Printables by JOSEF PRUSA



Split Ring (6 sizes)

TrocheHole

VIEW IN BROWSER

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Summary

A removable ring that is harder to use than carabiners, but sturdy and simple shape.

0.28 hrs	1 pcs	0.15 mm	0.40 mm	ABS	2 g	Prusa MK3/S/S+

Sports & Outdoor > Outdoor Sports

Tags: ring printinplace keychain keyring sturdy simple strong carabiner durable robust tough karabiner

[Information]

A sister model of this “Split Ring” is available on the following page.

“Oval Carabiner (7 sizes)”



2 shapes and 6 sizes each.

A removable ring that is harder to use than carabiners. But I wanted something sturdier with a simple shape, so I designed this.

2 types of data are available for each ring.

[Easy-to-Print] − Larger tolerance. The end of the ring-line **comes off easily**.
[Hard-to-Print] − Smaller tolerance. The end of the ring-line **can be held in place**.

Print Instructions

If the printed ring sticks together and does not open, **try scaling up an Easy-to-Print model** in a slicer app. (e.g. 120% or more)
This will increase the clearance between the inner and outer rings and make it even easier to print.

Brims/Rafts − Doesn't Matter
Supports − No

How to Use

Open −
This split ring does not open horizontally. To open it, shift the end of the outer ring-line vertically.

Close −
There are notches on both ends of the ring-line to hold them in place. Therefore, the inner end needs to be fitted first to close the ring. The outer end should be fitted last.

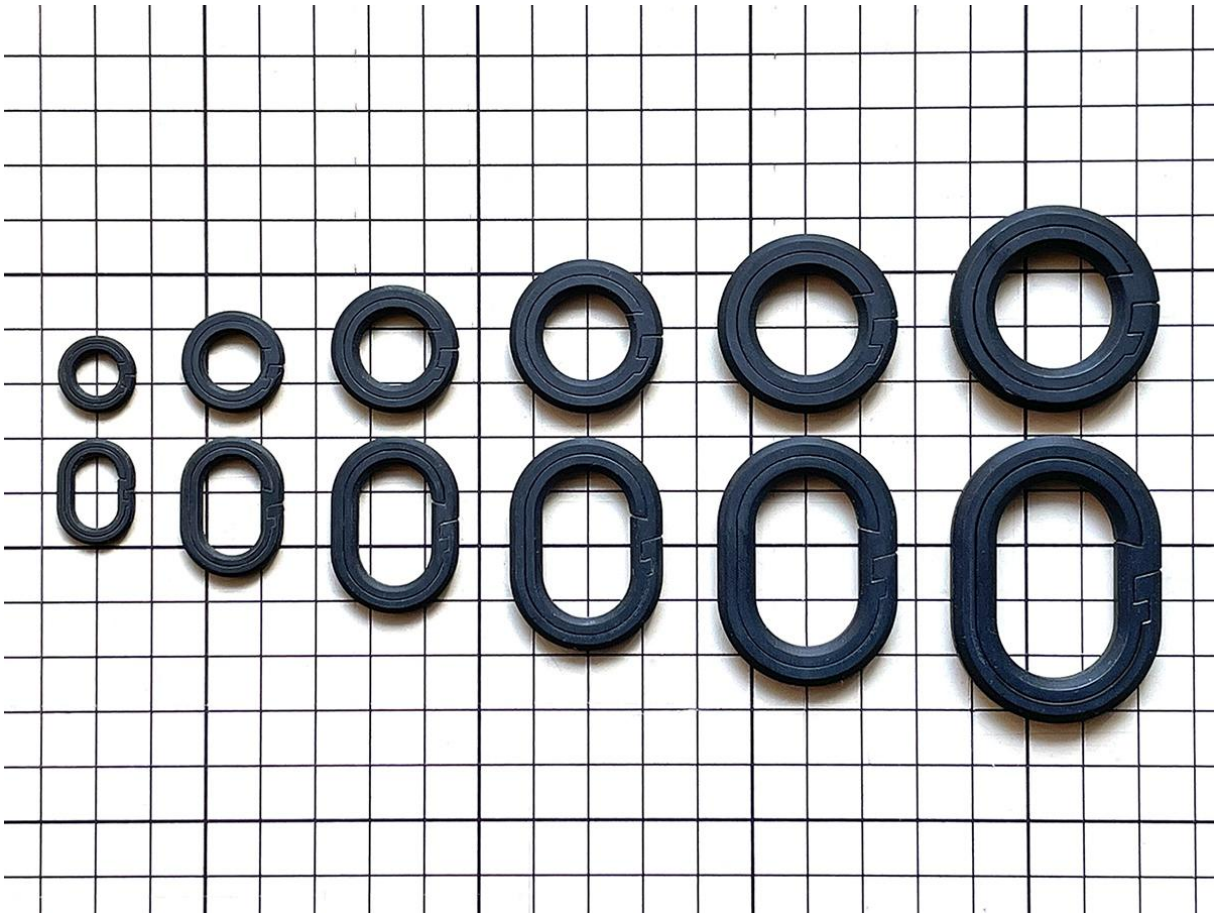


Sizes

Shape No.* − external dimension (and width of the ring-line)

Circle No.3 − DIA14.1 x T2.4 mm (3 mm) − similar in size to a fingernail
Circle No.4 − DIA18.8 x T3.2 mm (4 mm)
Circle No.5 − DIA23.5 x T4.0 mm (5 mm)
Circle No.6 − DIA28.2 x T4.8 mm (6 mm) − similar in size to a plastic bottle cap
Circle No.7 − DIA32.9 x T5.6 mm (7 mm)
Circle No.8 − DIA37.6 x T6.4 mm (8 mm)

Oval No.3 − W19.5 x L14.1 x T2.4 mm (3 mm) − similar in size to a fingernail
Oval No.4 − W26.0 x L18.8 x T3.2 mm (4 mm)
Oval No.5 − W32.5 x L23.5 x T4.0 mm (5 mm) − similar in size to an SD card
Oval No.6 − W39.0 x L28.2 x T4.8 mm (6 mm)
Oval No.7 − W45.5 x L32.9 x T5.6 mm (7 mm)
Oval No.8 − W52.0 x L37.6 x T6.4 mm (8 mm)



Model files

Easy-to-Print 12 files

- **easy-to-print_splitring_circle_no3.stl**
- **easy-to-print_splitring_circle_no4.stl**
- **easy-to-print_splitring_circle_no5.stl**



easy-to-print_splitring_circle_no6.stl



easy-to-print_splitring_circle_no7.stl



easy-to-print_splitring_circle_no8.stl



easy-to-print_splitring_oval_no3.stl



easy-to-print_splitring_oval_no4.stl



easy-to-print_splitring_oval_no5.stl



easy-to-print_splitring_oval_no6.stl



easy-to-print_splitring_oval_no7.stl



easy-to-print_splitring_oval_no8.stl

Hard-to-Print 12 files



hard-to-print_splitring_circle_no3.stl



hard-to-print_splitring_circle_no4.stl



hard-to-print_splitring_circle_no5.stl



hard-to-print_splitring_circle_no6.stl



hard-to-print_splitring_circle_no7.stl



hard-to-print_splitring_circle_no8.stl



hard-to-print_splitring_oval_no3.stl



hard-to-print_splitring_oval_no4.stl



hard-to-print_splitring_oval_no5.stl



hard-to-print_splitring_oval_no6.stl



hard-to-print_splitring_oval_no7.stl



hard-to-print_splitring_oval_no8.stl

Print files

easy-to-print_splitring_circle_no6.gcode

ABS 0.40 mm 0.15 mm 0.28 hrs 2 g Prusa MK3/S/S+

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