



Slim and lightweight 3010/5015 fan and 3D-touch mounter for Kingroon KP3S



Yohei Fukuma

[VIEW IN BROWSER](#)

updated 2. 7. 2023 | published 2. 7. 2023

Summary

We've designed the slim and lightweight mounter for fix the 3010 Hotend Fan, 5015 Section Fan, and 3D touch to the...

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [thingiverse](#)

We've designed the slim and lightweight mounter for fix the 3010 Hotend Fan, 5015 Section Fan, and 3D touch to the Titan Extruder model and share it. This part relies on ribs to secure the 5015. Please be sure to check the preview of the slicer that the rib at the tip is printed. The sensor layout we have to describe in robin_nano_cfg.txt of the 3D-touch compatible firmware assumes follows.

```
Z_PROBE_OFFSET_FROM_EXTRUDER -2.0
```

```
X_PROBE_OFFSET_FROM_EXTRUDER -25.0
```

```
Y_PROBE_OFFSET_FROM_EXTRUDER 0
```

```
LEFT_PROBE_BED_POSITION 10
```

BACK_PROBE_BED_POSITION 150

DEFAULT E0 STEPS PER UNIT 764 #E (steps/mm)

Titan Extruder 3010 Hotend Fan 5015 Section Fan, 3Dtouch
5015

BACK PROBE BED POSITION 150

3D Touch KP3S 3.0 titan extruder e-step

3D Touch – KINGROON KP3S http://hitoriblog.com/kingroon_kp3s/docs/how-to-do-automatic-bed-leveling-with-kingroon_kp3s/

cf. Imported from the following on 2023.07.02.
<https://www.thingiverse.com/fukumay/designs>

Model files



holder_hotend_kp3s_21b.f3d



holder_hotend_kp3s_21b.stl

[Find source .stl files on Thingiverse.com](#)

License ©

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



Attribution—Noncommercial—Share Alike

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