



Parametric car/ motorcycle license plate keychain (Nummernschild/ Kennzeichen)



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Summary

A parametric car/motorcycle license plate key chain designed to be printed on single filament printers with color change



0.20 hrs



2 pcs



0.10 mm



0.40 mm



PLA



1 g



Elegoo
Neptune 4
Pro

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A parametric car/motorcycle license plate key chain designed to be printed on single filament printers with color change. Add a filament change in your slicer and swap the filament mid print in order to achieve a two color print.

Features

- Parametric - add your desired text
- No supports needed
- Multi color print for single filament printers
- Find the right car/motorcycle key every time

Adding your text to the plate

- Option 1: Use the provided blender source files
 1. Open one of the files (car.blend or motorcycle.blend)
 2. Select the text you want to change
 3. Press "TAB" in order to enter edit mode
 4. Edit text
 5. Press "TAB" again to leave edit mode
 6. Export: "File > Export > Stl"
- Option 2: Add the text in your slicer
 1. Install the license plate font from the other files (license_plate_font.zip)
 2. Import one of the STLs (car_no_text.stl or motorcycle_no_text.stl)
 3. Add text as you want in your slicer

Recommended print settings

- Layer Height: 0.1mm
- Initial Layer Height: 0.24mm
- Print Thin Walls: Enabled
- No supports needed
- For multi color: Change filament just before layer 15

Assembly

- Add some sort of attachment (I recommend [this chain](#) (affiliate link) as seen in the image) to one spool cap

You like my work? Consider to [buy me a coffee](#) :D

You want to sell this model? Become a Commercial License Level [Club Member](#) to get access!

This remix is based on



Individual Keytag with Vehicle License Plate (Nummernschild, Kennzeichen)

by Tritschi

Model files



Source Files

2 files

car.blend

☐ Car license plate key chain blender source

motorcycle.blend

☐ Motorcycle license plate key chain blender source



Empty License Plate Key Chains

2 files



car_no_text.stl

☐ Empty car license plate key chain



motorcycle_no_text.stl

☐ Empty motorcycle license plate key chain



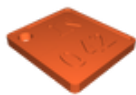
Example License Plate Key Chains

2 files



car_example.stl

☐ Example car plate (MAK ER 42)



motorcycle_example.stl

Example motorcycle plate (IN O 42)

Print files



Example Gcode Files

2 files



en4pro_car_example.gcode

PLA 0.40 mm 0.10 mm 0.20 hrs 1 g

Example car plate with filament change macro (MAK ER 42)



en4pro_motorcycle_example.gcode

PLA 0.40 mm 0.10 mm 0.12 hrs 1 g

Example motorcycle plate with filament change macro (IN O 42)

Other files

license_plate_font.zip

The license plate font

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