



Bottle Cap Opener



[VIEW IN BROWSER](#)

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Summary

Plastic bottle cap opener with multiple size profiles (28.6–29.8 mm).
Ergonomic grip for easy opening.



5.72 hrs



7 pcs



0.20 mm



0.40 mm



PLA



114 g



Prusa MK4S

[Household](#) > [Kitchen](#)

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PRINT PROFILES - I have added new print profiles with different diameters for larger and smaller caps. **I recommend printing the M size** first and then deciding which size is ideal for you.

XXXS - 28,6 mm diameter

XXS - 28,8 mm diameter

XS - 29 mm diameter

S - 29,2 mm diameter

M - 29,4 mm diameter (recommended)

L - 29,6 mm diameter

XL - 29,8 mm diameter

It seems that there is a problem with the **diameters of PET bottle caps** from **different countries**. This problem can be solved by **scaling** the tool **up or down**. For my cap with a diameter of approximately **29.9 mm**, the inner diameter of the tool is **29.4 mm**. I would like to create more print profiles for different types of PET bottles from different countries, but I do not have the opportunity to physically test them. **If you find the right scale for the right diameter, please let me know!**

Struggling to open tight **PET bottle caps**? This handy **Bottle Cap Opener** provides a **better grip and increased leverage**, making it **easier to twist open** even the most stubborn caps.

Ideal for:

- ✓ **Children & elderly**
- ✓ **People with weaker grip strength**
- ✓ **Hard-to-open bottles**

The ergonomic **gear-like design** ensures a firm hold, allowing effortless opening without slipping. A simple yet **highly effective kitchen and household gadget!**

3 outer walls, 25% infill, 5 bottom layers

Model files



STL

7 files



xxxs_bottleopener28_6mmdiameter.stl



xxs_bottleopener28_8mmdiameter.stl



xs_bottleopener29mmdiameter.stl



s_bottleopener29_2mmdiameter.stl



m_bottleopener29_4mmdiameter.stl



l_bottleopener29_6mmdiameter.stl



xl_bottleopener29_8mmdiameter.stl



3MF

7 files



xxxs_bottleopener28_6mmdiameter.3mf



xxs_bottleopener28_8mmdiameter.3mf



xs_bottleopener29mmdiameter.3mf



s_bottleopener29_2mmdiameter.3mf



m_bottleopener29_4mmdiameter.3mf



l_bottleopener29_6mmdiameter.3mf



xl_bottleopener29_8mmdiameter.3mf

Print files



bgcode

7 files



xxxs_bottleopener28_6mmdiameter_04n_02mm_pla_mk4s_4... .bgcode

PLA 0.40 mm 0.20 mm 0.82 hrs 17 g Prusa MK4S



xxs_bottleopener28_8mmdiameter_04n_02mm_pla_mk4s_49m .bgcode

PLA 0.40 mm 0.20 mm 0.82 hrs 17 g Prusa MK4S

	xs_bottleopener29mm diameter_04n_02mm_pla_mk4s_49m.bgcode 🌀 PLA 📏 0.40 mm 📏 0.20 mm ⌚ 0.82 hrs 📊 16 g 🖨 Prusa MK4S
	s_bottleopener29_2mmdiameter_04n_02mm_pla_mk4s_49m.bgcode 🌀 PLA 📏 0.40 mm 📏 0.20 mm ⌚ 0.82 hrs 📊 16 g 🖨 Prusa MK4S
	m_bottleopener29_4mmdiameter_04n_02mm_pla_mk4s_49m.bgcode 🌀 PLA 📏 0.40 mm 📏 0.20 mm ⌚ 0.81 hrs 📊 16 g 🖨 Prusa MK4S
	l_bottleopener29_6mmdiameter_04n_02mm_pla_mk4s_49m.bgcode 🌀 PLA 📏 0.40 mm 📏 0.20 mm ⌚ 0.82 hrs 📊 16 g 🖨 Prusa MK4S
	xl_bottleopener29_8mmdiameter_04n_02mm_pla_mk4s_49m.bgcode 🌀 PLA 📏 0.40 mm 📏 0.20 mm ⌚ 0.81 hrs 📊 16 g 🖨 Prusa MK4S

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