

Bosch Rexroth 3030 cutting/ drilling templates



Jeb Lee Tark

[VIEW IN BROWSER](#)

updated 22. 4. 2023 | published 22. 4. 2023

Summary

BOSCH REXROTH 3030 compatible design for corner routing and drilling



2.60 hrs



2 pcs



0.20 mm
0.30 mm



0.40 mm



PLA



45 g



Prusa
MK3/S/S+

[Hobby & Makers](#) > [Mechanical Parts](#)

Tags: [extrusion](#) [bosch](#) [3030extrusion](#) [rexroth](#)
[aluminium3030](#)

The corner routing template can be used to route a corner of a shelf precisely, there there is an extrusion profile is placed. You can use a router bit with a bearing to trace the shape of the template to the shelf.

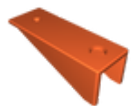
The drilling guide is used to precisely drill a hole into a 3030 extrusion and cut a thread into another to join them together with an M8 screw. It uses an M6 internal diameter bearing to reduce the wear from the drill-bit on the template body.

PLA and PETG filament is probably the best material to use for printing. Use 3 perimeters and also 3 top and bottom layers with 20% infill.

Other designs for BOSCH REXROTH 3030 extrusions:

- Right-angle connector
- Cap / foot
- Side bracket
- Extrusion connector

Model files



extrusiontemplate-drilling.3mf



extrusiontemplate-routing.3mf

Print files



extrusiontemplate-routing-pla.gcode

PLA 0.40 mm 0.20 mm 1.48 hrs 23 g Prusa MK3/S/S+



extrusiontemplate-drilling-pla.gcode

PLA 0.40 mm 0.30 mm 1.12 hrs 22 g Prusa MK3/S/S+

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-ShareAlike

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition