



Flexible Smartphone Arm



Retro_CHR

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Summary

Flex arm to hold your smartphone with integrated charging lead. Great for taking pictures as a tripod. Also great to wat

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Flex arm to hold your smartphone with integrated charging lead. Great for taking pictures as a tripod. Also great to watch movies while laying in bed. Comes with a smartphone clamp for 6" and one for 5" phones. Fusion360 source included, as always.





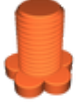


HOW TO PRINT THIS THING:

- **ALL PARTS ARE TO BE MADE OF PETG** - PLA is too brittle and does not work
- **RANDOMIZE THE Z-SEAM ORIENTATION** in the slicer - so the seam gets distributed evenly
- print the segments oriented with the rim on the bottom
- if the tube segments fit too loose or too tight adjust the flow/extrusion rate in 3% steps. it needs to be super tight
- print the segments in batches of 3 until you got the flow adjusted correctly

ADDITIONAL INFO ON THIS:

- mount the segments at an angle
- wall thickness of the tube segment is 1.6mm so it fits 4 lines of a 0.4 nozzle
- the rim on the tube segment is to help bed adhesion while maintaining a chamfer on the opening
- the tube segment is sort of parametrical so you can play with it

Model files

	files	7 files
	mount_socket_segment-v21.stl	
	tube_segment_v27.stl	
	table-clamp_v27.stl	
	screw_v21.stl	
	smartphone_clamp_5in-v21.stl	
	smartphone_clamp_6in-v21.stl	



fusion360project-smartphone-holding-arm-v29.f3d

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