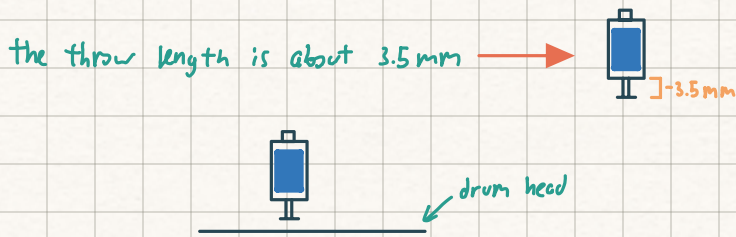


3/13/2025

Objectives: decide how far solenoid should be from the drum head

Solenoid we chose: <https://www.adafruit.com/product/2776>



The distance can't be too far or too short. too far would mean we miss, too short means we don't get the full power, and it could push against our housing and move it.

we'll be testing between 2.5 - 3.4 mm, to find the sweet spot where we get a good strike from the drum but we don't move our housing too far. The push-pull solenoid could move our housing after a strike which could impact the process of the rest of the tuning

What was done: Figured out a good testing range for the distance between the drum head and the striking subsystem