



Strong Rounded Corner Bracket



Dudla

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Summary

Corner bracket to make 90 degrees connection of three panels easier and stronger. For 3-4mm screws. Printable as pyramid

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I recommend printing from ASA but PETG will also work. 0.2mm layer height. 4 or more perimeters will make it stronger. I also included a variant for printing laying on the arms (as a pyramid) so that the orientation of the layers makes it even stronger.

Dimensions:

- 3mm thick version 54 x 54 x 54mm
- 4mm thick version 55 x 55 x 55mm
- 5mm thick version 56 x 56 x 56mm

Wholes prepared for countersunk screws of 3 to 4 mm diameter.

UPDATE: added variant of 5mm version placed on the pad as pyramid for symmetrical orientation of the layers to make it even stronger - must print with brim

Model files

corner-bracket_3mm.stl



corner_bracket_3mm.3mf



corner-bracket_4mm.stl



corner-bracket_5mm.stl



corner-bracket-pyramid-5mm.stl



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