



## Rain barrel tap adapter for 26mm OD threaded taps

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### Summary

A rain barrel tap adapter which can be screwed on only from the outside making it possible to use with sealed barrel

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[plasticbarrel](#)

The purpose of this adapter is for use with common sealed barrels/drums. It can be screwed on from the outside by holding the inner piece in place through the hole without the need of creating a larger opening at the top.

I'm using it together with a 208l plastic drum which only has small screw cap openings. This adapter will fit through a opening <50mm.

To use the adapter drill a 30mm hole in the barrel. Insert the inner part from the inside with the help of a string or something similar. I used a garden hose which was rigid enough to easily guide to the drilled hole. From the outside it is then possible to hold the inner part in place while screwing on a cap which fixes everything in place.

The outer cap has a 26mm thread to fit together with common water barrel taps found at the hardware store.

A gasket with a ID of 30 mm is needed to seal the barrel and the adapter.  
Also use the gasket the comes with the store bought tap.

### **Printing recommendation:**

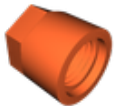
Use a extrusion multiplier slightly larger than 1 to achieve a water tight print. I used 1.05

No supports needed.

## **Model files**



**barrel\_tap\_adaper\_part1\_mk3.stl**



**barrel\_tap\_adaper\_part2\_mk3.stl**

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