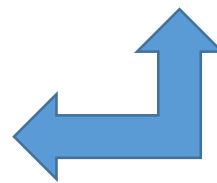
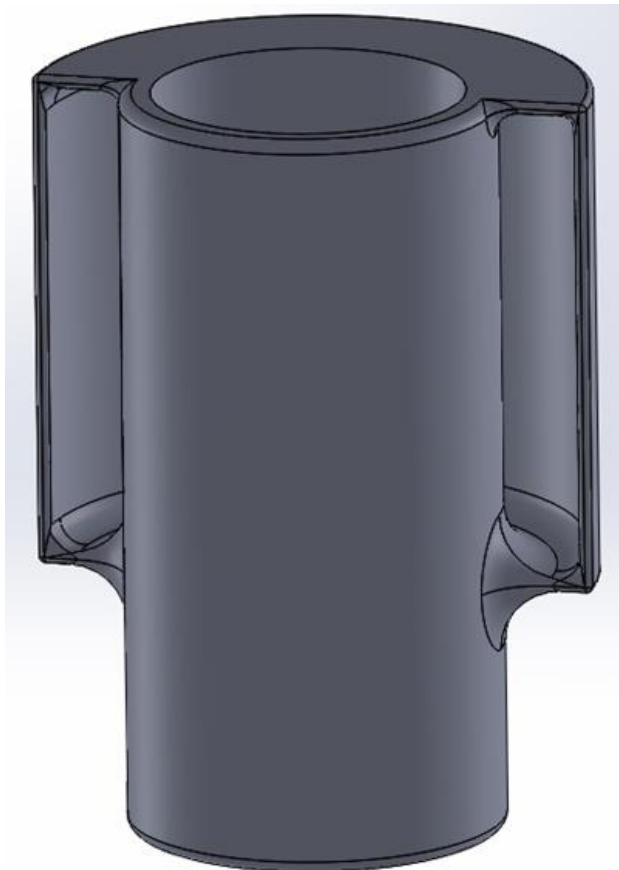


Design Project 1



For our first Engineering Design Project we will create a coffee mug for disabled people that only have one finger. We will analyze the opinions of the market and consider sustainable issues such as the cost, material, environmental

issues and social impact. In order to accomplish this goal, we used different tools such as the engineering design process, the analytical hierarchy process (AHP), ideal value method, and classification tree to develop the best possible solution. At the end of the project, we came with the following solution:



Our coffee mug contains a sleeve to help the disabled people drink their coffee without any difficulty whatsoever