



Minimalistic & smooth Corner Bracket



Meister Edel

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updated 23. 3. 2024 | published 23. 3. 2024

Summary

Bracket With 3 Sides to be fixed on.

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Tags: shelf design mount diy round bracket angle
woodworking wood corner stark shelfbracket
shelfmount strong stable minimalistic winkel slim
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minimalistisch eck

Heyho

For a small project I did need some minimalistic brackets! Since I didn't particularly like most of the versions already available online, I quickly constructed a few myself and ended up installing this ones. After that Project I was asked to design a corner bracket in a similar way. So here it is!

Design Ideas

Round Corners

There are no hard edges to ensure a beautifully minimalist shape that no one can bump into unpleasantly :)

Hardware

Only 3 wood screws (contersunk as standard or flathead) are required for assembly. Two **4 mm** (x 20 mm +) screw to attach the angle and one **3 mm** (x 8 mm +) screw to attach the bracket.

Cap

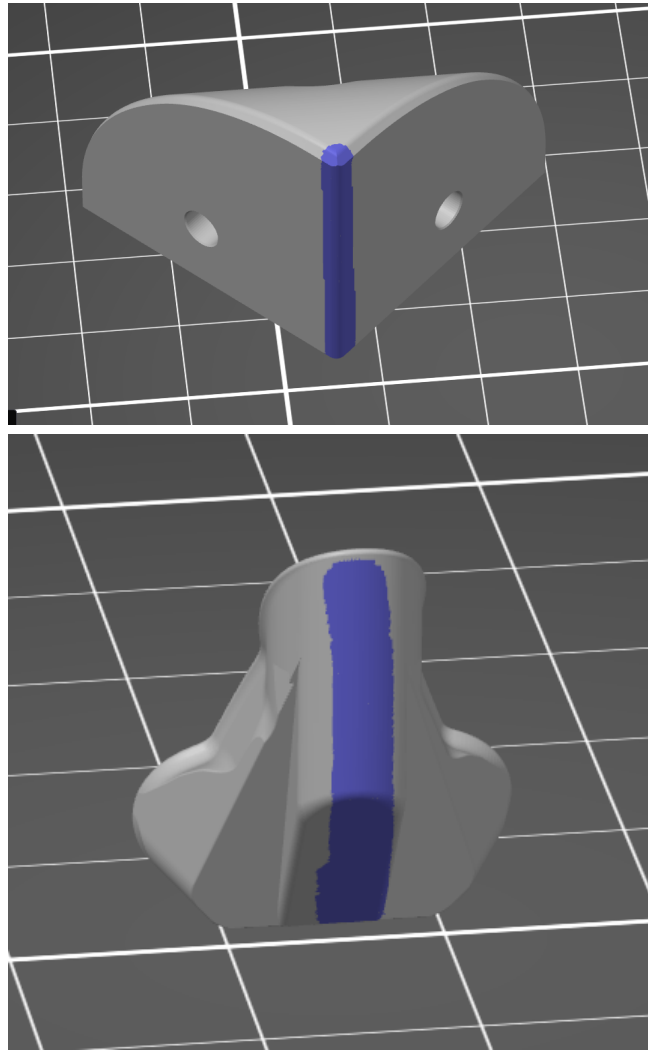
I Added 2 Cap versions. One that can be printed standing upright and one that can be printed lying down. The upright one looks cleaner but eventually needs a brim. The lying one doesn't look that clean later on but is easier to print.

Scaling

You can scale the model up/ down if you like! But keep in mind that the Screw sizes will also change!

Print Instructions:

I printed the Brackets in 0,2 mm layer height, 30% Infill and 4 Perimeter with PETG. But PLA ore even more technical materials should work too :) If you want to max out the stability then go for 100% infill.
Seams:



Have fun! And If you like my work share it and consider leaving a small donation so I can continue to publish my work!

This remix is based on



Minimalist Bracket

by Meister Edel

Model files



corner_bracket.stl



corner_bracket_extrasmooth.stl



corner_bracket_flathead.stl



corner_bracket_extrasmooth_flathead.stl



cap_upright.stl



cap_lying.stl

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