

MIDDLETON MADE 3D

Kinder Egg P80 Drilling Jig - README



You are responsible for your own safety and checking laws governing your area prior to manufacturing.

Links:

- Defcad:
<https://defcad.com/users/MiddletonMade3D/>
- Odyssey:
<https://odysee.com/@MiddletonMade:1>
- Paypal:
<https://www.paypal.com/paypalme/middletonmade3d>
- Buy Me a Coffee:
<https://www.buymeacoffee.com/MiddletonMade>
- IG:
https://www.instagram.com/middleton_made/
- FB:
<https://www.facebook.com/MiddletonMade>
- YT:
<https://www.youtube.com/c/middletonmade>

Credit

This design was originally created by **Mr. Snow Makes**. You can find his files and instructions at the links below. If you downloaded this file, please also download his and say hi. This readme will only have instructions on printing this jig and guide in particular.

https://odysee.com/@Mr_Snow_Files:7/P80_G19_Jig-Guide:5

<https://defcad.com/library/1bc71129-9882-4135-999d-68e5b54a13e2/>

Printing

For print orientation, please see the separate file named “*SuggestedPrintOrientation*”

Filament Type - PLA+

For any parts that receive stress, do **not** use metallic, silk, glow in the dark, fluorescent, or any other special type of filament. Stick with regular, single color PLA+.

I've also had an excess of worn/broken parts with GST PLA+. While I don't have a wide range of experience with a variety of brands for testing, eSun has been reliably strong and consistent for me.

Printing Instructions

You'll need to ensure your printer is calibrated in order to use this part successfully. If your printer is not very accurate, it may not fit your P80 frame or worse, you could drill a hole in the wrong location.

Print all parts with a brim, no supports, and with 8+ walls, 6+top/bottom, and 60%+ gyroid infill.

Assembly

To start, you'll need:

Printed Parts:

- Jig Left
- Jig Right
- Drill Guide

Pre-manufactured Parts:

- x5 M4x40mm screws
- x5 M4 nuts
- M3 and M4 drill bits

Tools

- Razor Blade

Step-by-Step

1. This is an easy one. Once the files are printed, clean them up with a razor blade to make sure there are no sharp edges on the chamfers #chamfersquad
2. Clamp the jig around your frame and use the screws and nuts to secure the drill guide and jig together
3. Once clamped, take care to drill the holes through the ONE side of the frame its attached to while not destroying or chewing up the guide
 - a. If the guide gets chewed up, be patient and print another one
4. Attach the guide to the other side of the jig and drill the holes
5. Damn son, that's a P80 frame with six new holes in it
6. Follow the regular instructions on finishing the frame
7. Congrats, you just used a Kinder Egg to make a handgun