

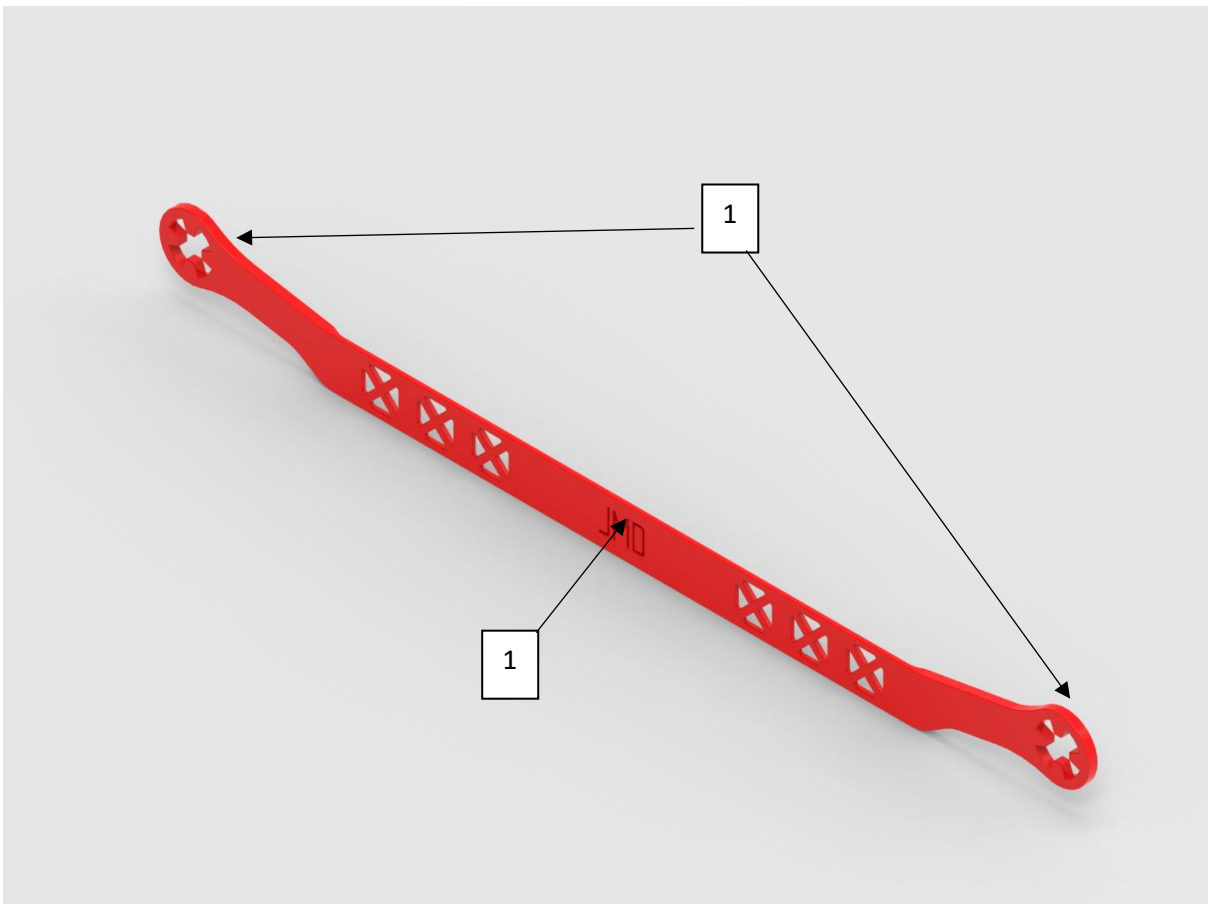
## Design and Testing Notes

### Design Intent

The attached design is intended for attachment with an article of clothing or otherwise to create a mask. The sizing of the holes at the ends are designed so that cloth inserted through them are not easily removed through general use. This design was created after a conversation with a friend, currently in Madrid under lock-down, who found it difficult to source materials that would allow the creation of a makeshift mask after off the shelf masks sold out.

This design would allow users to use any article of clothing, or otherwise, as a mask. For example (as the surgeon general recommended) a t-shirt could be used when folded. The ends of the t-shirt could then be threaded through the holes at either end of the design until it is taut against the users face.

### Operation



1. Holes for clothing article or otherwise to thread through
2. Neck rest

## **Manufacture**

It is recommended that the design be 3D printed. Testing was performed on a theoretical solid body and it may be best to prototype with users desired print qualities to ensure sufficient strength.