



# In-line Cigar Float

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## Summary

An in-line, cigar-shaped float usable in anything from tiny waterholes to harbors and coastal waters.

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The in-line float is perfect for fishing at precise depths. I designed this to be used specifically to catch mackerel in Copenhagen harbor when they visit us doing the summer.

### Setup without middle piece:

- Ideal for fishing in calm ponds and small water holes.
- Not suitable for casting more than a few meters
- 0.5-2 gram weight is recommended - usually the hook and bait alone will be enough.

- The ultra low weight will help to not spook smaller fish when they're exploring your bait.

### **Setup with short middle piece:**

- Ideal for fishing in small rivers and most lakes.
- Suitable for casting
- 2-4 gram weight is recommended - inline sinkers, as shown in the illustration, is preferred but split shots pinched just below the swivel will work as well.

### **Setup with long middle piece:**

- Ideal for fishing in harbors and calm coastal waters.
- Suitable for casting
- 4-6 gram of weight is recommended - inline sinkers, as shown in the illustration, is preferred but split shots pinched just below the swivel will work as well.

TIP: If you use a braided main line and you attempt to change the in-line float when the line is wet, try separating the in-line float and put the pieces on the line, one at a time. Doing this greatly increase your chances of getting a wet and sticky braided line through the in-line float.

### **Printing instructions:**

The design is optimized for FDM printing.

I am using a Prusa MK4 printer and Prusa PETG filament for my own floats. The density of the filament material and the chosen infill will directly impact the buoyancy and the corresponding weight needed. You can try other settings and filaments but it is not advised to use any water-soluble filaments for obvious reasons...

### **I use the following settings:**

- Filament: Prusa PETG
- Nozzle temp: 240°
- Bed temp: 90°
- Nozzle: 0.4 mm
- Layer: 0.20 mm (Quality)
- Infill: 15% Honeycomb
- No support
- No brim

Happy printing and happy fishing :)

... Adding photos of my catch soon**TM**

# Model files



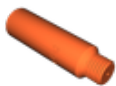
stl

5 files



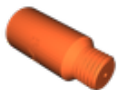
## in-line-cigar-float-top.stl

☐ Universal piece



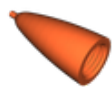
## in-line-cigar-float-mid-long.stl

☐ 4-6 gram



## in-line-cigar-float-mid-short.stl

☐ 2-4 gram



## in-line-cigar-float-bottom.stl

☐ Universal piece



## in-line-cigar-float-ring.stl

☐ Used as both upper- and lower ring in assembly.



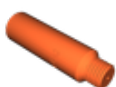
3mf

5 files



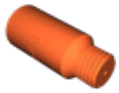
## in-line-cigar-float-top.3mf

☐ Universal piece



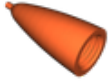
## in-line-cigar-float-mid-long.3mf

☐ 4-6 gram



### in-line-cigar-float-mid-short.3mf

☐ 2-4 gram



### in-line-cigar-float-bottom.3mf

☐ Universal piece



### in-line-cigar-float-ring.3mf

☐ Used as both upper- and lower ring in assembly.

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