

## Rotating CPAP headboard clip

 par2808

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### Summary

This is a clip to hold a CPAP hose to a headboard while allowing it to rotate. It is sized for a ResMed S9 Climateline...

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Tags: [openscad](#)

This is a clip to hold a CPAP hose to a headboard while allowing it to rotate. It is sized for a ResMed S9 Climateline hose and a headboard thickness of 28mm.

### Print Settings

#### Printer Brand:

Wanhao

#### Printer:

Wanhao Duplicator i3 V2

#### Rafts:

No

**Supports:**

No

**Resolution:**

0.3

**Infill:**

30%

**Notes:**

I printed using PETG. I used 3 walls so that the hose clip was printed as a solid piece without infill.

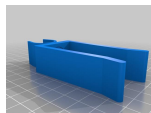
**Post-Printing**

Twist the clip a bit to break it free and then it should rotate freely. I added a tiny bit of silicone lubricant to allow it to rotate more easily.

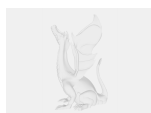
**How I Designed This**

I used the code from this forum post for circle tangents to get the curve of the clip: <http://forum.openscad.org/Script-to-replicate-hull-and-minkowski-for-CSG-export-import-into-FreeCAD-td16537.html#a16556>

Category: Household

**This remix is based on****Rotating CPAP headboard clip**

by 1paul

**Model files**

bracket\_v8.scad

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**bracket\_v8.stl**

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

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