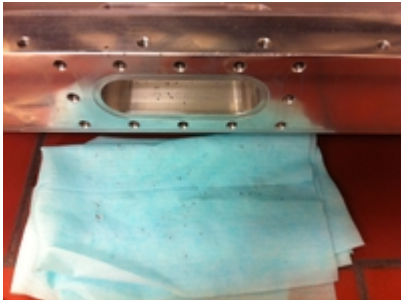


19.10.2016

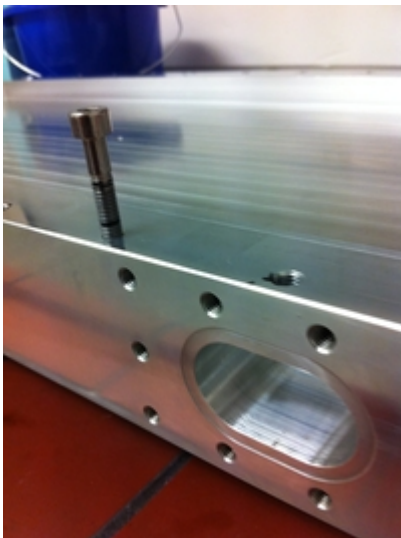
- I cleaned the vacuum chamber



- I tested the all M6 holes from the vacuumchamber



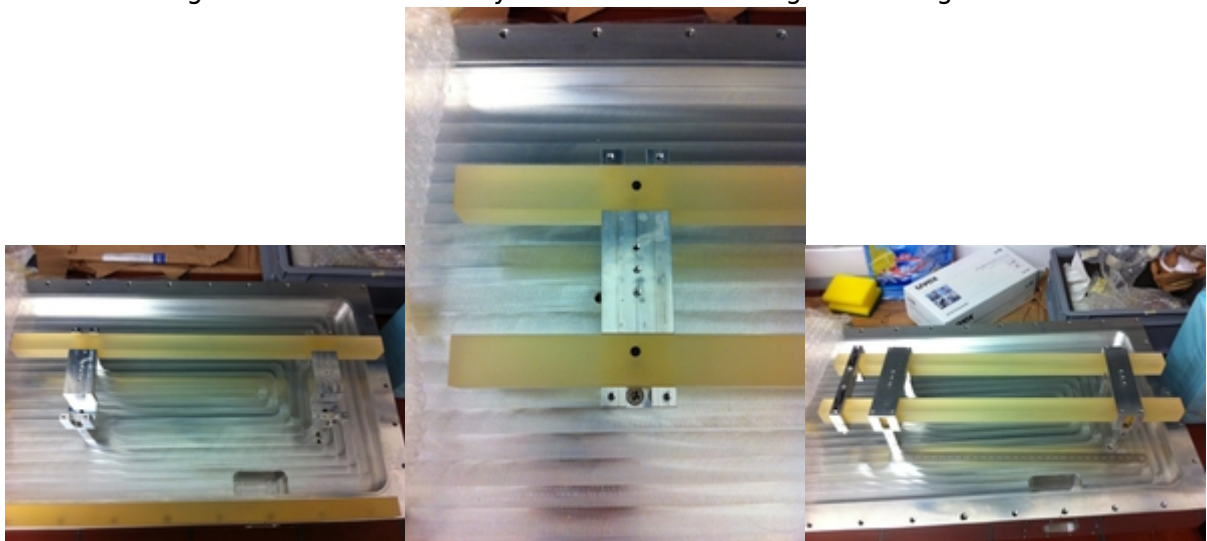
all threads are deep enough!



- 2x M4-breadboards (incouple and outcouple) and there spacers are done!
- I assembled the mounting with vitonballs and zerodur rods.

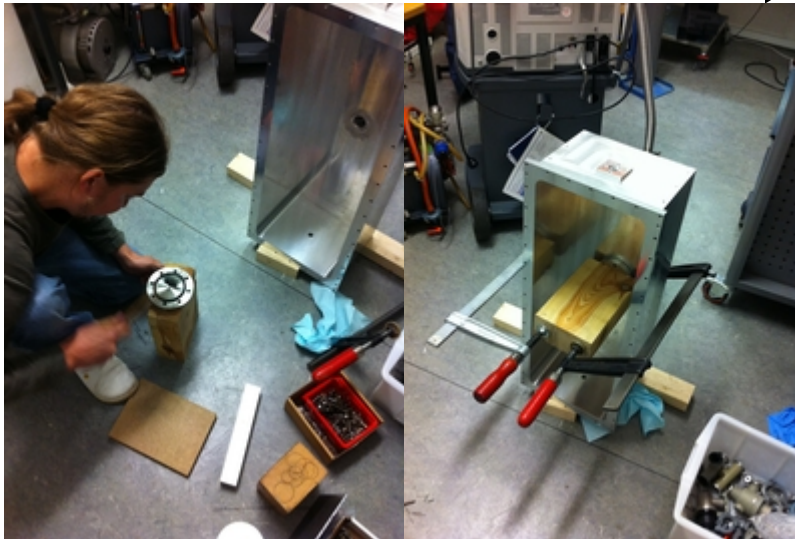
We need two vitonballs of each metal sheet side. Otherwise the mounting is to wobbly!

8x new sinkings for the vitonballs! If you fixed the mounting screws: tighten them crosswise!



Leaktest

positiv



New weld!



ToDo in Hannover * Design and order new spacer instead of eccentric spacer (1mm from centre) * 8x sinkings for the vitonballs * 3x 1cm sinking grooves for the glasballs (1mm less than the theory). Use 90° milling head! Front: 2x vertical to the zerodur rods, Back: 1x parallel to the zerodur rods! Distance between the middle of the two mountings 28cm. **ToDo in PTB** * Sebastian took the vacuum chamber to the workshop for a new weld!

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