



**Cleaning with cold  
pull->220degrees-  
>235degrees-  
>250degrees-  
>260degrees-  
>100degrees-->  
PULL**



Surfalex2000

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## Summary

READ Description, IMPORTANT. Wanted to test an Automatic cold pull G-code



0.10 hrs



2 pcs



0.20 mm



0.40 mm



PLA



6 g



Prusa  
MK3/S/S+

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Tags: [extruder](#) [cleaning](#) [pull](#) [clean](#) [automatic](#) [cold](#)

IMPORTANT: You need to add this to Line 20 of the G-code:

M302 S85

This allows the Printer to do the Cold Pull. Be aware, that this is normally deactivated due to Security, since a Cold pull is pretty hard on the Printer, and should only be done by experts.

This code is optimized for PLA and based on the Cold Pull Article from Prusa help:

[https://help.prusa3d.com/en/article/cold-pull-mk3s-mk2-5s\\_2075](https://help.prusa3d.com/en/article/cold-pull-mk3s-mk2-5s_2075)

The G-code will do this.

Set Extruder to 220 degrees  
Wait for extruder to reach Temperature  
Extrude 5mm at ~15mm/sec

Set Extruder to 235 degrees  
Wait for extruder to reach Temperature  
Extrude 5mm at ~15mm/sec

Set Extruder to 250 degrees  
Wait for extruder to reach Temperature  
Extrude 5mm at ~15mm/sec

Set Extruder to 260 degrees  
Wait for extruder to reach Temperature  
Extrude 5mm at ~15mm/sec

Retract 10mm at ~15mm/sec

Set Extruder to 85 degrees  
Wait for extruder to reach Temperature  
Retract 65mm

## Print files

### cleaning-with-cold-pull\_220-235-250-260-85.gcode

🌀 PLA 🌀 0.40 mm 🌀 0.20 mm 🕒 0.05 hrs 📊 5 g 🏠 Prusa MK3/S/S+

### only-cold-pull-at-85-degrees.gcode

🌀 PLA 🌀 0.40 mm 🌀 0.20 mm 🕒 0.05 hrs 📊 1 g 🏠 Prusa MK3/S/S+

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