

Guide Rail Parallel Stop for Festool

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VIEW IN BROWSER

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Summary

This jig replaces Festool's FS-PA (Parallelanschlag), which is quite expensive and large (I have a small workshop).

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This jig replaces Festool's FS-PA (Parallelanschlag), which is quite expensive and large (I have a small workshop). It is the simplest solution I could come up with that offers highly precise repeatability for multiple same width cuts. It allows same-width cuts at any width, limited only by the length of the rods that are used (Festool's jig is limited to 650mm).

The parallel stops are attachments for the guide rail and can be attached on both sides. They are optimised for small cuts, i.e., for the front side of the rails, because I found myself in more need to do this precisely.

The jig does not attempt to incorporate any way of measuring. Calipers and measuring tape should be available anyway. The main goal of this jig is exact repeatability. The jig does offer very good precision of front side cuts measured with calipers, however.

An introduction to using this can be found in my blog: <http://www.theiling.de/cnc/date/2019-04-14.html>

The STL files come in two variants: those in '-2.stl' are rendered using OpenSCAD. They are precise and small, but take long to generate. Those without '-2' in their name are rendered and pre-sliced for 0.2mm layer height using Hob3I. The process of creating these takes only seconds, but the files are specialised for a given layer height and are typically larger.

Hob3I can be found on Github: <https://github.com/moehriegitt/hob3I>

Print instructions Category: DIY Print Settings

Printer Brand: Prusa

Printer: i3 MK3

Rafts: Doesn't Matter

Supports: No

Resolution: 0.2mm

Infill: 25%

Post-Printing

A little sanding or filing may be necessary to get this exactly precise.

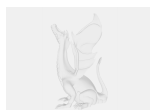
Model files



fsanschlagstop-2.stl



fsanschlagsliderknob-2.stl



fsanschlagslider.scad



fsanschlagmount-2.stl



fsanschlagstop.stl



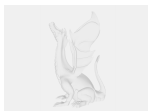
fsanschlagslider-2.stl



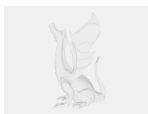
fsanschlagmount.scad



fsanschlagslider.stl



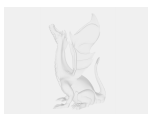
fsanschlagclip.scad



fsanschlagstop.scad



fsanschlagmount.stl



fsanschlagsliderknob.scad



fsanschlagclip-2.stl



fsanschlagclip.stl



fsanschlagsliderknob.stl

[Find source .stl files on Thingiverse.com](#)

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