

2in1 Hotend

based on:

- <https://klipper.discourse.group/t/x-in-1-out-non-mixing-extruder-config/2387>
- <https://klipper.discourse.group/t/x-in-1-out-non-mixing-extruder-automate-superslicer-prusaslicer-filament-swaps/5285>

Extruder einrichten

- Es sind 2 Extruder konfiguriert [extruder] und [extruder_stepper extruder1]
- Der 2te Extruder hat das Setting extruder: siehe dazu https://www.klipper3d.org/Config_Reference.html#extruder_stepper
- Beispiel (ohne TMC Part)

```
[extruder]                                # Extruder 1 (Links)
step_pin                                  : PE0
dir_pin                                   : PC13
enable_pin                                : !PC14
microsteps                                 : 16
full_steps_per_rotation                    : 200          # Steps per rotation (200 for
1.8° motors, 400 for 0.9° motors)
rotation_distance                          : 7.912        # Pulley circumference in mm
7.5:1-comment out this line; BMG is 50:17, output shaft first, input
shaft second)
nozzle_diameter                            : 0.400        # Nozzle diameter
filament_diameter                          : 1.750        # Filament diameter
heater_pin                                  : PD14          # Heater control pin
for the extruder (e0)
sensor_type                                : ATC Semitec 104GT-2 # Sensor model
sensor_pin                                  : PC2          # Extruder sensor
pin (T_E0)
max_power                                  : 1.0           # Maximum heater
power (PWM)
min_temp                                   : -100          # Minimum extruder
temperature
max_temp                                   : 350           # Maximum extruder
temperature
min_extrude_temp                           : 150          # Minimum extrusion
temperature (extrusion will only happen if this temperature is reached)

[extruder_stepper extruder1]              # Extruder 2 (Rechts)
extruder:
### The extruder this stepper is synchronized to. If this is set to an
### empty string then the stepper will not be synchronized to an
### extruder. The default is "extruder".
step_pin                                  : PE7
dir_pin                                    : PE11
```

```
enable_pin          : !PE10
rotation_distance   : 8.022
full_steps_per_rotation : 200
microsteps          : 16
```

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<https://www.drklipper.de/> - **Dr. Klipper Wiki**

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