

Candy Dispenser

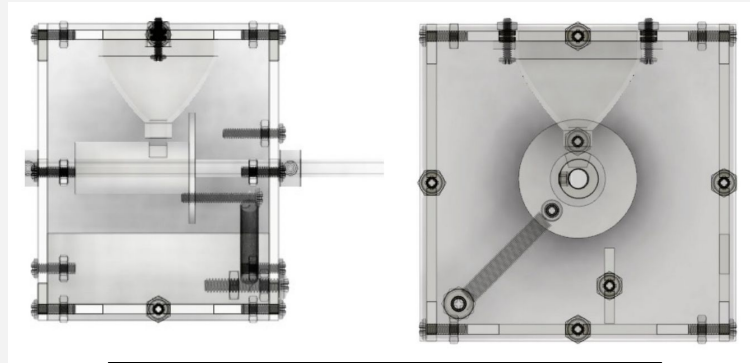
This is a candy dispenser which utilises a one-handed rotary motion to actuate and automatically resets for the next dispensing mechanism.

The user is able to turn the d-shaft clockwise, causing the component holding the candy to rotate and the spring to extend linearly. The user rotates until they hit the hard stop and the candy rolls into the designated area for dispensed candy. Once the user lets go of the shaft, the spring will return to its original length, bringing the slot on the rotating component back underneath the funnel, where another candy falls into the empty spot, ready to be dispensed.

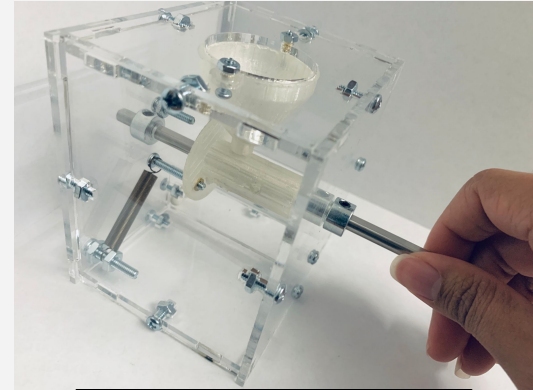
Video: <https://drive.google.com/file/d/1k3yG9badLchSCPc8w22AjDrQZnxuJBoA/view?usp=sharing>



Initial
prototype



CAD assembly on final design



FINAL PRODUCT