

The part we created is to solve the issue of joining three axis without using multiple parts and more space.

The piece would be used to connect parts that are at perpendicular angles to each other. This could be used for stabilization of greater parts, such as booms that need to be steady.

I used Tinkercad 2019\_10\_14 to create the part. The way I made the part was to make a large rectangle and put in square holes, with the sides of squares being used for the corners. I then made the elongated quarter-circle to go on each corner. I copied each part the required amount then

I learned more about how to use CAD systems, I was previously unsure as to how they worked. I will use 3D design systems in the future for engineering and design classes. This software could help by allowing us to plan ahead and not have unforeseen issues. 3D design software will help my career, as engineering and science absolutely require CAD software.

