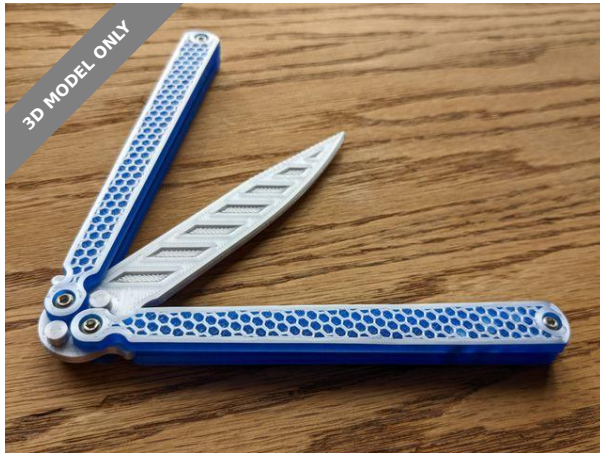




Trainer Balisong (aka butterfly knife)



Eclsnowman

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updated 22. 4. 2023 | published 22. 4. 2023

Summary

My son wanted a trainer balisong for his Halloween costume. So I designed this one.

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My son wanted a trainer balisong (aka butterfly knife) for his Halloween costume. I found a few 3D Printable designs out there and printed them. But the weight and size never seemed right. So, I figured I would just custom design one for him.

Print Settings: I printed the first few layers with an accent color, no bottom layers, and 30% honeycomb infill. Then I did a M600 color change and switched to 100% rectilinear infill for weight.

The only hardware required is Qty:4 M3x10mm button heads, and Qty:4 M3 hex nuts. If you want more weight you can swap the printed pins for 5mm OD metal pins (qty:6 x 10mm, qty:2 x 12mm).

I have included the plate of STL's as well as a STEP, the original Solidworks files (sorry can't upload the assembly... printables still doesn't support the **.sldasm** file type). I also included a link to an Onshape import.

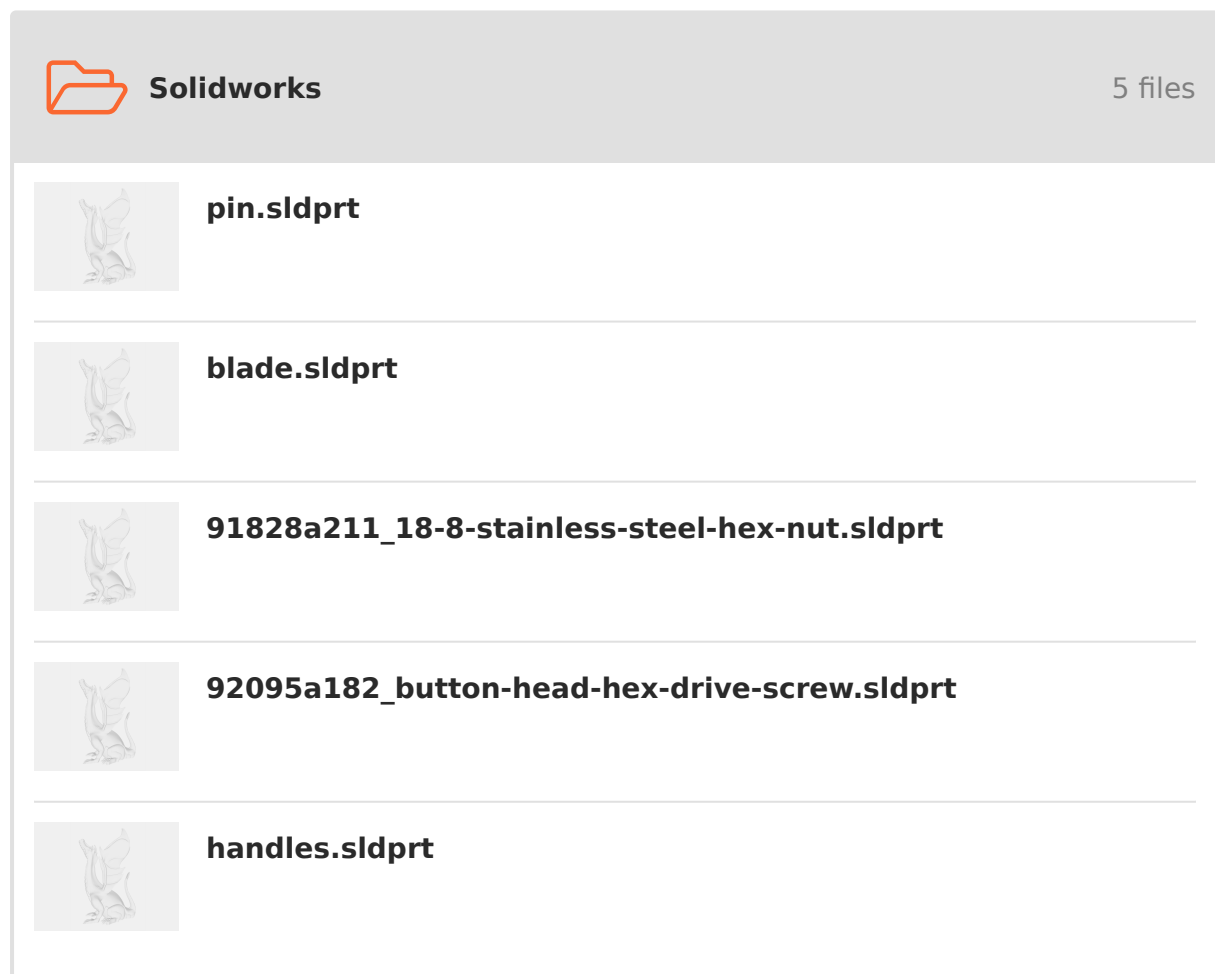
Onshape: <https://cad.onshape.com/documents/e653a823015d37890a0a78f6/w/8b21972e8d6b2f68293fe0e7/e/1a2cb4fab845d202c35e7a39?renderMode=0&uiState=633b02c5179c912951c45efd>

Video of my feeble attempt at a balisong flourish: <https://photos.app.goo.gl/tg8wC2idECXPQcQW6>

Modify and customize it to your hearts content.

Update: Added a rounded tip version of the blade as an optional download (More Kid Friendly)

Model files





balisong.step



balisong_parts_plated.stl



blade_rounded_tipkid-friendly.stl

☐ Round Tip Blade (More Kid Friendly)

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