



## Rivals Launcher



Ibrahym501

[VIEW IN BROWSER](#)

updated 17. 11. 2021 | published 17. 11. 2021

### Summary

A quick and easy to print launcher for NERF Rivals yellow ammo.



0.95 hrs



1 pcs



0.32 mm



0.40 mm



PLA



11 g



Other

[Toys & Games](#) > [Outdoor Toys](#)

Tags: [toy](#) [springloaded](#) [nerf](#) [quickprint](#) [nosupport](#)  
[easytoassemble](#)

I here present a Rivals ammo 57-minute print launcher almost fully 3D printable, just needing a common steel spring sith 6.15 mm of diameter and 30 - 35 mm length fully extended. For it to print in that time, no supports should be added, 0.32 mm layer height should be set (the max for a 0.40 mm nozzle), 60 mm/s speed should be set and 3 to 4 walls should be added to ensure enough force for the print to shoot properly. The axis that creates a joint between the lever and the main body pieces can be a simple piece of cut filament (1.75 mm filament).

# Model files



## launcher.stl

☐ Main Body



## top.stl

☐ Top 6.20 mm cylinder for spring attachment



## stopper.stl

☐ 1.85 mm hole for a piece of 1.75 mm filament to be the axis

# Print files



## rivals-launcher.gcode

🌀 PLA   🌀 0.40 mm   ≡ 0.32 mm   ⌚ 0.95 hrs   ⚖️ 11 g

☐ All 3 parts are included in the gcode

# License ©



This work is licensed under a  
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by-nc-sa/4.0/)

**Attribution—Noncommercial—Share Alike**

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition

