



## Phone mount for Klipper screen



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### Summary

This was modeled to use a LG G3 but I provided step files so you can customize the size needed for your device.

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### Print settings:

.4 nozzle

.2 layer height

turn fan **off** to prevent warping

### BOM:

4 m3 socket head cap screws (long enough to go through extrusion mount and into t slot with t nut installed)

4 10mm m3 socket head cap screws

4 m3 t nuts

4 heatset inserts

8 6x2 mm magnets

glue

### **Assembly:**

#### **extrusion mount:**

press 4 heatset inserts into extrusion mount (where the phone base and extrusion mount will interface)

place 4 longer m3 screws down in from the top through the angled guide holes

thread t nuts onto longer screws(just a couple turns, dont snug up

slide assembled extrusion mount onto extrusion

tighten all 4 long screws to secure to extrusion

#### **phone base:**

glue 4 magnets into phone base magnet holes **Let Dry!**

take 4 more magnets and place one on each glued in magnet mark each of the magnets with a sharpie

#### **screen cover:**

make sure the cover plate is in the correct orientation as it would be with phone in

one at a time (let cure for a few minutes), glue the marked magnets with mark face down into its corresponding hole

let all magnets cure

Now you can place the phone in and put the screen cover on!

# Model files



**extrusion-mount.stl**



**phone-base.stl**



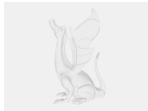
**screen-cover.stl**



**phone-mount-kit.stl**



**cover-plate.step**



**extrusion-mount.step**



**phone-base.step**

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