



Phone Tripod



SubSite

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Summary

A ball jointed printable tripod. Measure the width of your phone (or google for its specs), and select the closest...

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Tags: [phonestand](#) [phone](#) [tripod](#) [iphone](#) [smartphoneholder](#)
[thingiverse](#) [balljoint](#)

A ball jointed printable tripod.

Check out the new version of this!

<https://www.printables.com/model/177685-phone-tripod-v2>

- Measure the width of your phone (or google for its specs), and select the closest size Phone Clamp. If you use a phone case or something, make sure to use the total width including the case.
- Print (at least) the Phone Clamp in PETG (or other material that's springy, and doesn't deform over time). This part must be printed with supports. Use some sandpaper to smooth out the support interface area on the ball.
- Print three of the Tripod Leg (PLA is fine)

An M5 x 40mm bolt is needed for assembly (longer works too, but it will stick out and look ugly). Assembly:

Fasten the legs first, as this can require a bit of force. Place the tripod base upside down on a flat surface. Be sure to align the notches of each leg with the small bumps inside of the grooves for the legs. Press straight down, but be careful so you don't hurt yourself if something slips. Using leather gloves might be a good idea.

- Use a screwdriver to slightly widen the gap of the Tripod Base ball joint and push the phone clamp in place.
- Slide the M5 bolt through the printed screw. If it's difficult to get the last bit of the bolt head seated, use an M5 nut on the other end to pull the bolt through.
- The bolt hole is threaded in the design, but depending on your printer settings, it might be a bit tight. You can put a small amount of grease on the very end of the bolt for smoother operation.

Originally published in 2020: <https://www.thingiverse.com/thing:4181527>

Print Settings

Supports:

Yes

Resolution:

0.20

Category: Mobile Phone

This remix is based on



Phone Tripod

by SubSite

Model files



tripod_base.stl



tripod_screw_knob.stl



tripod_leg.stl



phone_clamp_62mm.stl



phone_clamp_63mm.stl



phone_clamp_65mm.stl



phone_clamp_64mm.stl



phone_clamp_66mm.stl



phone_clamp_67mm.stl



phone_clamp_68mm.stl



phone_clamp_69mm.stl



phone_clamp_70mm.stl



phone_clamp_71mm.stl



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phone_clamp_80mm.stl



phone_clamp_82mm.stl



phone_clamp_84mm.stl



phone_clamp_86mm.stl

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