



## Anycubic Chiron Spring-based Damping Feet

f **fmMike**

VIEW IN BROWSER

updated 10. 8. 2022 | published 10. 8. 2022

### Summary

Saw this design on a YouTube channel ([https://www.youtube.com/channel/UCkXj9\\_80x1PquHxWZtT-6Hg](https://www.youtube.com/channel/UCkXj9_80x1PquHxWZtT-6Hg) check the videos about...

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[3D Printers](#) > [Accessories](#)

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Consists of 4 main parts:

- upper disc
- spring - or - "puffer"
- lower disc
- damper pad underneath (see cross section for details)

Print the "puffer" in TPU (used some quite old FlexiSmart stuff found on [Amazon](#)) just in case you do not have a suitable spring on hand. Stiffness of the buffer can be managed by infill percentage - have done mine with 50% and works quite well.

The setup will not entirely stop the Chiron from wobbling around, but shows some good improvements when printing with 60mm/s

Just forgot: you will need 4 of them ;)

## **Print Settings**

### **Printer Brand:**

Monoprice

### **Printer:**

Mini Delta

### **Rafts:**

No

### **Supports:**

Yes

### **Resolution:**

0,2mm

### **Infill:**

50%

**Filament:** Nothing special... PETG Cheap stuff from [Amazon](#)

### **Notes:**

when printing PETG or ABS on the Monoprice Delta Mini make sure you have a proper skirt enabled to keep the print on the bed and to avoid warping. I used 240°C nozzle and 60°C on the bed and it worked quite good. Will take approx. 45min for each disc

Post-Printing =====

### **Remove the support**

the discs will have some support material on the inside since bridging does not work properly at this size - remove with pliers or cutter

### **Glue the damper pad**

Have printed the damper pad in TPU and glued it to the lower disc using some UHU Hart PVC glue - sticks very well and does a good job on a flat surface to avoid the printer moving around (pads were printed on a Flashforge Dreamer for easier TPU handling)

Category: 3D Printer Accessories

## Model files



**fuss\_unten.stl**



**fuss\_puffer.stl**



**fuss\_daempfer.stl**



**fuss\_oben.stl**

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

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