



OG Rook 2020 4:1 Belted Z V4



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Summary

Rook 2020 MK1/ MK2 now has a stock 4:1 belted Z Note this design uses the "original" -non Mk1 feet.

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Rook 2020 Z motor mount for 4:1 gear ratio.

UPDATE: 6/1/23

V4 Fixes

- Easier belt installation
- Removed motor mount screw

Needs Rook BOM rubber feet or - Rook Feet options - Below -

Belt Clip For easy tension - Zip tie around for security.

Modified upper Z bearing stack. - Use as final tensioning. (Has clearance for MGN9C and 2020 gantry.) Can be oriented both ways.

Heat Insert Version H

Uses

- x1 80T 5B Pulley
- x2 20T 5B Pulley
- x1 5 x60mm Rod
- x3 695zz Bearings - Modified Bearing Stack Suggestion - oldcrazyeye
- x1 200mm 2GT Belt
- x1 1M 2GT Belt
- x7 M3 x 14mm
- x7 M5 Washers
- x1 M5 x 6mm
- x1 M5 x 8mm - Motor Mount
- x1 M5 x 14mm
- x5 M5 T-Slot Nut - 3 For Z Idler

This remix is based on



Rook 2020 MK1

by Rolohaun Design

Model files



4-1 Belted Z Orientated

4 files



zmotormountv4.stl



zmotormountv4h.stl



bearingcoverv4.stl



beltensionerv4.stl



beltclipv2.stl



rookfoot.stl



rolohaunfoot12mm.stl



paw.stl

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