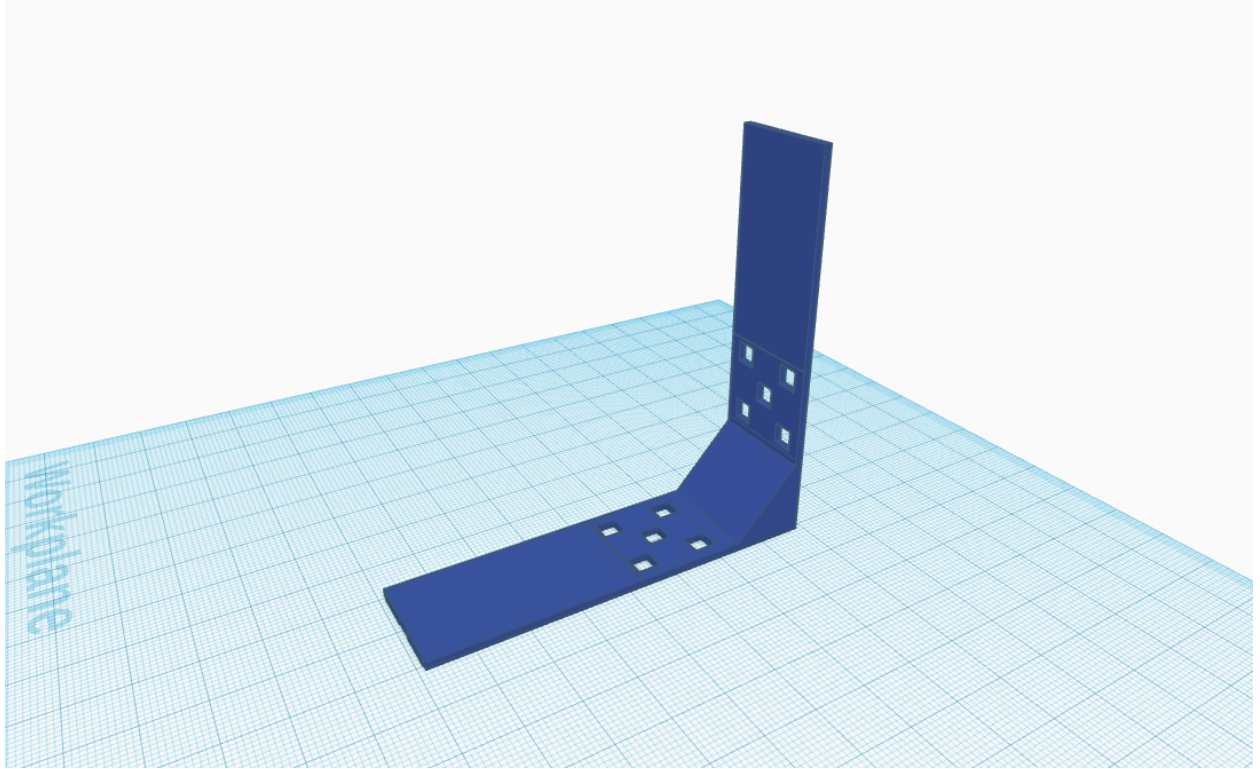# L-bracket for c channel

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For this challenge we made a L-bracket that fits perfectly into a c channel. For the design in tinkercad we took a c channel and removed the sides and a bit more so that it would fit inside a normal c channel. The piece itself has a total amount of 10 holes for screws 5 on one side 5 on the other. To attach it you put two c channels next to each other at a 90 degree angle. After that you put the piece in and screw it in. The piece has a longer blank spot on each side for more support. With this piece it uses more screws than just connecting two c channels at a 90 degree angle but it's a lot stronger and doesn't move as much.

This is the piece 3d printed

This is a picture of the 3d model of the piece

This is the L bracket inside of the c channel