



3D Printer Glass Bed Clamp



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Summary

I had a piece of glass custom cut for my 270 mm x 220 mm heated bed. I used the typical paper clip attachment but...

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I had a piece of glass custom cut for my 270 mm x 220 mm heated bed. I used the typical paper clip attachment but wanted something less intrusive. These small clamps will hold the corners of a glass bed to a bed substrate such as aluminum. They can handle up to 7 mm of thickness. All you need is an 8 mm x 3 mm cap screw (or Philips) and a 3 mm nut. The cap screws are easy to tighten by hand. I suggest not to crank down on the screw too much as its not needed and could dig into your bed underside. This design makes it very quick and easy to remove your glass bed plate.

Print Settings

Printer:

HyperCube

Rafts:

No

Supports:

Yes

Resolution:

0.1mm

Infill:

50%

Notes:

You should use at least 50% infill for strength and ABS to resist heat.
ABS

Extruder 235C

Bed 85C

Post-Printing

I used support for the hex pocket which needs to be removed. No other post processing is needed.

Category: 3D Printer Accessories

Model files



glassbedclamp.stl

[Find source .stl files on Thingiverse.com](#)

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