

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
```

- Damit haben wir einen Extruder der einem Hotend zugewiesen ist und einen Extruder ohne Hotend Bezug.

From:

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

Permanent link:

https://drklipper.de/doku.php?id=klipper_faq:2in1_hotend

Last update: **2025/03/04 14:51**

