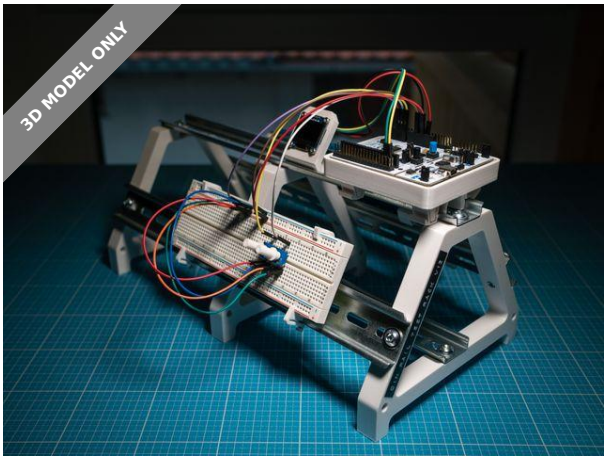

DIN rail test rack

s sw81

VIEW IN BROWSER

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Summary

This DIN rail lab bench stand is a great addition for any electronics workbench.

Hobby & Makers > Electronics

Tags: din dinrail diyelectronics electronics lab laboratory stand electronicsworkbench workbench prusamini compatible prototyping workbenchtool

This DIN rail lab bench stand is a great addition for any electronics workbench. It keeps your prototyping stuff together in one place and makes your projects kind of portable.

You can find all kinds of adapters and clips for DIN rails here. Just search for “DIN rail” or just “DIN”.

Dimensions

125 mm high and 166 mm deep, sides angled 60°. Overall width depends on the length of your DIN rails. (Each support is 16 mm wide)

Needed parts

- at least 2x this printed part (recommended one every 15..20 cm)
- 4x DIN rail 35 mm x 7.5 mm x desired length (recommended about 30 cm)
- 4x M6 hex nuts (DIN 934) per printed part
- 4x Screws M6 x 12 mm (recommended ISO 7380-2) per printed part
- (optional 2x M8 threaded rod and washers)

Printing

For best results

- print in PETG
- use a 0.4 mm (or finer) nozzle
- print @0.2 mm (or finer) layer height
- print four outer shells and at least 20% infill for more ruggedness
- no supports needed

Assembly

1. Put the hex nuts into the slots
2. Assemble the DIN rails with the screws to the printed parts

Files

Attached you will find the part in different file formats (3MF, STL, STEP)

Model files

din-rail-test-rack-v14.stl

din-rail-test-rack-v14.3mf

din-rail-test-rack-v14.step

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