



The Spirabiner - Spiral Carabiner



3D Print It

[VIEW IN BROWSER](#)

updated 2. 6. 2024 | published 2. 6. 2024

Summary

A simple carabiner with a cool spring mechanism

[Sports & Outdoor](#) > [Outdoor Sports](#)

Tags: [spiral](#) [mechanism](#) [spring](#) [springloaded](#) [lock](#) [cool](#)
[keychain](#) [secure](#) [carabiner](#)

I love 3D printed springs, and I wanted to include one in a carabiner for a while.

After few rejected ideas I came up with this (cool?) **inverted spiral mechanism** that acts as the **spring** for a carabiner.

I think it's pretty cool and wanted to share with you!

Also, the opening of the carabiner is designed in a way to **stay firmly in place**: the only way to open it is to push – it won't slide in any other direction than the one its supposed to.

3 sizes for the win: small (61mm), medium (76mm) and large (96mm)

Happy printing!

Model files



spirabiner-s.stl



spirabiner-m.stl



spirabiner-l.stl

License ©



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

Attribution-NonCommercial

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