

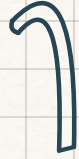
3/5/2025

Objectives: design clips for the housing

drum rims universally have a flange, like this →



Side-view
cross section
looks like this



I want to 3D-print a clip that can snap onto this flange, my initial design is this:

Not on the rim:



On the rim:



What I got done: initial design of the clip is finished. Need to 3D print and test.
not sure if 3D printing filament will be elastic enough for this.
need to test to see if it will return to original shape after being on the rim.