

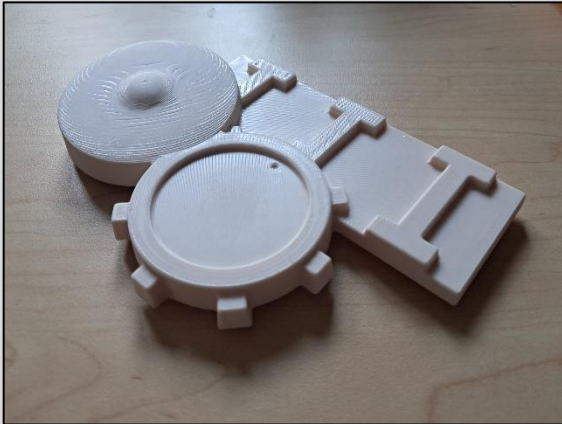
# Critical Part

## Critical part fabricated: Drum lock

**Processes involved:** 3D printing, woodworking, casting

**Material used:** A356

*Fabrication of Drum lock in snapshots:*



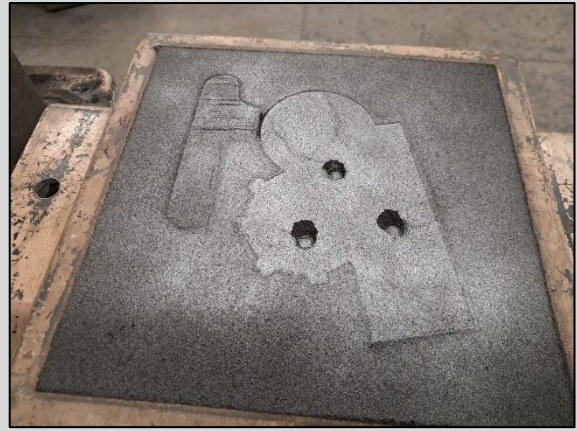
3D printed PLA loose pattern with dowel pins



Gate and runner made from plywood, coated with Shellac



Loose pattern coated with Bondo and Shellac, and file finished



Ramming up the loose pattern



Unfinished cast pieces





Cast drum lock close-up view and size comparison