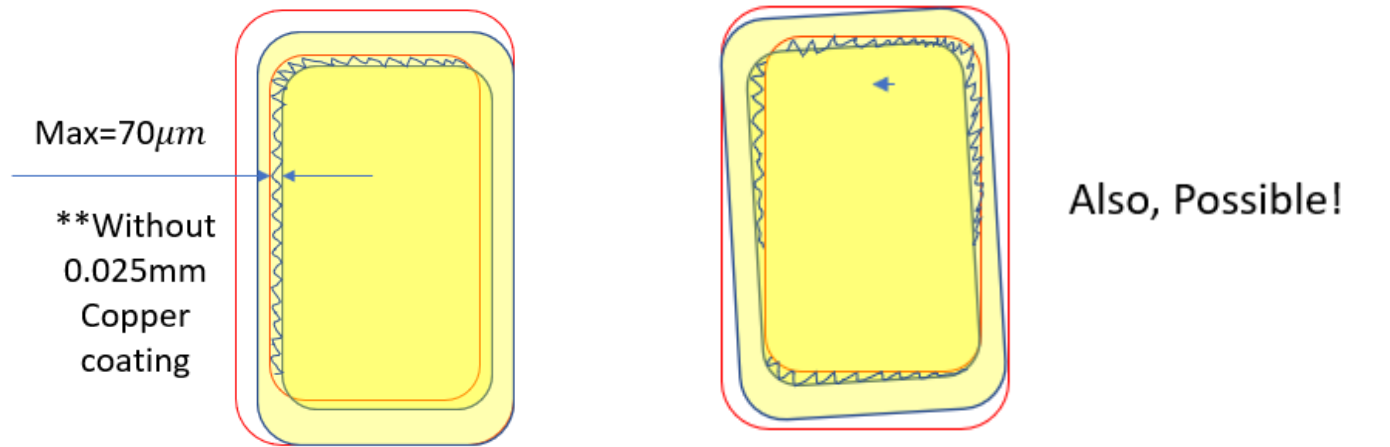
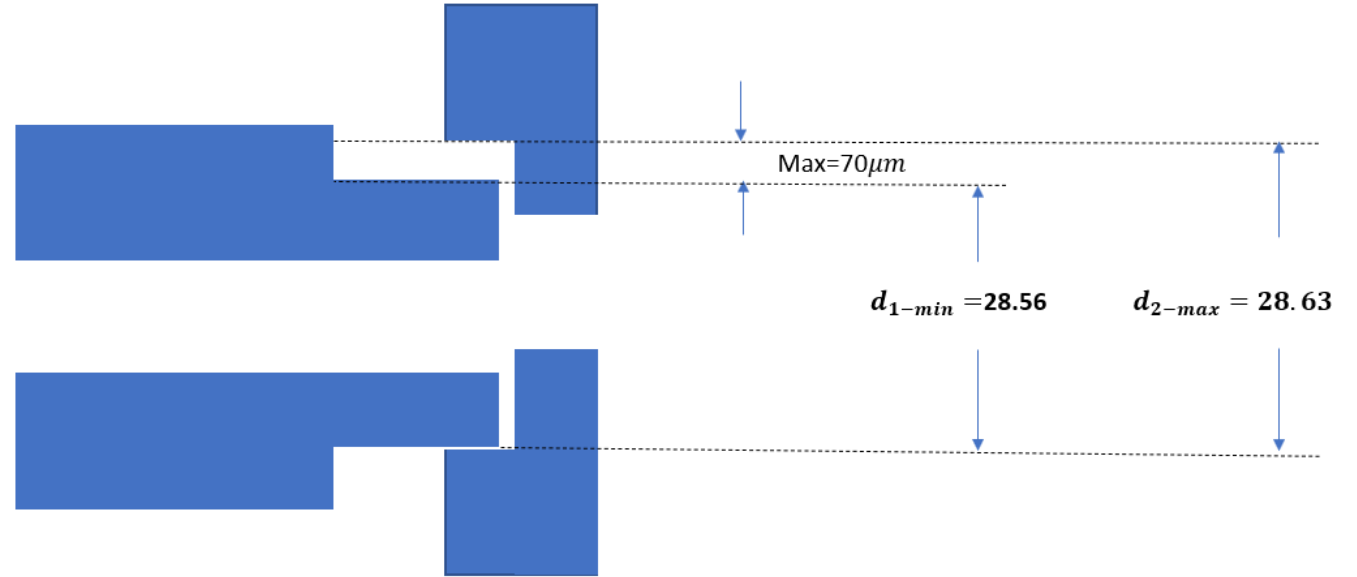
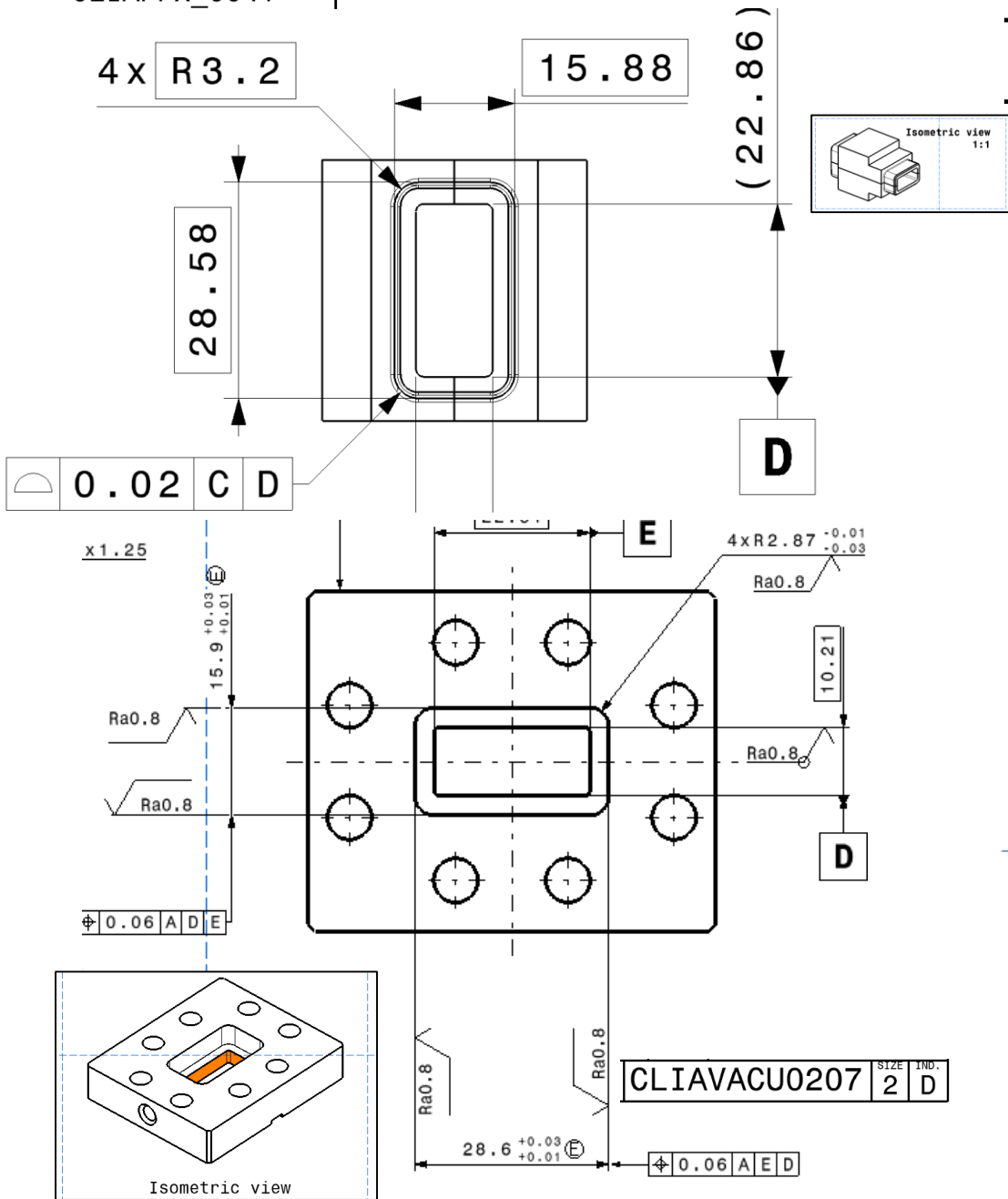


# Double Height Taper Misalignment – Mating Profile







# Double Height Taper Misalignment – Combined Tolerance Errors

Max misalignment between taper and taper groove

= Max=70 $\mu$ m

Max step height created between double height flange and taper internal surface due to profile internal profile discontinuity.

- Improved with added copper coating

= Max=120 $\mu$ m

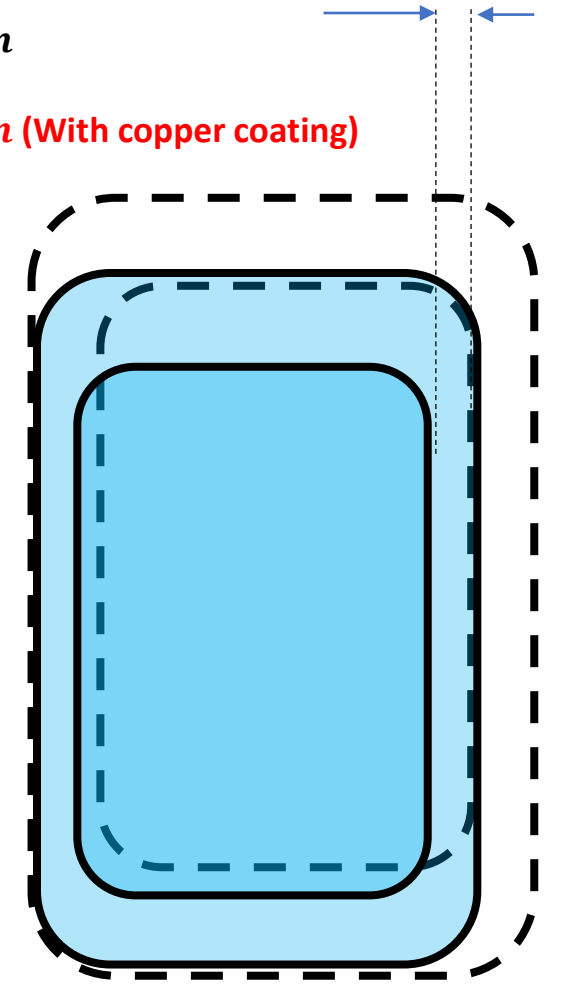
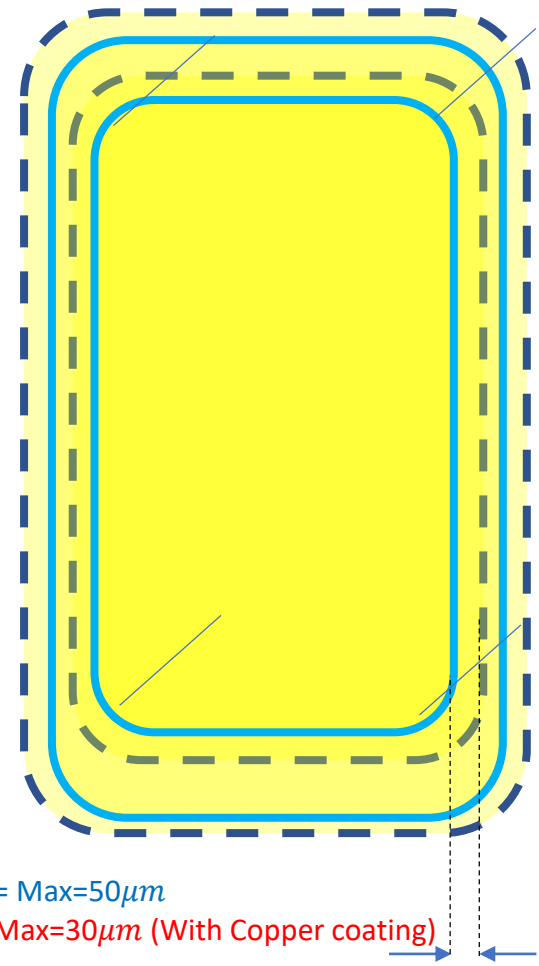
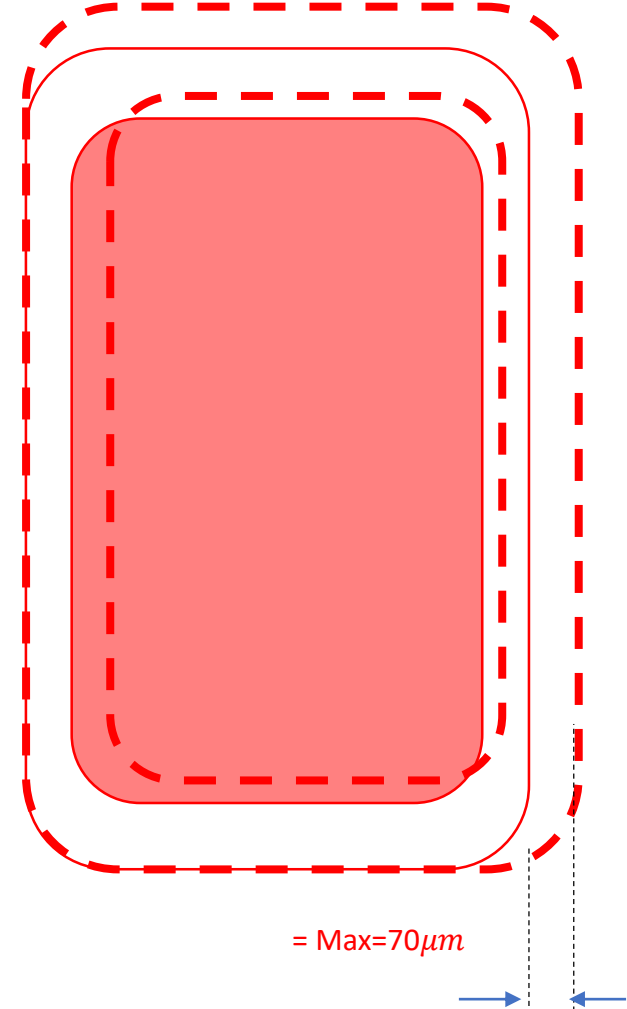
= Max=100 $\mu$ m (With copper coating)



= Max=70 $\mu$ m

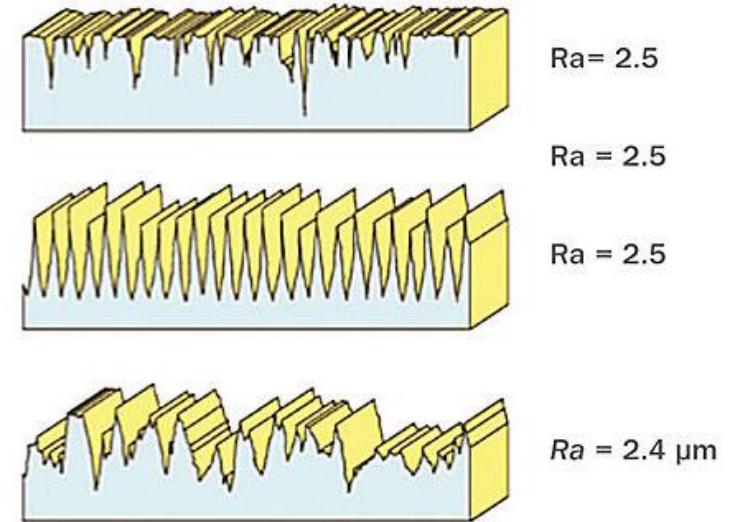
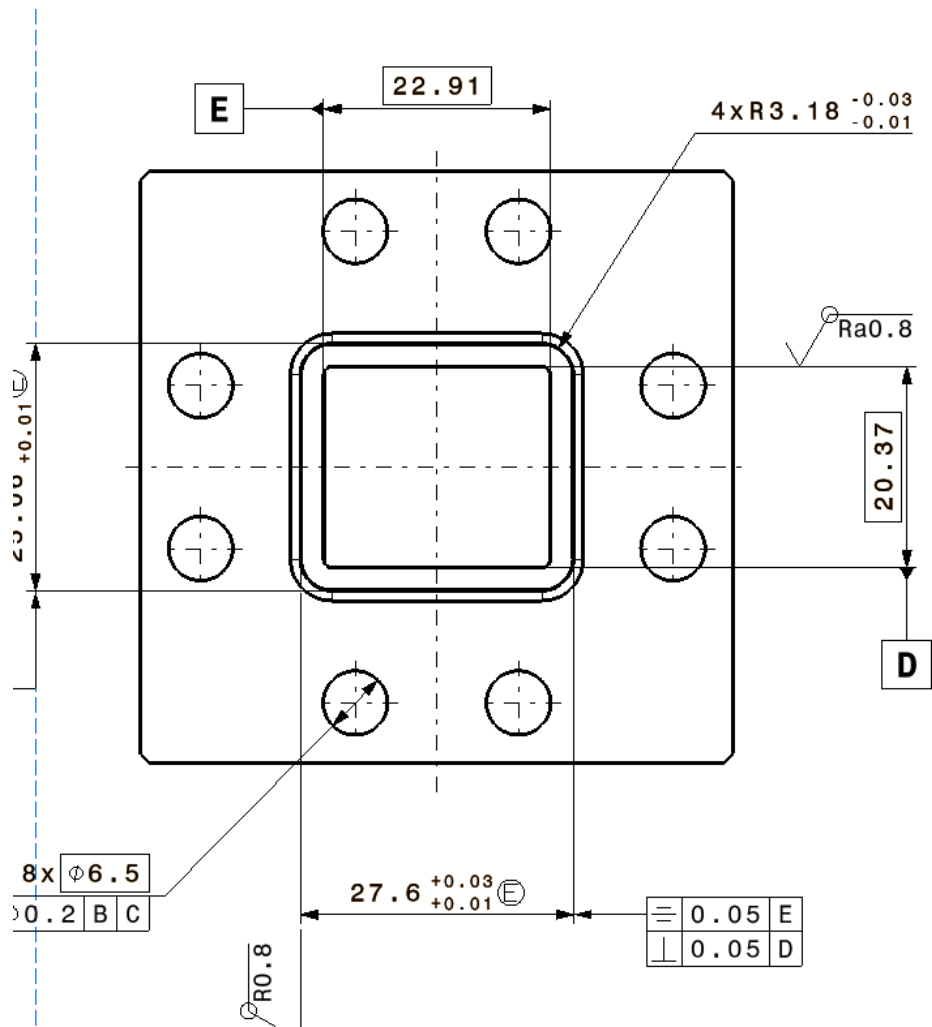
= Max=50 $\mu$ m

Max=30 $\mu$ m (With Copper coating)

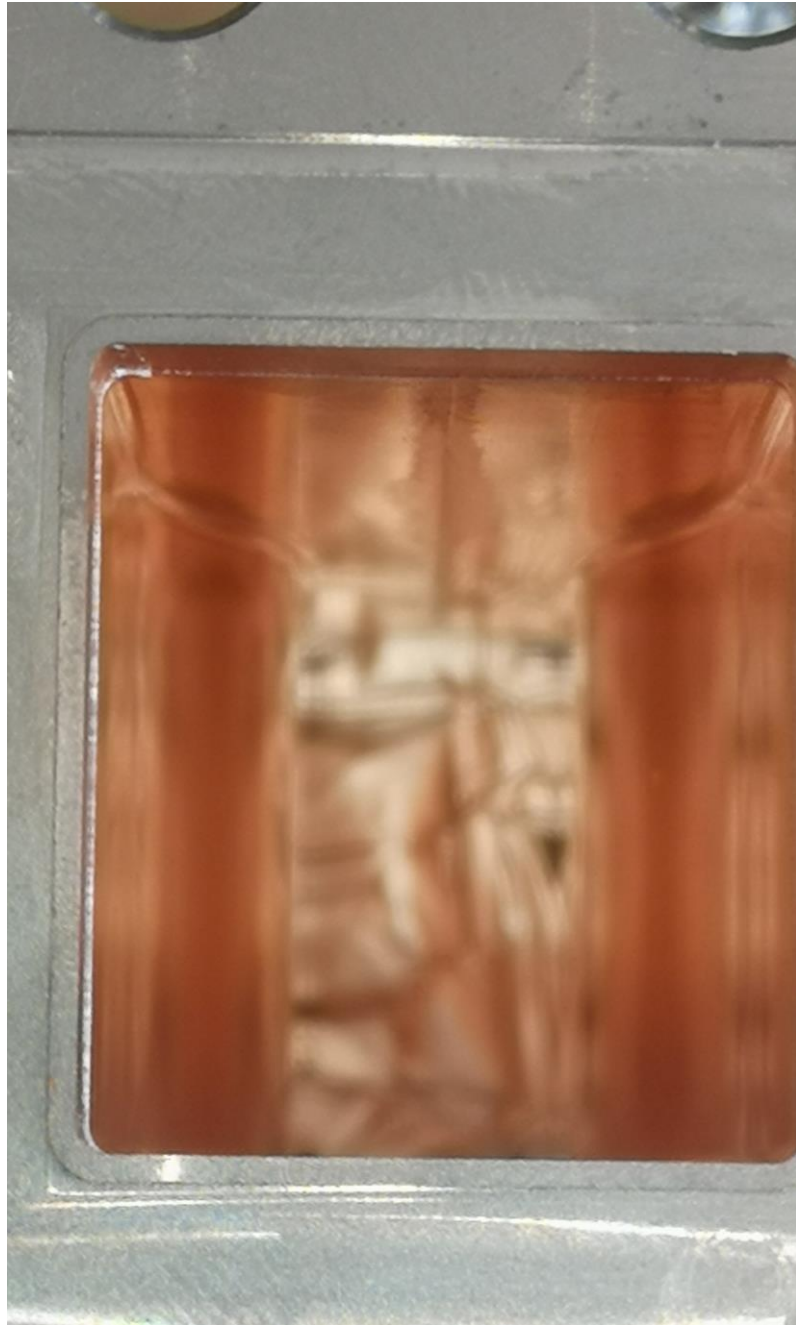
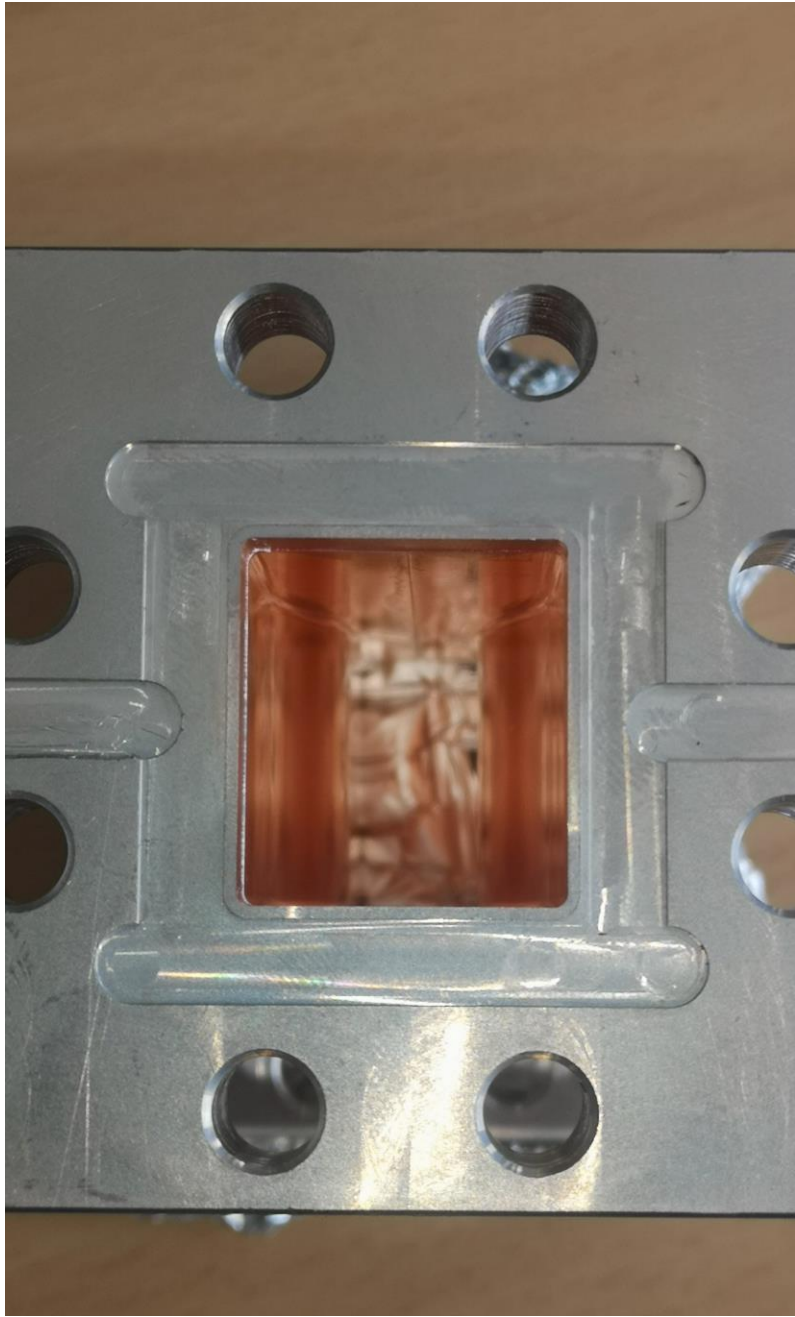


# Surface roughness consideration

Ra : 0.8  $\mu\text{m}$



Roughness tolerance , no problems !





Waterjet cutting issues...

