How to use Square Shot Glass Jig

Basics

- This jig is designed for 3mm MDF (or something similar) different material thicknesses may affect the angle of the shot glasses a bit, but if the thickness is close it should still work fine.
- **Don’t knock the Snapmarks out of alignment or change their size.**
- **Blue lines** should be scored
- **Black lines** should be cut

Cutting out the jig

- Top.svg - Cut this on your GF, note the blue snapmarks and text should be scored not cut.
- Middle.svg - Cut this on your GF, note the blue alignment marks should be scored not cut.
- Bottom.svg - Cut this on your GF, note the blue alignment marks should be scored not cut.

Assemble the jig

Tap or glue the sides onto the top/middle/bottom surfaces, note there is a guideline scored into the 'sides'. Use this to help align the middle layer. It's important that the top and bottom pieces are flush with the side top and bottoms.

Make sure you have the layers oriented correctly since each is sized slightly differently to hold the shot glass in the correct alignment

Setup your engrave artwork

- Load Engrave.svg into Inkscape or your favorite svg editor. This file has a logo centered in the correct locations.
- Replace the existing artwork with your own.
- Use the guidelines to help center and align your artwork.
- Replicate the design into all 6 locations.

Using the jig to engrave

Be sure to remove the crumb tray from the GF, then center the assembled jig on the bed.

Drop the square shot glasses into the jig, the side of the glass should be close to flush with the top of the jig and parallel. If it's a little bit high, low or at a slight angle, it will work fine.

Send your modified engrave.svg to the GF I use the cutout/snapmarks/text as a reference to visually judge if the snapmarks worked, but I set the GF to ignore all the artwork except the engrave.

Be sure to set the material height to 0.385" (which is the height of the top of the jig surface above the crumb tray). Then click the 'snapmark' magnet to let it align.

Once aligned, engrave away. I found speed 900, power 100, 225 LPI worked great for me. Also a bit of dish soap rubbed on the surface of the glass seems to prevent chipped edges on the engrave.

Hopefully this works for you!

-Jeff