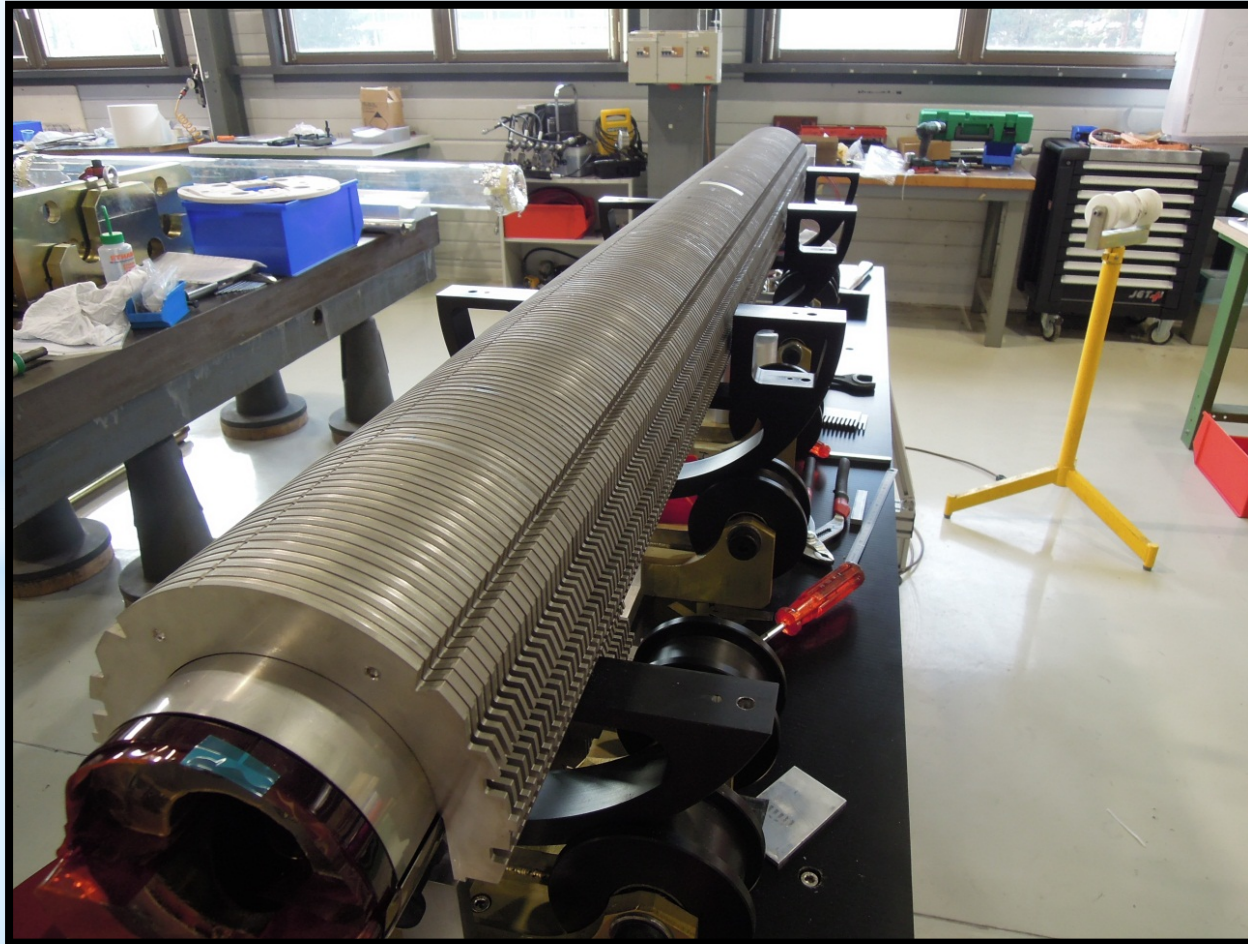


Preparation for Collaring



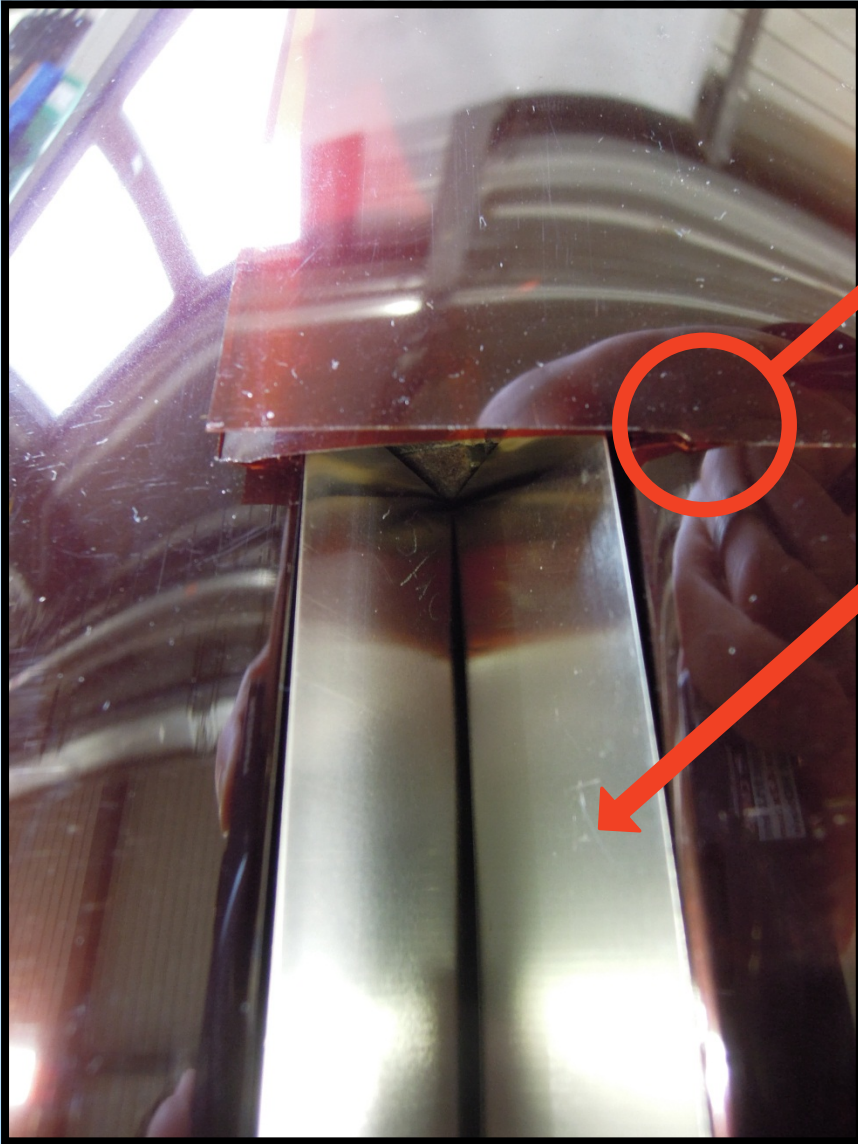
Lifting coil

- The first coil is located with the mandrel on the support



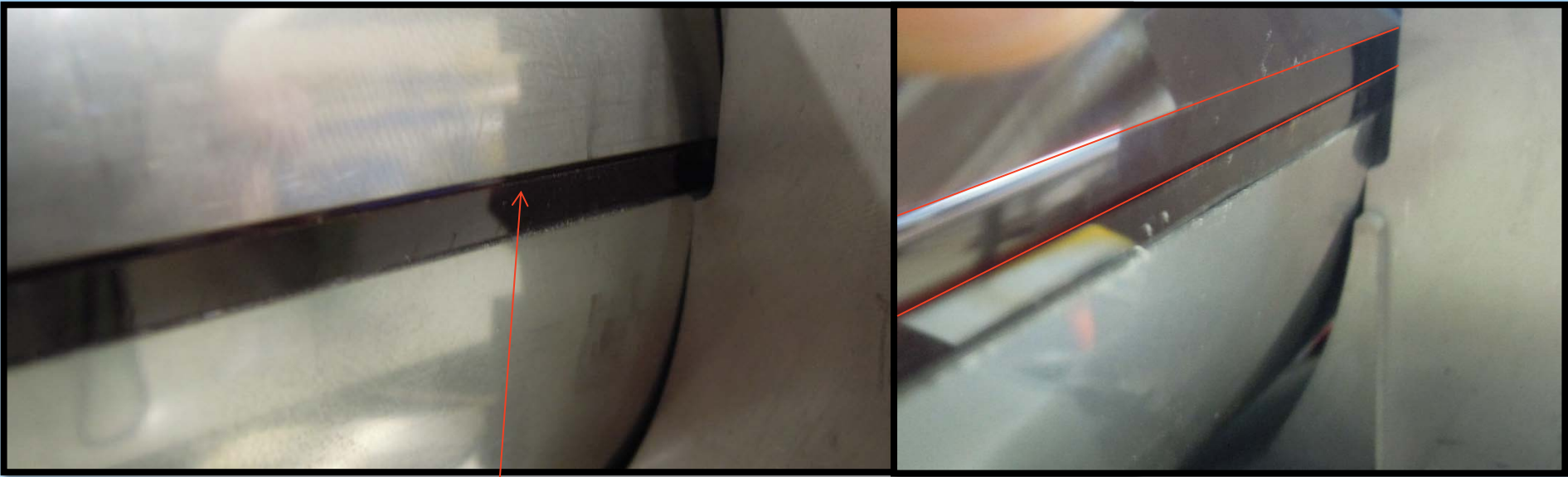
For the future, the coil should be aligned in lengthwise position!

Ground insulation, shimming and poles



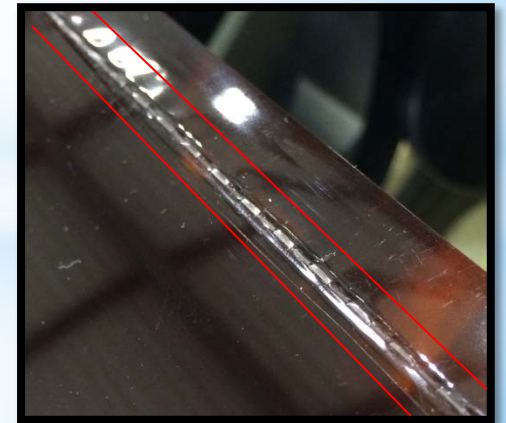
Insertion of holes in the edges of the foil to avoid cracks

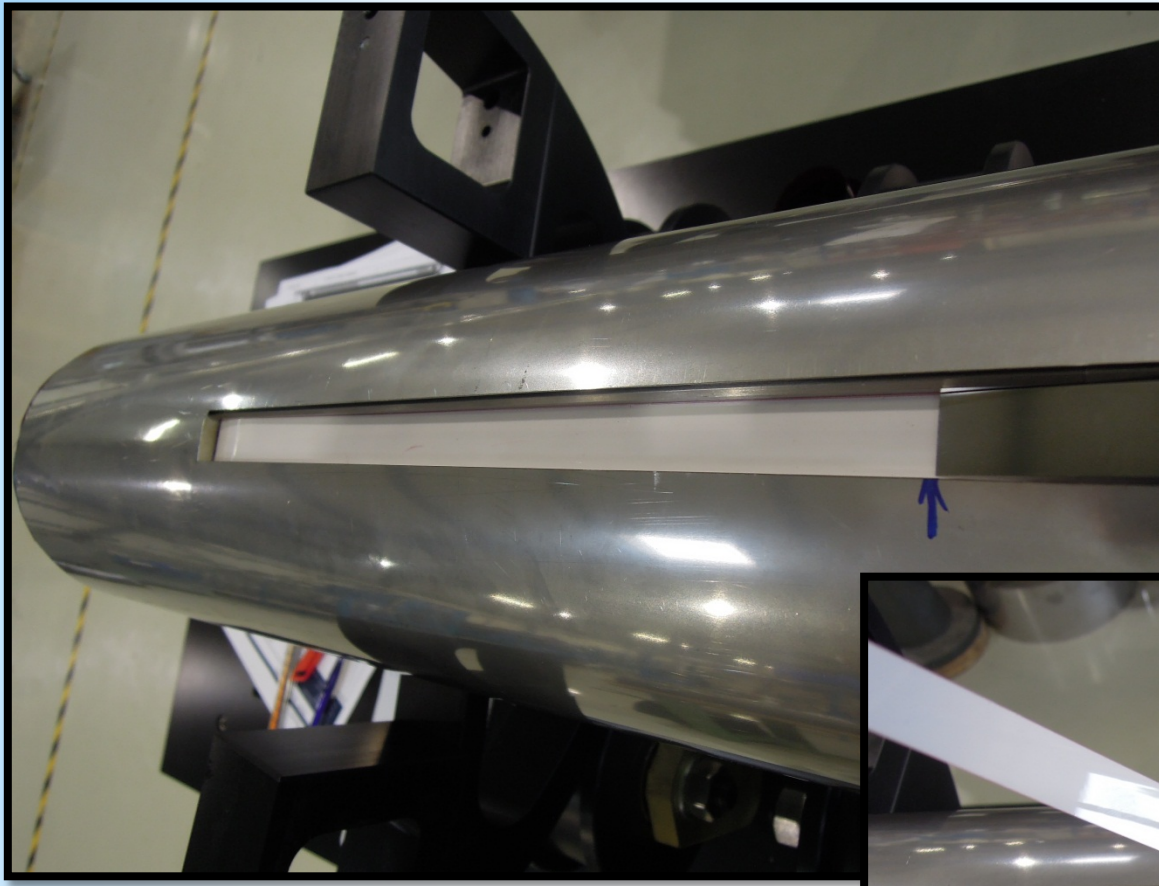
- INOX shims with a thickness of 0.15mm
- Fuji paper over the whole length



The ground insulation ends in the middle axis and will be pushed out and interleave with the collaring shoe.

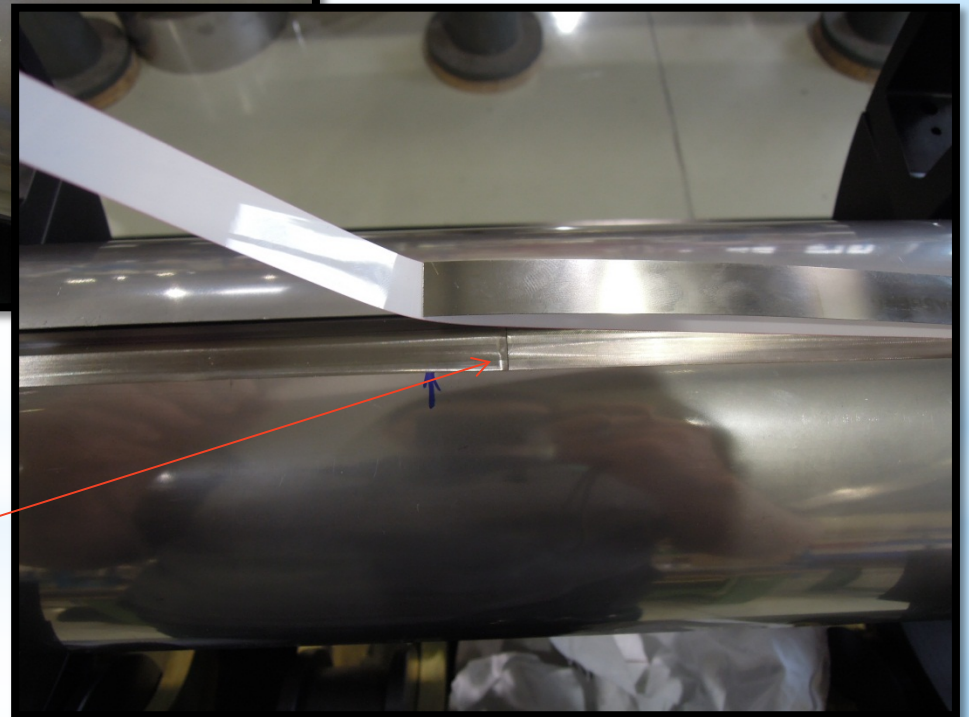
- Changing the length of the last ground insulation
- Design of the collaring shoe (90° turned)





- One Fuji paper over the whole length

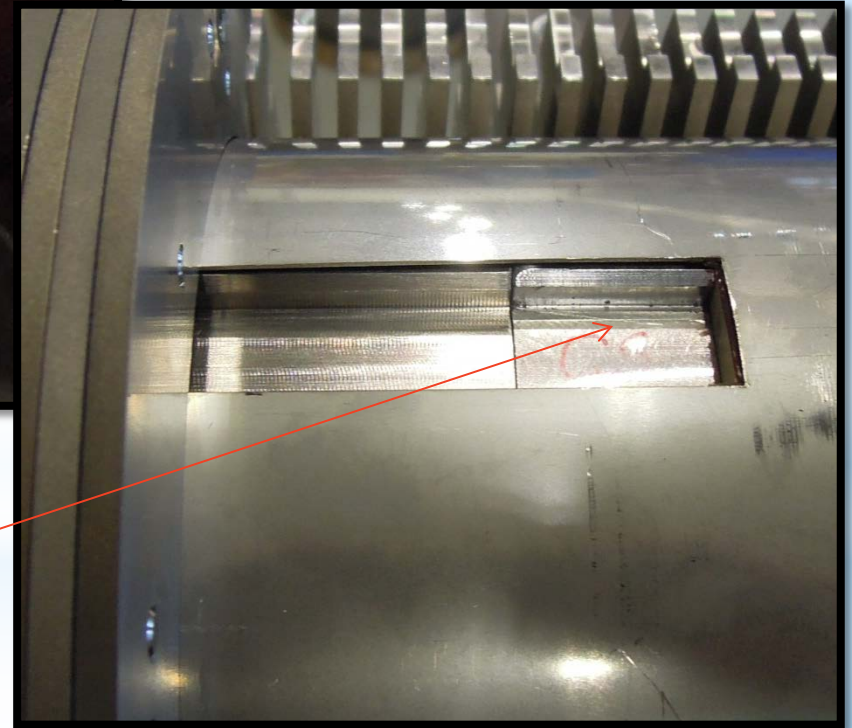
- One shim of 0.2mm thickness up to the end of one of the last poles



Titanium poles

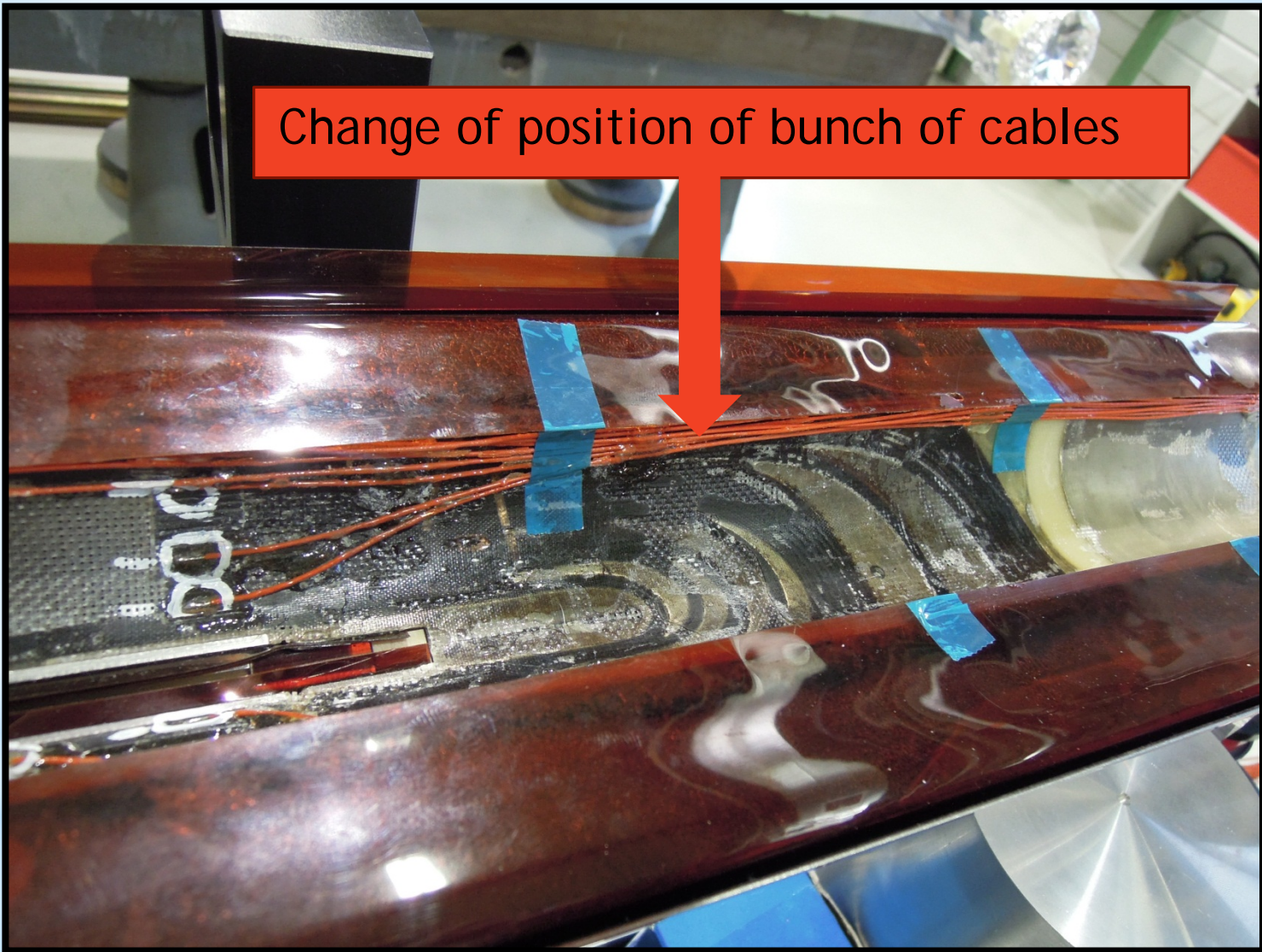


- To reach the entire length of the groove, special poles are inserted

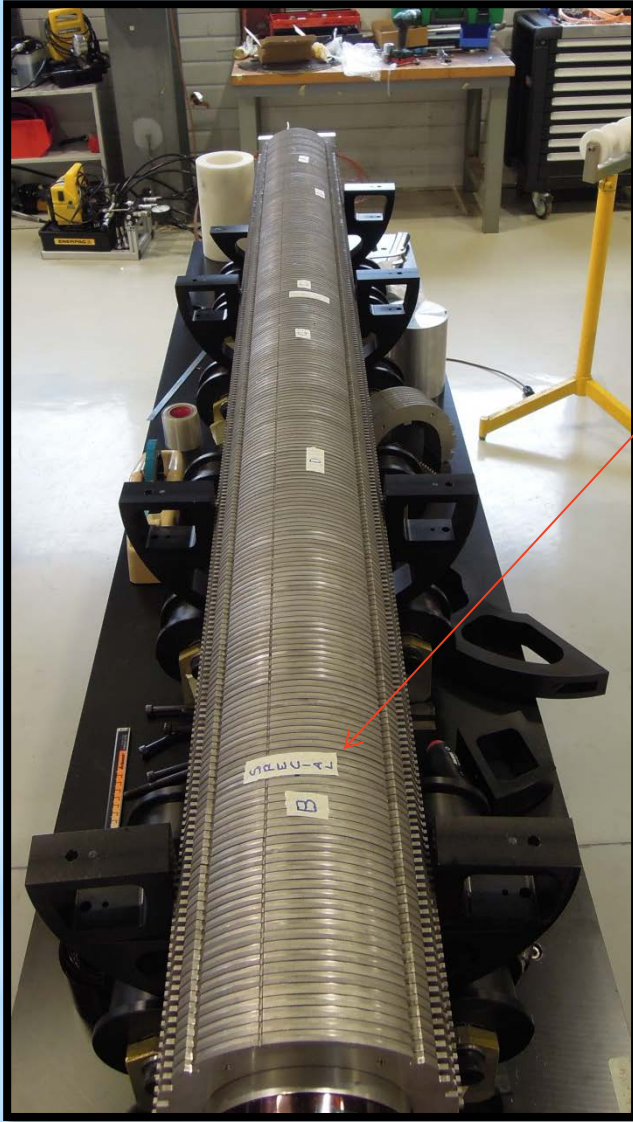


- Special parts which fill up the oversized length and the step inside the groove

Instrumented wires



Collaring



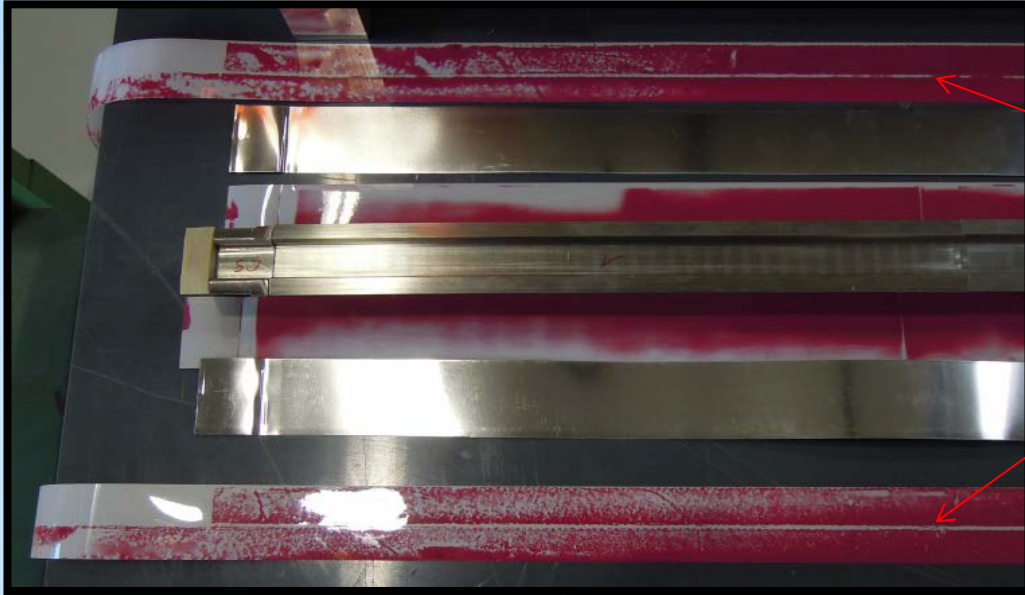
- Special packs were added to reach the oversized length of the coil

Lifting collared coil



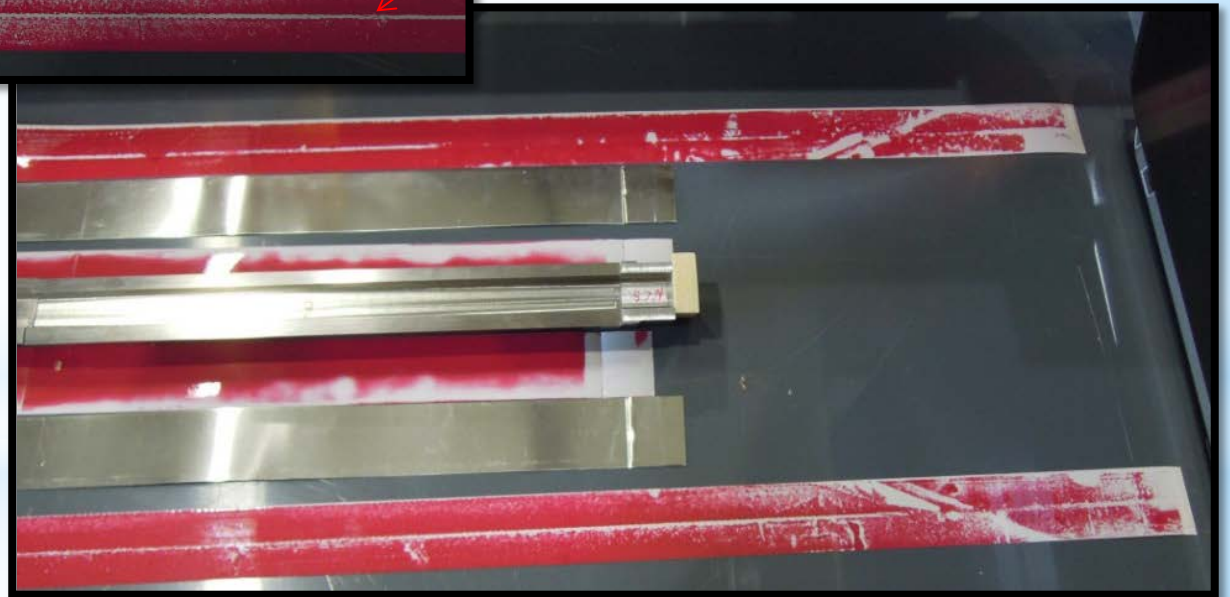
Special keys

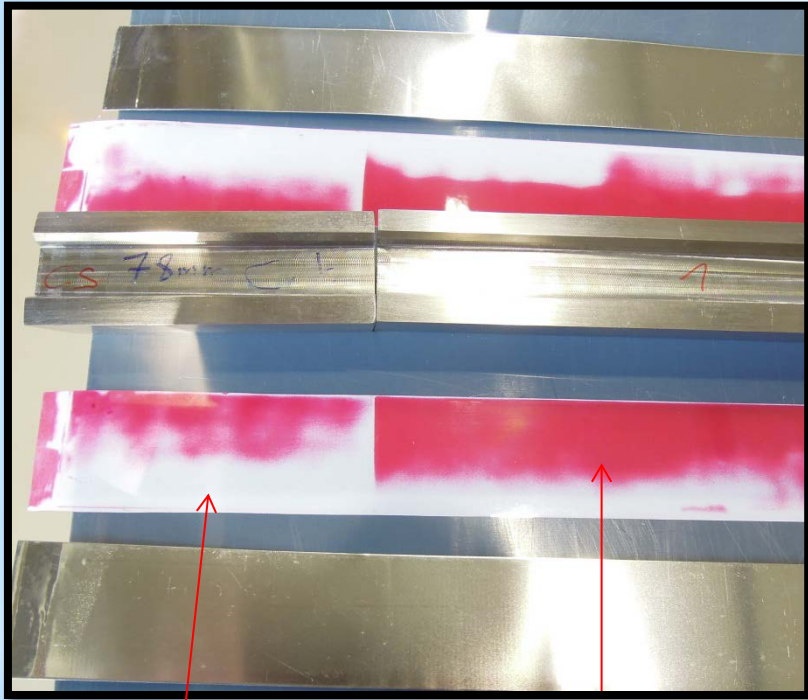
Fuji paper after pressing process



Mid-plane

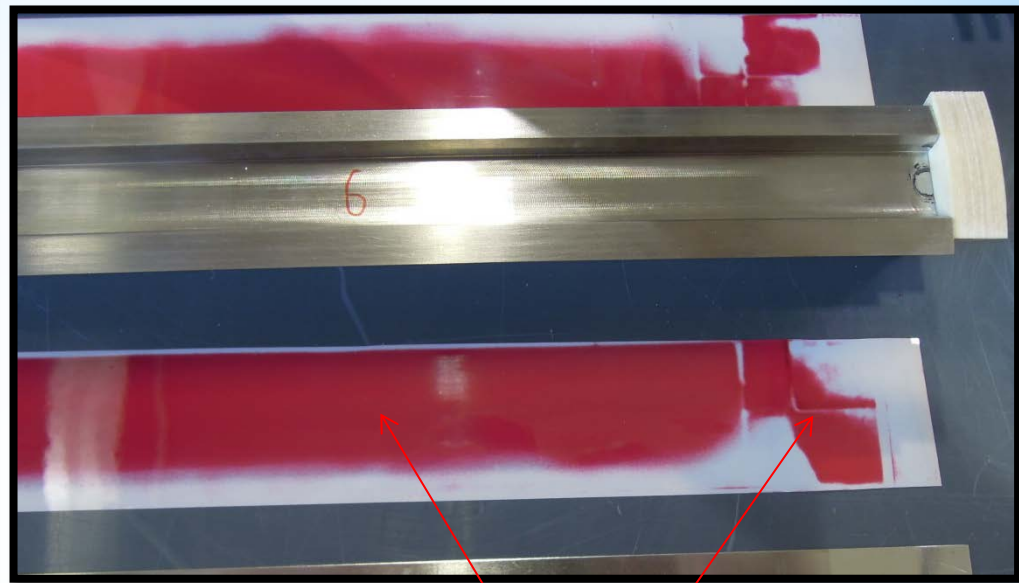
(Nb coil)





(Copper coil)

Less pressure
at the end



Same pressure over the entire pole

Thank you for your attention!