



Osprey Design Experience Weekly Memo

TEAM NAME: Green Ellipsis

DATE: 10/20/23

ATTACHMENTS: 1) Testing method 2) Filament Strength Test 3) Test print work area

WORK COMPLETED:

- Critical Design Review Finished.
- Bill of Materials created.
- Fleshed out designs of experiments.

WORK TO BE COMPLETED NEXT WEEK:

- Presenting CDR to Green Ellipsis
- Submitting Bill of Materials
- Work spacing testing areas in lab.

TEAM HOURS:

Name	Hours
Ryan Hunter	26 hours
Christopher Zervos	17 hours
Jacob Davis	17 hours
Allison Wolfson	23 hours
Total	83 hours

Author: Christopher Zervos

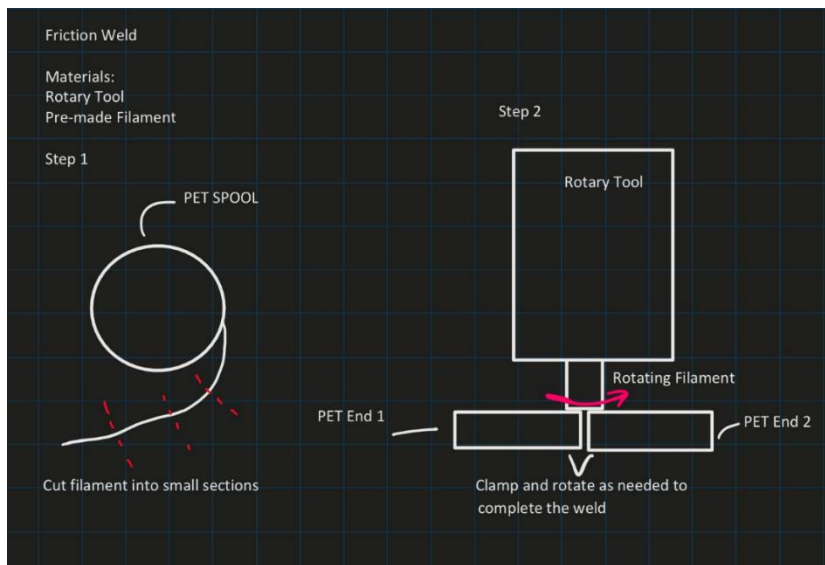


Figure 1 Friction Weld Clamp Method

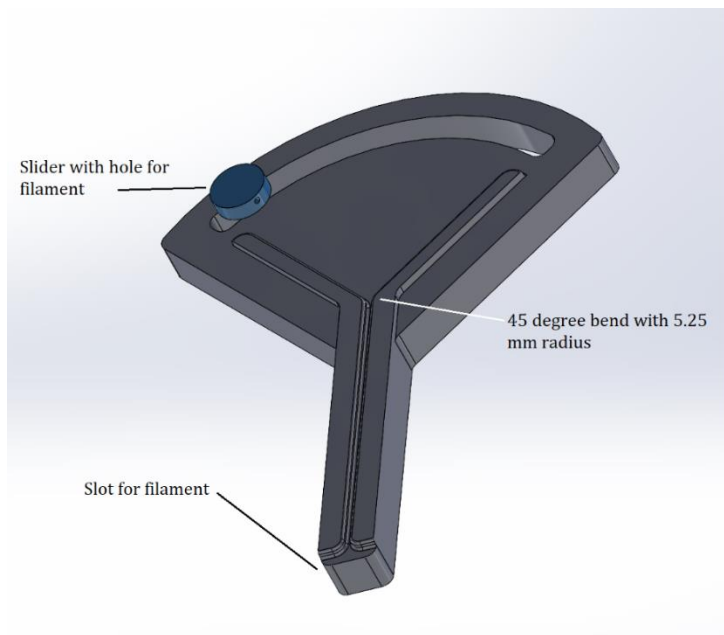


Figure 2 Filament Bending Test

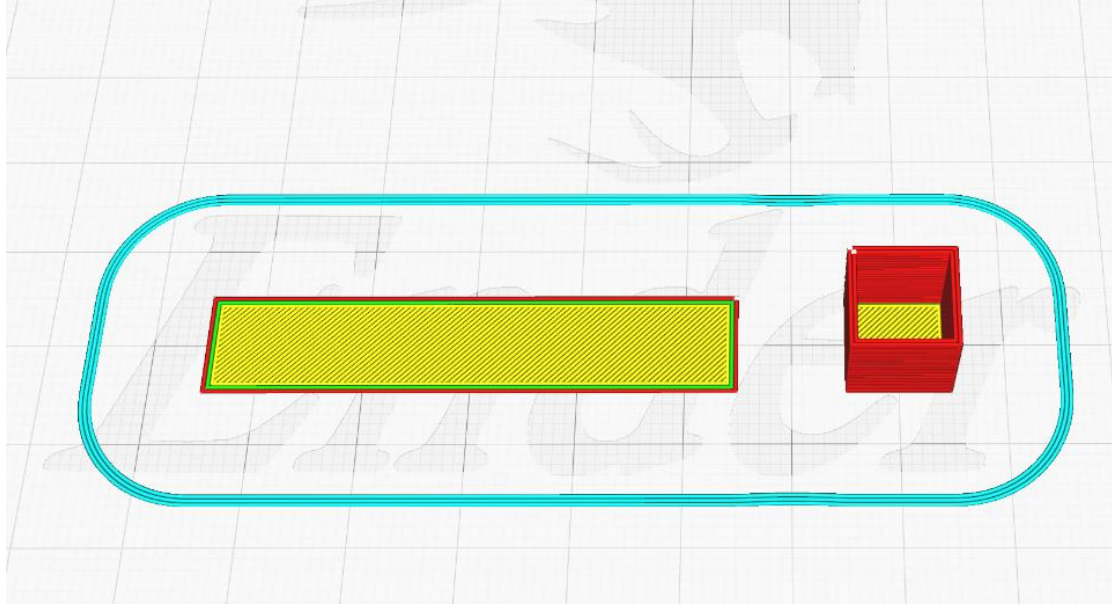


Figure 3 Test Print for 20 cm length Filament