



K1 Filament Sensor PTFE M10 Mount



pellcorp

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Summary

Remix of existing model, as I had real trouble printing this, so I modelled again in freecad with a bit more clearance.

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I grew tired of trying to feed filament, it always got stuck outgoing the filament sensor, I found an existing model which did work, but was very difficult to print. I ended up remodelling it from scratch in freecad (model included in files) with 0.25mm clearance for easier fitting.

Best printed with default orientation (screw threads facing up for V3), at 0.2 later height

V3 - I discovered the freecad transformation tool, so the V3 stl is ready to print

V2 - minor tweak to screw locations by 0.47mm as they were not quite right, especially when I changed over to <https://www.printables.com/model/535464-creality-k1-filament-sensor-mod>

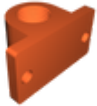
This remix is based on



Creality K1 PTFE mount replacement

by FotoFieber

Model files



filament-sensor-m10-coupler-mount-v3.stl



filament-sensor-m10-coupler-mount.fcstd

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