



Corner Bracket v2 (optimized for 3D printing)



3D_Workspace

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Summary

no support, no bridging, strong design

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Normal 3d-printed brackets can easily break if you overtighten the screws.

These brackets are specially designed for FDM-3D-printing. Because of their wide surface areas on every layer they can withstand multiple times more force than other 3d-printed brackets.

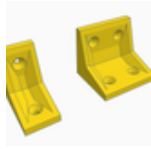
There are 3 brackets in 2 sizes:

- 32x16
- 32x32
- 32_3-sides
- 24x12
- 24x24
- 24_3-sides

You can download 2 versions of every bracket. The normal versions are made for countersunk screws and the “_flat” versions are for truss, pan or round head screws.

You can find the drilling distances of every version in the pictures or as PDF download in scale 1:1.

This remix is based on



Corner Bracket (optimized for 3D printing)

by 3D_Workspace

Model files



Brackets_32

3 files



bracket_32x16.stl



bracket_32x32.stl



bracket_32_3-sides.stl



Brackts_32_flat

3 files



bracket_32x16_flat.stl



bracket_32x32_flat.stl



bracket_32_3-sides_flat.stl



Brackets_24

3 files



bracket_24x12.stl



bracket_24x24.stl



bracket_24_3-sides.stl



Brackets_24_flat

3 files



bracket_24x12_flat.stl



bracket_24x24_flat.stl



bracket_24_3-sides_flat.stl

Other files



corner_bracket_v2_drill_distances.pdf

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