



Poseable Robot Hand (Left Hand) (PLA)



Make-A-Print

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Summary

Here you can find the first version of my fully printable robot hand.

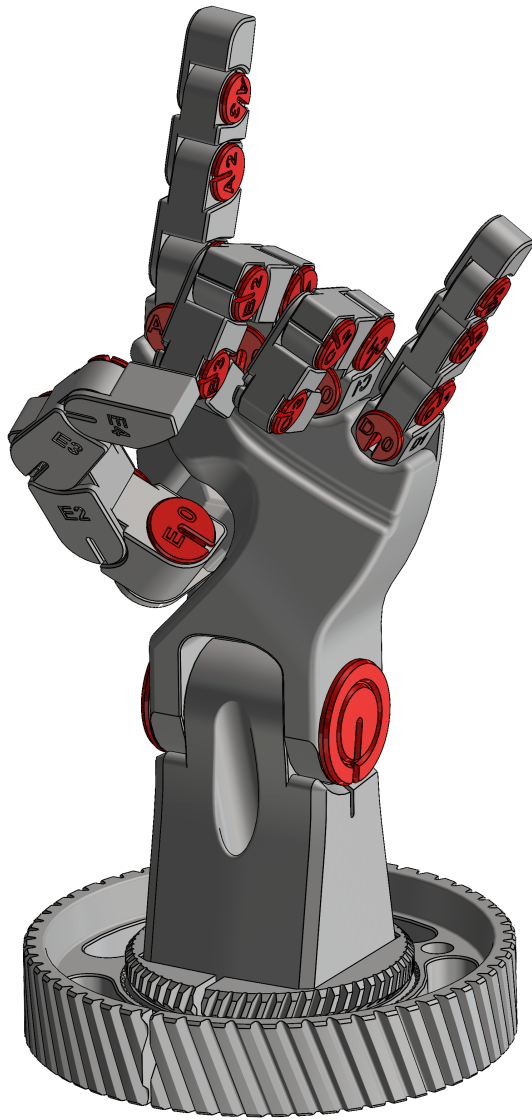
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[robohand](#)

*****Update: 15.07.2024 - Add STL data*****

Hello print enthusiasts,

here you can find the first version of my robot hand.



The hand is assembled from several parts:

When assembled, the hand can still move freely.

The hand holds its position reliably, thanks to a locking mechanism in the joints.

Please also take a look at the assembly instructions to put it together correctly.

The alignment of the parts is important. That's why I have numbered the fingers.

It is also important that the support contours are removed cleanly.

I am uploading the STEP files and would be very happy to see remixes of this construction.

I hope you enjoy printing and assembling this model.

Print settings:

I printed it with Bambu Lab A1

Layer height: 0,2 mm

Infill density 20 % (Grid)

Wall loops: 3

Printing speed: First Layer = 30 mm/s - Other Layers 80 - 100 mm/s

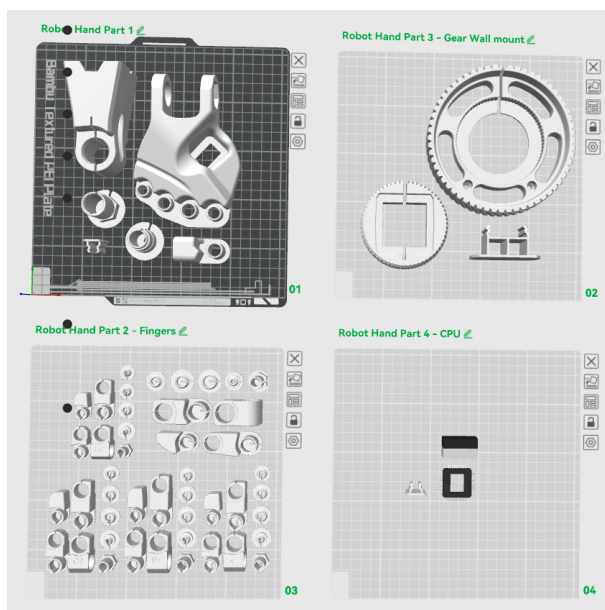
Manuel support (everything that angled over 80°)

Material: Esun PLA +

Best regards

Alexander

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Model files



STEP-Files

8 files

robot-hand-part-1.step

robot-hand-finger-a.step

robot-hand-finger-b.step

robot-hand-finger-c.step

robot-hand-finger-d.step

robot-hand-thump-e.step

robot-hand-part-3_wall-mount.step

robot-hand-part-4_cpu.step

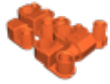


STL-Files

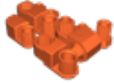
8 files



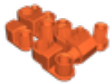
robot-hand-part-1.stl



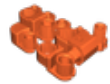
robot-hand-part-2_finger-a.stl



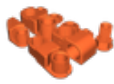
robot-hand-part-2_finger-b.stl



robot-hand-part-2_finger-c.stl



robot-hand-part-2_finger-d.stl



robot-hand-part-2_thump-e.stl



robot-hand-part-3_wall-mount.stl



robot-hand-part-4_cpu.stl

Other files

assembly-instruction-robot-hand.pdf

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