



## 2020 Extrusion Panel mounts



Plexi

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### Summary

This panel mount allows Plexiglas panels or other panel materials to be mounted within 2020 aluminum extrusion frames....

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This panel mount allows Plexiglas panels or other panel materials to be mounted within 2020 aluminum extrusion frames. I used them to add a panel to the bottom of my HyperCube printer. The mounts provide the advantage of placing the mounting hole well away from the edge and putting gentle pressure on a wider area rather than a concentrated screw hole so that cracking is less likely . Using these mounts also makes the panel easy to remove without internal access.

To use these panel mounts, drill a 6 mm hole in the panel 12 mm from the edge. Attach the mount with the bushing and a 3 mm x 8 mm screw and washer. Use a 5 mm screw and extrusion T-Nut to mount the other end to your 2020 extrusion. The bushing hole is self tapping.

The mount is designed for 3 mm thick panels but can be used with thicker panels. For thinner panels, you may need to shorten the bushing.

This is the HyperCube Printer I am using these panel mounts on. <http://www.thingiverse.com/make:272257>

## Print Settings

### Printer:

HyperCube

### Rafts:

No

### Supports:

No

### Resolution:

0.2mm

### Infill:

50%

### Notes:

PLA is fine, ABS even better

Category: 3D Printer Accessories

## Model files



panel\_mount\_washerv2.stl



plexi\_panel\_mount.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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