



Ender 3 Pro spring based damper foot



MacPro_de

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Summary

These are spring based vibration damper feet for the Ender 3 Pro (I think, that they should be compatible to the Ender...

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These are spring based vibration damper feet for the Ender 3 Pro (I think, that they should be compatible to the Ender 3, as well).

The larger case part is the lower part in which you have to place 2 springs. Into that lower part you have to place the top part onto which you can then place the rubber foot of the Ender 3 Pro. The installation of all four feet is quite challenging, but it can be done.

You might want to install additional rubber feet below those dampers. My Ender 3 Pro sits on an anti slip mat, so for me this was not necessary.

You need to print both parts four times and you will need 8 springs with the correct dimensions and strenght. The ones I used are called Squik SC-18-026 / EAN: 0682604575667 / UPC: 682604575667 and you should be able to find them on [Amazon](#) (I added an image with dimensions of the springs which I found on [Amazon](#)).

Intentionally I made the lower (outer) part a little bit wider, so that there is a small gap between the upper (inner) and the lower part of the damper foot. This way the the inner foot can move more or less freely and it also should avoid any kind of noise caused by the feet themselves.

When you look at those feet from the top while the Ender is printing, then you can see, that there is some movement.

If you make those feet, then please share your experience in the comments. Thank you.

Any helpful feedback is much appreciated.

Print Settings

Printer Brand:

Creality

Printer:

Ender 3 Pro

Rafts:

No

Supports:

Yes

Resolution:

0.2mm

Infill:

25%

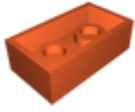
Filament: PLA

Notes:

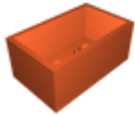
I printed those feet with PLA at 205° C / 60° C with 6 wall lines, 3 bottom and 3 top layers.

Only the upper part requires support for the cutout I left for placing the rubber foot of the Ender 3 Pro.

Model files



ender3prodamperupper.stl



ender3prodamperlower.stl

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

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