Geared Phone stand

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VIEW IN BROWSER

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Summary

Geared Phone stand-holder

6.81 hrs	1 pcs	0.22 mm	0.40 mm	PLA	97 g	Prusa MK4

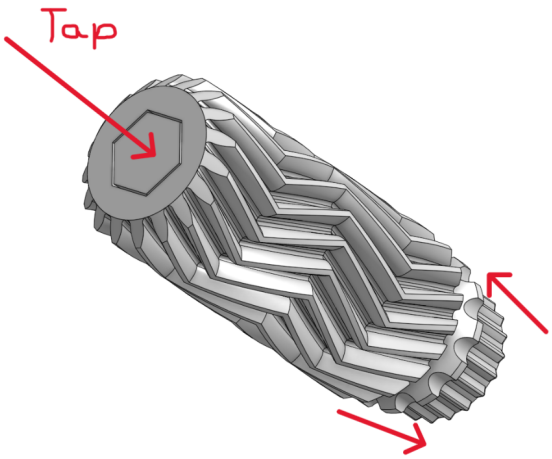
Gadgets > Portable Devices

Tags: holder stand gear gears phonestand printinplace phone mobile geared mobilephonestand mobilephone phoneholder phonestandholder

I really like gears - you can see it on my models, there are many on this topic. I was inspired by similar holders, but I added new things to this one - it can be printed print-in-place, I added a locking wheel so that the gears do not move under load.
The Print-in-place version of the model cannot be disassembled.
During the first tests, I found that the first one could be disassembled, so I added separate parts if you wanted to have a holder in different colors.

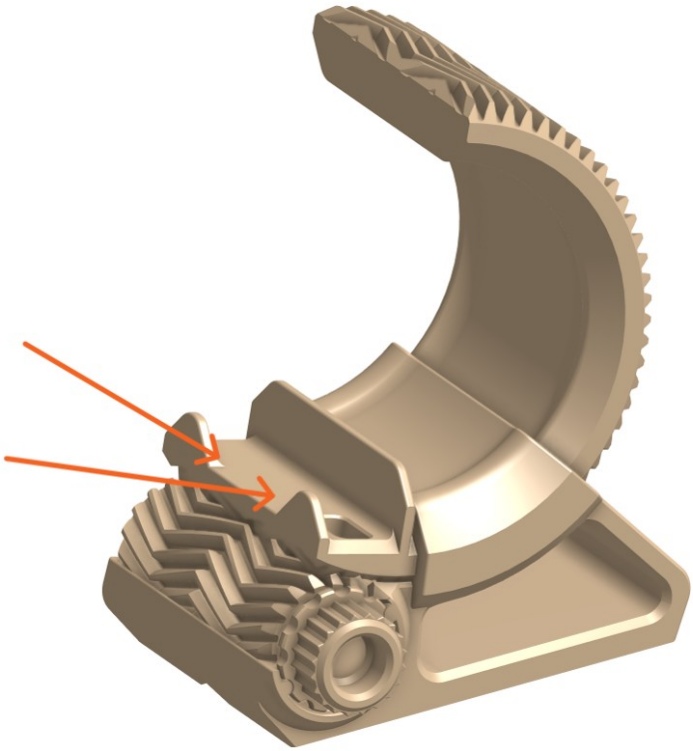
26.2. Update !! Added number of cutouts in the locking cylinder for finer adjustment of the holder angle. From 4 to 8 cutouts.

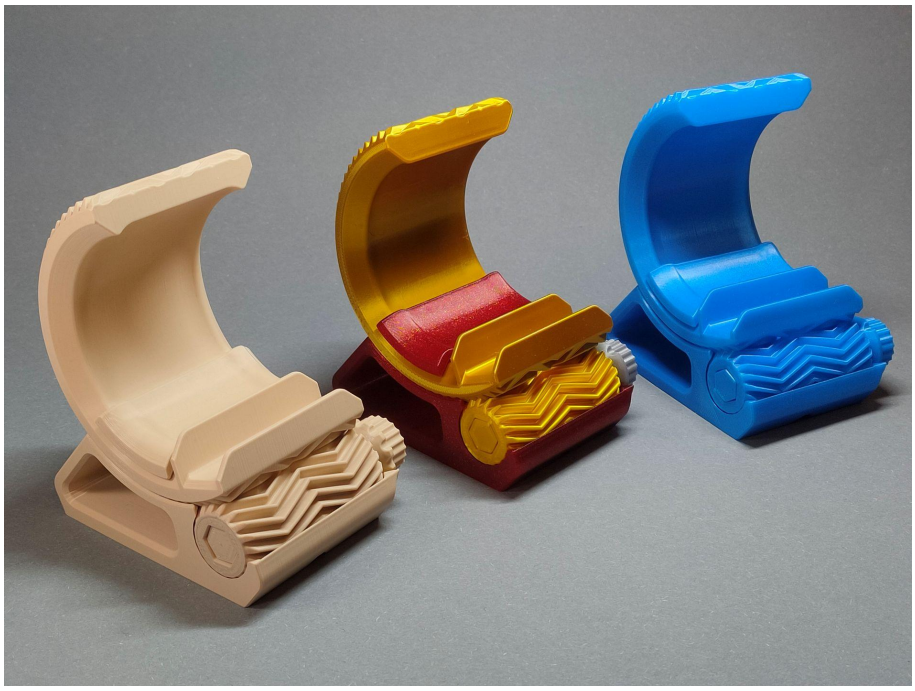
If there is a problem with **releasing the Aretation part**, turn the knob a little sideways or **tap on the hexagon**. The tolerance between the parts should allow separation without problems. Try downloading the model again, I uploaded looser parts

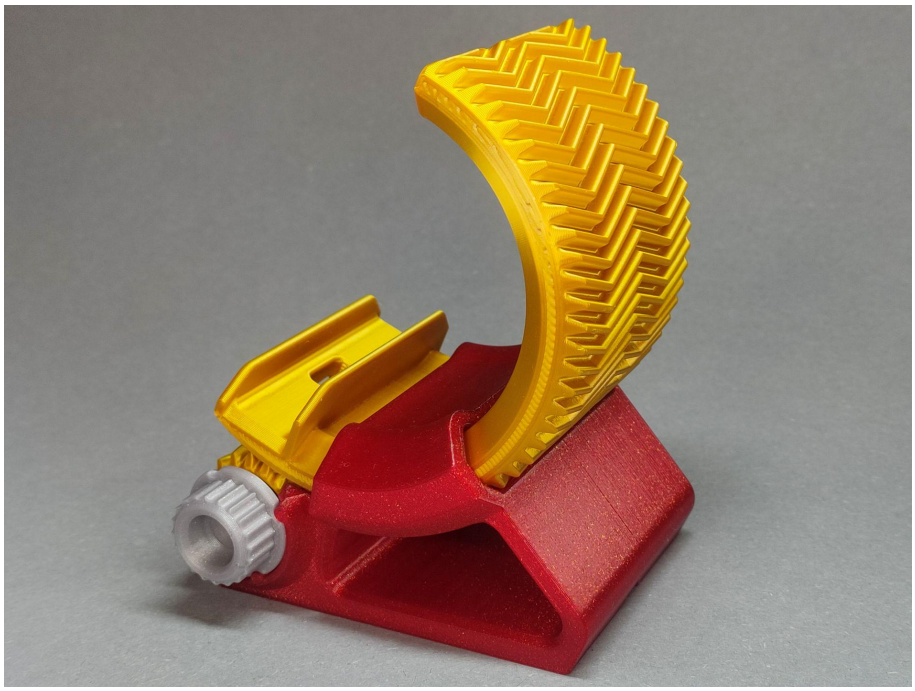


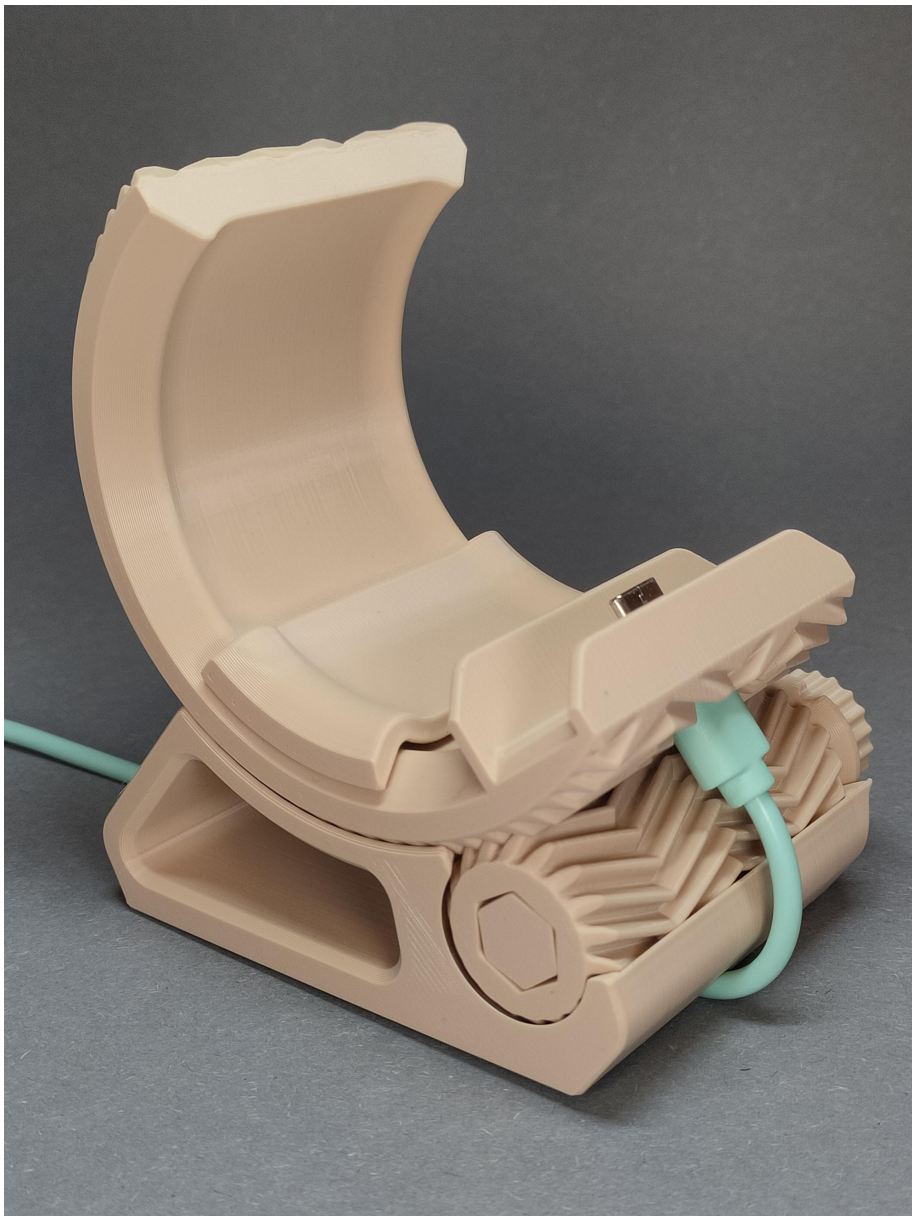
Optional model with fine angle locking added - entire Print-in-place holder, also individual parts - with 12 locking cutouts24.3. UPDATE !!!

Added after comments, the part of the Gear Holder arch that holds the phone has a cutout for better control of the phone,files are in the Gear Holder with Cut-out directory









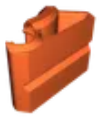
Model files

Gear Holder with Cut-out 6 files

gear-arch-cutout-central-charging-04mm-tolpip.stl

gear-arch-cutout-central-charging.stl

12-aret-04mm-tolerance.stl



stand.stl

print-in-place-side-charging.stl

gear-arch-cutout-side-charging.stl

gear-holder-p-i-p-fine-aretation-12-cutouts.stl

gear-holder-p-i-p-8-cutouts.stl

gear-holder-arch.stl

gear-holder-stand.stl

gear-holder-fine-aretation-12-cutouts.stl

gear-holder-aretation-8-cutouts.stl

Print files

gear-holder-print-in-place_04n_022mm_pla_mk4_6h49m.bgcode

PLA 0.40 mm 0.22 mm 6.81 hrs 97 g Prusa MK4

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