



## Sentinel toolhead for rapido hotend



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### Summary

remix of original Sentinel toolhead design by Kanrog.

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this is my remix of the awesome sentinel toolhead by Kanrog to fit a Phaetus rapido hf, it is intended to be used only with this particular hotend because unlike the original, this design lost the ability to easily change the length of the air ducts, this limitation however comes from a bigger volume of the ducts with a more gentle transition to the smaller nozzle section, airflow seems to have improved measuring with an anemometer, I will post a cfd analysis in the future.

Please note that this design uses mgn9c bolt pattern instead of the original mgn9c, I also included a tab on the left for an optional x endstop and or adxl345.

Happy printing!

### This remix is based on



## Sentinel [Rook 2020 Printhead]

by Kanrog

## Model files



**sentinel-rapido.stl**

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