

PROJECT STAGE 2

INTRODUCTION:

The final product is made of 4 parts. The parts are prosthetic limb cover(figure 1),inner rod(figure 2),connector(figure 3),foot structure(figure 4).



Fig. 1. Prosthetic limb cover

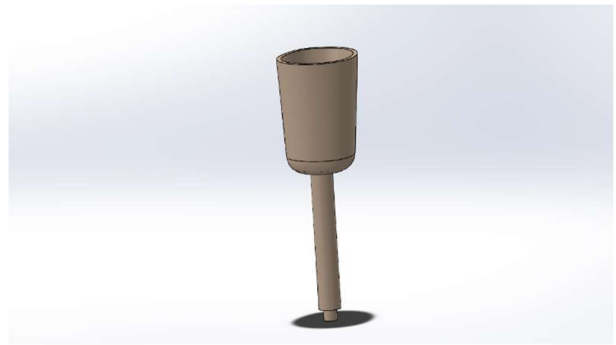


Fig. 2. inner rod

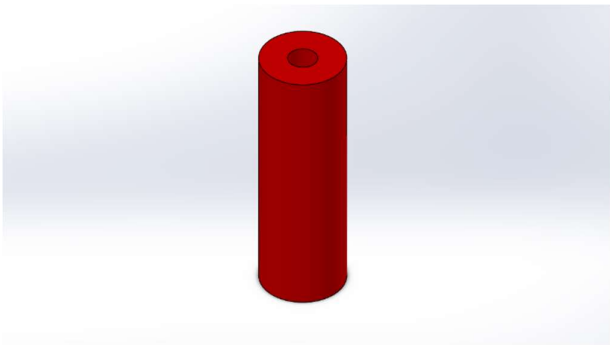


Fig. 3. Connector

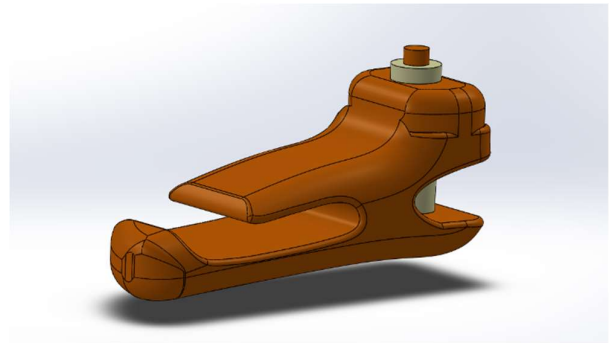


Fig. 4. Foot Structure

FINAL PRODUCT ASSEMBLED:



MANUFACTURING PLAN:

Parts	Manufacturing process
Prosthetic limb cover	FDM
inner rod	FDM
Connector	FDM
Foot Structure	SLA

SLA is selected for the intricate structures that are to be made. Also, after the 3D printing is done, we are planning to do some drilling for the further assembly.

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