

CATALOG PRESENTS

# KOMO DARU

The logo icon consists of a square frame containing a stylized, geometric representation of a gear or a mechanical component, rendered in white lines against a dark background.



**MESSAGE FROM //RICECUTTA//**

When I first learned about 3D printing, the idea of being able to print anything was something that sounded like a cool concept but that was a surface-level understanding of it; what it really gave was the power to dream, create, and design things never seen before. No longer bound by the limits of the past, we can now create amazing things and make the unbelievable real. The Komodaru is a representation of chasing an idea and doing everything to make it real.

A very special thanks to the Gatalog for hosting the Komodaru beta, and another thanks to the beta testers that ran a whole lot of rounds through it. Without people like you supporting, building, and spreading the signal, projects like this wouldn't exist.

**DREAM, CREATE, AND NEVER FADE AWAY**

**Rated for:**

-22lr

-9mm

-5.56 (has been tested on 7.5" barrels up to 16")

**Notes:**

-308 and 7.62 are a mixed bag because it may cause the top of the Komodaru to fly off, but since the core is metal, it will still function as a flash can, even when the printed part fails; it just won't be as pretty looking.

-To check if your chosen round will work: drop a snapcap or brass casing of your desired caliber through it and if it falls through freely, you are ready to go.

-Parts for the standard Komodaru will not work in the Hyperion 2A housing prints. The H2A housing is built around their metal coupler and is able to be swapped to a flash can/muzzle break hybrid that uses the holes in the body as exit points or a regular flash can when the coupler is flipped.

-Threadlocker can be used on the adapter and the coupler to prevent the assembled body from twisting during use, but it may make disassembly harder when swapping the k-body.

## Tools:

Hex keys

## Pre-manufactured Parts:

- m3x6mm bolts and nuts x2
- Podavelle 1/2-28 Female to 3/4-16 13/16-16 3/4 NPT Male Hose Adapter Reducer Fitting Connector

<https://www.amazon.com/Podavelle-Adapter-Reducer-Connector-Aluminum/dp/B0BF8PVKMV?th=1>

- Hard-to-Find Fastener 014973322281 Coupling Nuts, 3/4-16 (This comes in a 2 pack, so if you want two FC pick up another adapter)

<https://www.amazon.com/Hard-Find-Fastener-014973322281-Coupling/dp/B00L1L6FVU?th=1>

- Hyperion 2a coupler and adapter kit (You will need to print the H2A Komodaru version for the hardware to work)

<https://hyperion2a.com/product/komodaru-flash-can-hardware/>

## Printed Parts needed:

### RFRD Komodaru FC

- Komodaru cap
- Komodaru long body
- Komodaru short body

### RFRD/H2A Komodaru FC

- H2A Komodaru cap
- H2A Komodaru short body

## Print Settings:

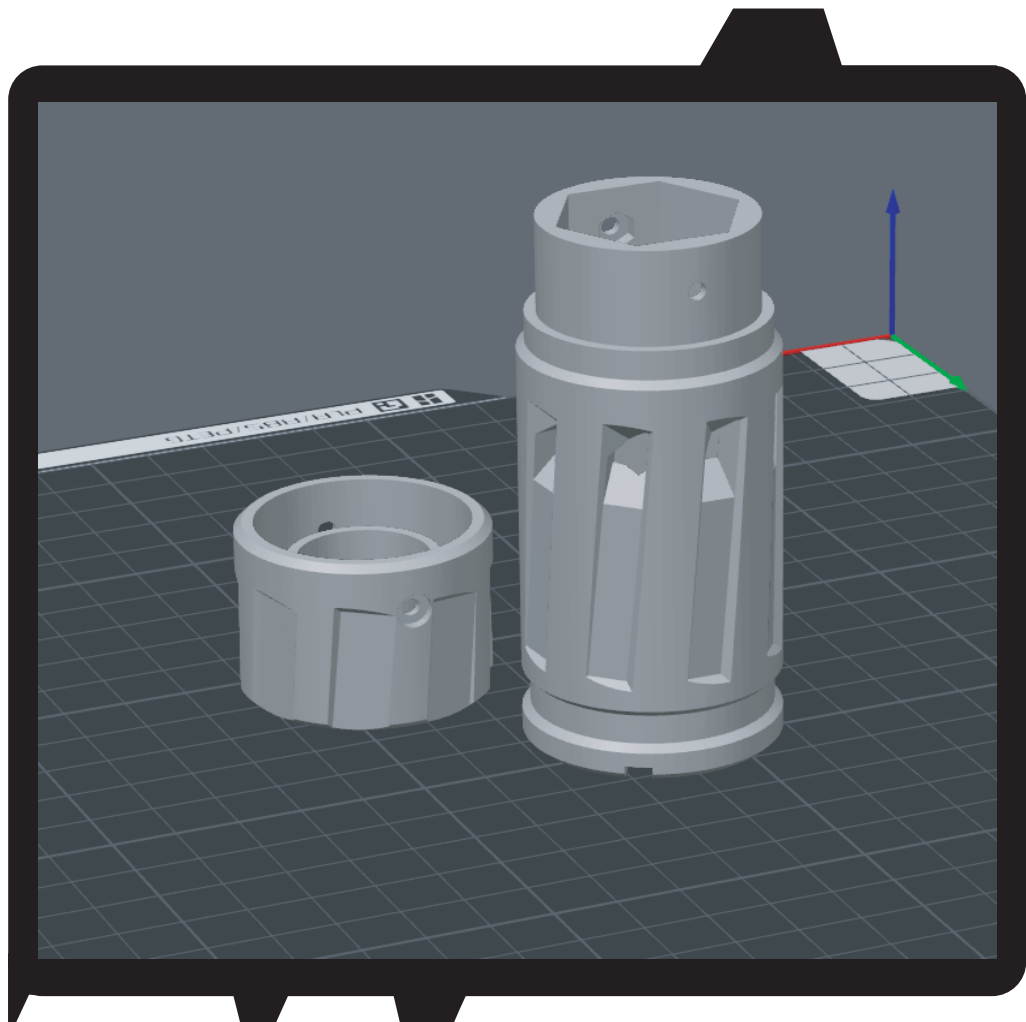
### Komodaru cap (K-cap)

- Layer height: 0.12mm-0.2mm
- Infill: 99%-100%
- Wall count: 4-8
- Supports: on/everywhere

### Komodaru Short/Long body (K-Short/Long)

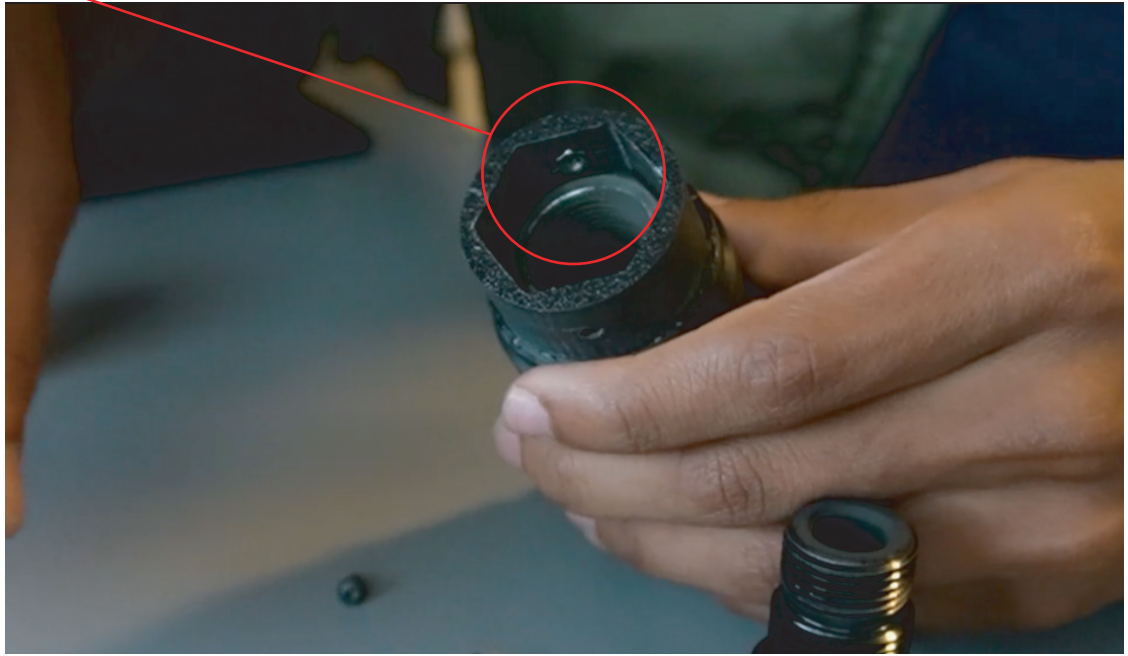
- Layer height: .12mm-.2mm
- Infill: 99%-100%
- Wall count: 4-8
- Supports: on

## Print Orientation:



1) Sand the lower section of the flash can that goes into the K-cap a bit to prevent the printed parts from getting stuck together as a result of the layer lines.

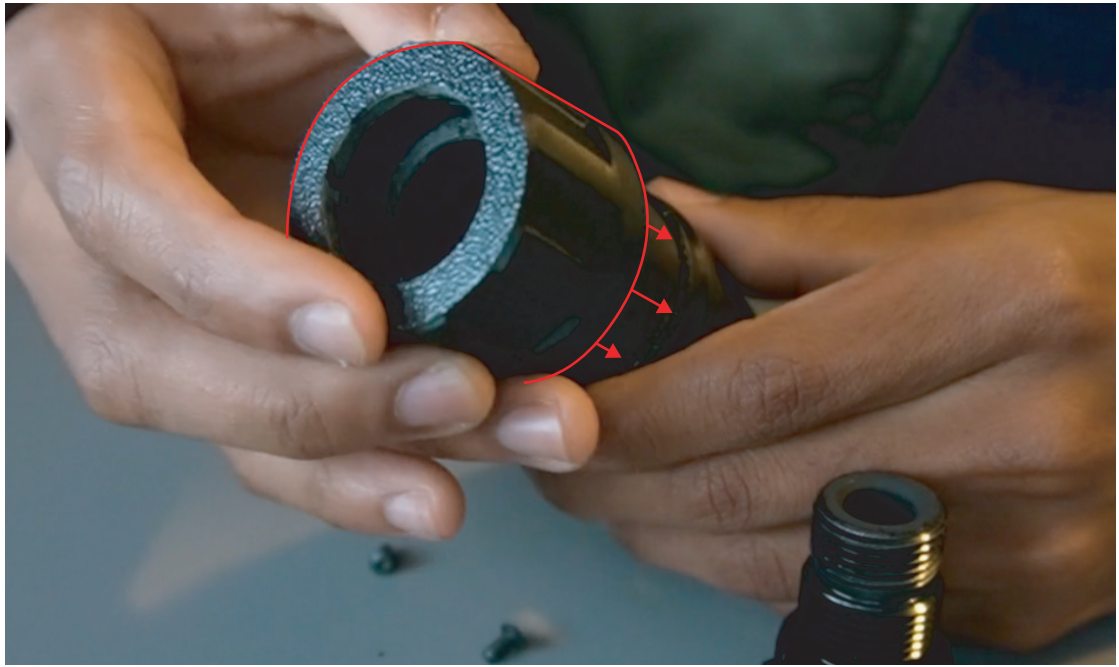
2) Place your m3 nuts in the holes inside the K-short or long body; they may need to be pressed in with a little more force if your printer isn't calibrated.



3) Drop your coupler nut into the K-short or long (the nuts may fall out, so watch out for them if they do).



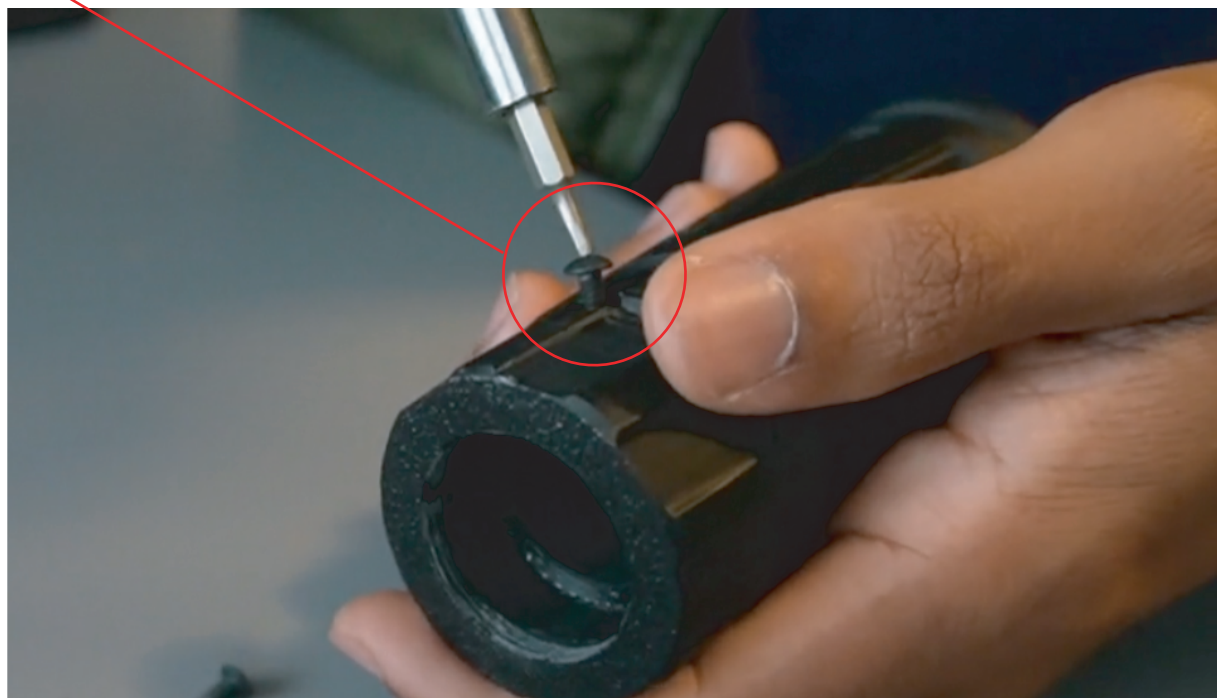
4a) Slide the K-cap onto the K-short or long body



4b) Twist the cap until the holes line up on both sides to their corresponding holes.



5) Put your m3 screws through the holes to thread them into the nuts on the inside of the body.



6) Once the main body is assembled, twist it tightly onto your threaded adapter until you feel it stop.



You now have a fully assembled Komodaru Flash can!

Video walkthrough can be found at this link:  
<https://ody.sh/NRsB27Mvrq>