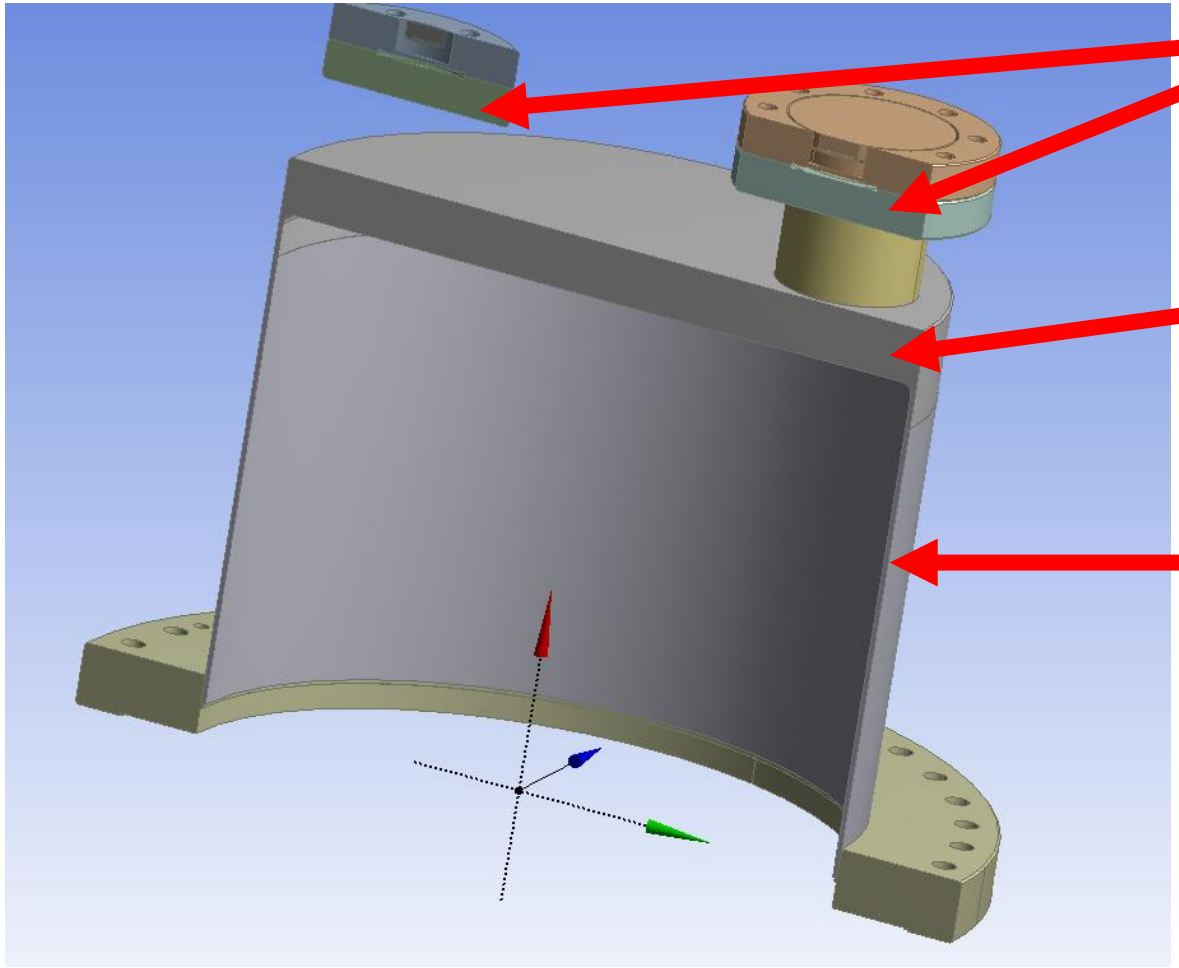
Coating setup WOW

Draft feedback for fabrication and costs

MME

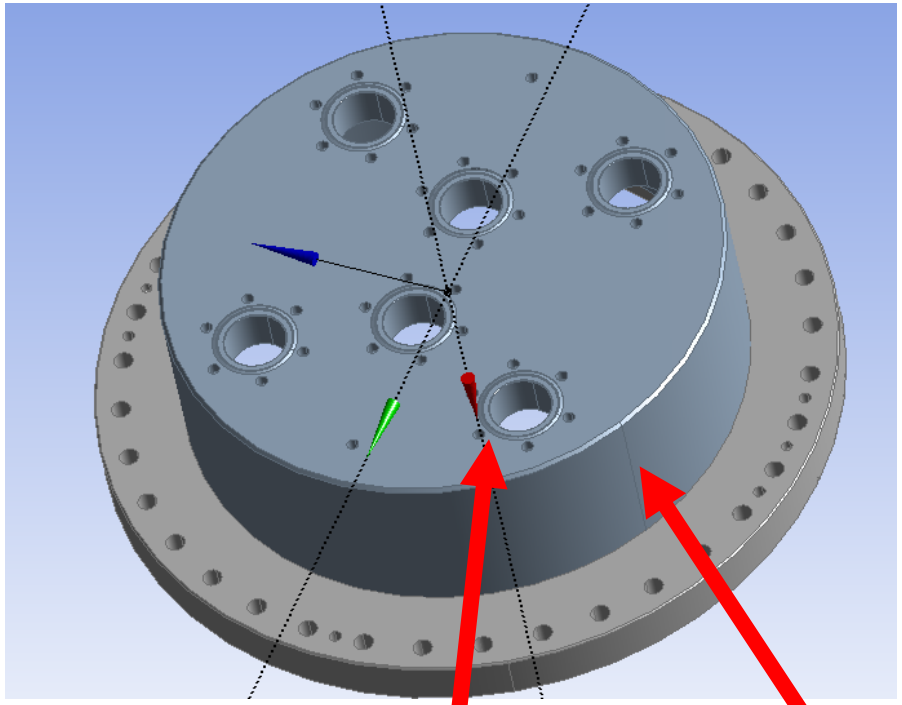


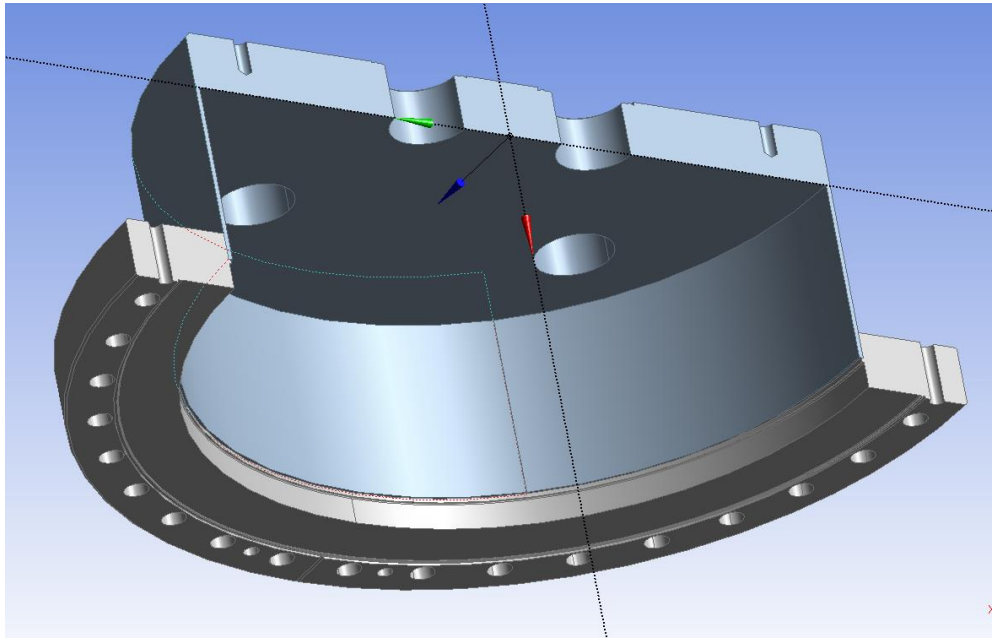
Flange Position Tolerance : 0.8mm
(w.r.t. lower flange)

Machined from Bulk
Reduce thickness to 35mm total (→ easy jet eau)
Sheet 316LN U.V. from CERN store

Proposal: Longitudinally Welded Tube 316L (off the shelf)
Is butt-weld needed? Or can it be 'emboitement'?

Indicative cost (no tolerances, no specifications) = 6.5kCHF
(without cost for all flanges, surface treatments, leak checks)



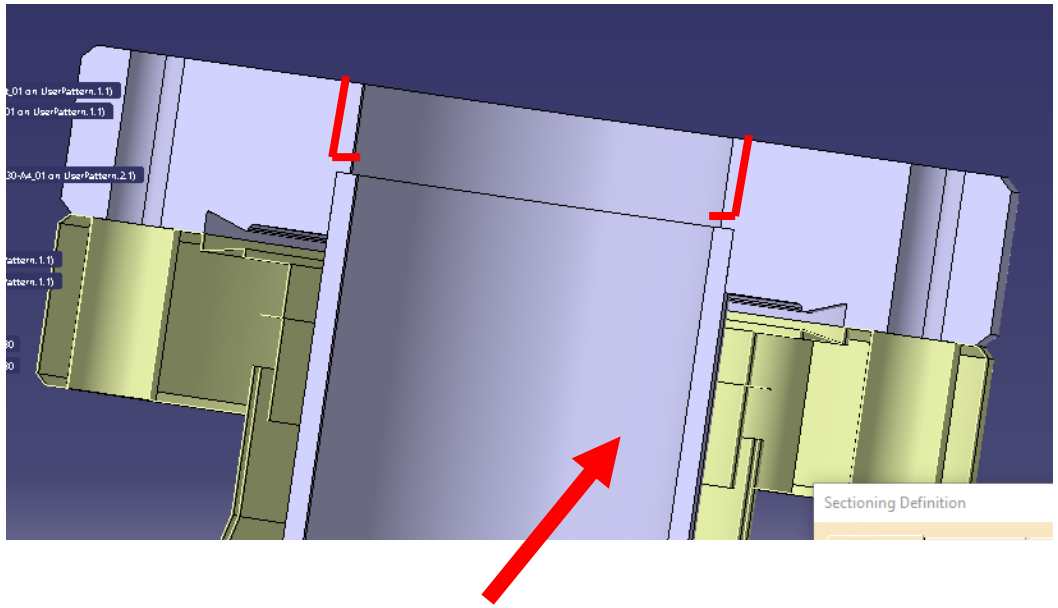


Flanges Position Tolerance : 0.8mm
(w.r.t. lower flange)

Proposal: Longitudinally Welded Tube 316L (off the shelf)

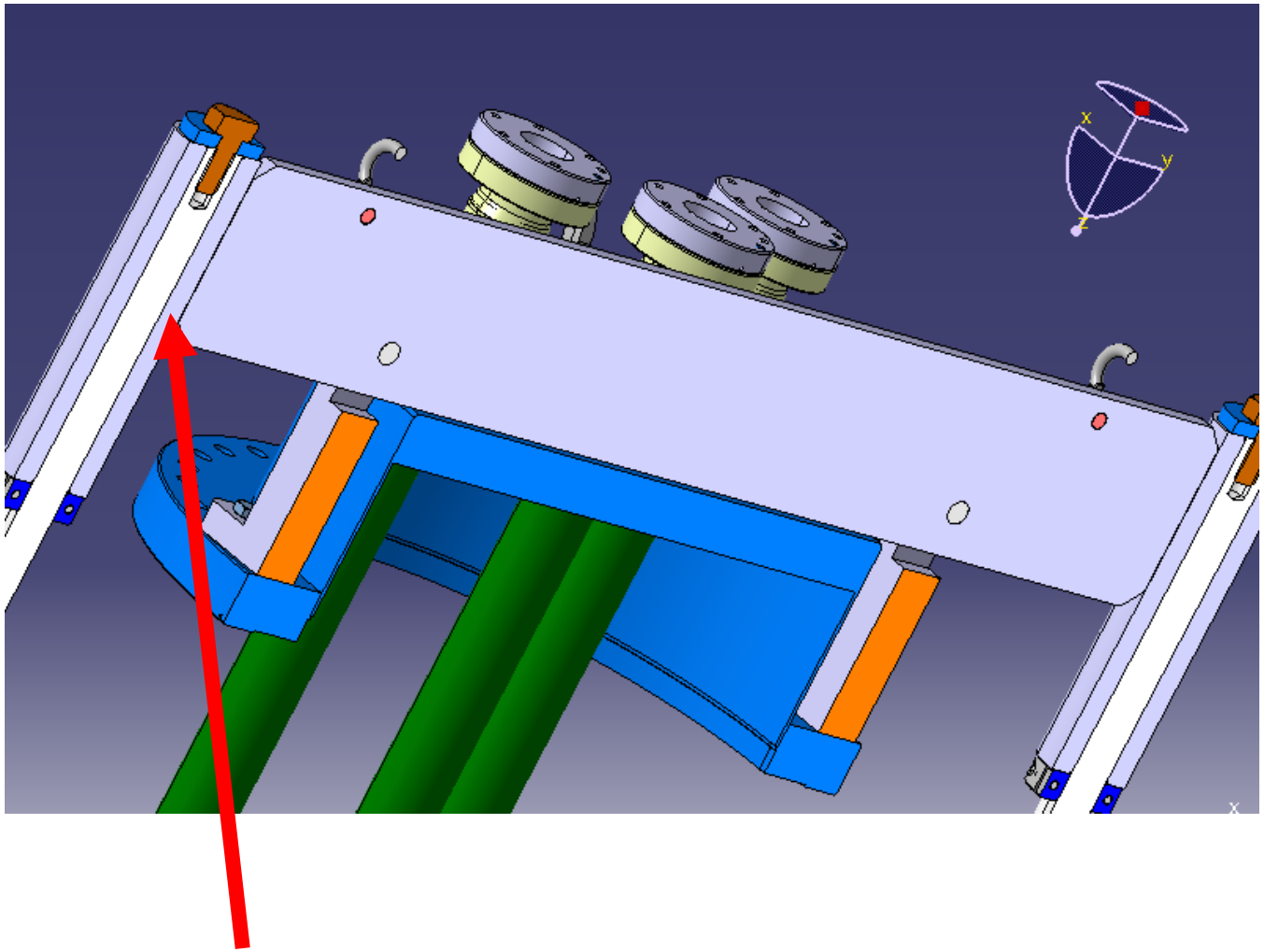
Indicative cost (no tolerances, no specifications) = 6.0 kCHF
(without cost for all flanges, surface treatments, leak checks)

Can overall design be modified so that this piece becomes a zero length flange?



Longitudinally Welded Tube
316L (off the shelf)

Indicative cost for 6x pieces (no tolerances, no specifications) = 2.4 kCHF
(without cost for DN40 flanges, surface treatments, leak checks)



Sleeve made bulk with lifting frame. (thickness 25mm)
Then drilling of D25 (depth 180mm)

Indicative cost (no tolerances, no specifications, no lifting equipment) = 2.0 kCHF
(without cost for commercial items)