduated locking mechanism**,
- charging **holes for a wider cable**,
- larger width - it is a **little more robust**,
- I prepared two **size versions - L and XL**.
- The L version is for landscape phones with a **width of 70-75mm**
- The XL version is for landscape phones with a **width of 76-80mm** or even for small tablets.
- This version is a **complete print-in-place**, the tolerances between the parts **/0.35-0.4mm/** should be suitable for most printers.
- I printed with a layer height of 0.2mm and a nozzle of 0.4mm.
- The filament is **Prusament PLA Prusa Pro Green** - a very nice color

Do not use a brim when printing! The parts will then stick together and will not move!

Before printing, I recommend gently roughening the printing plate with a **scotch-brite sponge + isopropyl**



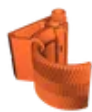
This remix is based on



Geared Phone stand

by Thorin Oakenshield

Model files



gear-phone-stand-l.stl



gear-phone-stand-xl.stl

License

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



Attribution—Noncommercial—No Derivatives

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