**Chamber V3.0 measurements and thoughts**

* Slide socket XYZ dimensions are nearly perfect (25.6, 75.5, 1.2)mm
* Slide well depth (Z) = about 1.2mm
* Mounting screw sockets = 6.3mm – 6.35mm
* Hex leveling nut point to point (circle dia) = 6.5mm, real = 7.6mm
* Hex leveling nut inset depth = 3.6mm. This should be sufficent
* Leveling screw socket dia = 4.6mm, real = 3.85-3.90mm
* Wall thickness = 10mm
* Wall height = 10.09mm
* Socket depth = 10mm
* Outer chamber port dia = 3.6mm, needs to be 4.5mm
* Socket width and gap between inner chamber and walls appears large enough for fingers which should lead to easy oring install and inner chamber removal
* **Needs to fillet top and bottom track edges for both orings!!!**
* fillet outer mounting corners too
* might be good idea to slightly lower slide socket port cutouts by 1 layer (0.2mm).