



## P-clip for Overarm dust collection - SawStop

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### Summary

P-clip used to attach dust collection tubing (ABS drain pipe with ID of 1.5") to the side rail



3.79 hrs



1 pcs



0.30 mm



0.40 mm



PLA



75 g



Prusa  
MK3/S/S+

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[overarm](#)

I made my own overarm dust collection for my sawstop CNS

the stock part for the P-clip is not overly expensive but not cheap either (10.40 USD/pc)  
(<https://www.sawstopstore.com/product/dust-tube-clamp/>)

But in my case, with using ABS piping with inner diameter (ID) of 1.5" I had adapt the P-clip to the OD of these tubes and couldn't use the stock parts So I came up with my own design and modelled a very similar parts, based on installation guide (<https://www.sawstop.com/wp-content/uploads/>)

2021/10/Installation\_Guide\_Over-Arm\_Dust\_Collection\_1.pdf) and taking measurement on my CNS

The original part uses M6x1x30 and M6x1x10 screws, but I used M8x1.25x16 screws because I had bunch laying around in my CNS spare parts

I also designed the holes as threaded but w/o thread modelled and then I tapped the hole - it is sufficient for the amount of torque involved here

But I guess using insert would not hurt either

I did not play a lot on printing parameter, but increasing the infill rate would make the art clamping on the side rail a bit stiffer, it's flexing a tad as it is with 20%

## Model files



**p-clip\_cust\_collection\_arm-v26.3mf**

## Print files



**p-clip\_cust\_collection\_arm-v26\_03mm\_pla\_mk3s\_3h48m.gcode**

🌀 PLA 🌀 0.40 mm 🌀 0.30 mm 🕒 3.79 hrs 📊 75 g 🖨️ Prusa MK3/S/S+

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