

ECAL-P mechanics update

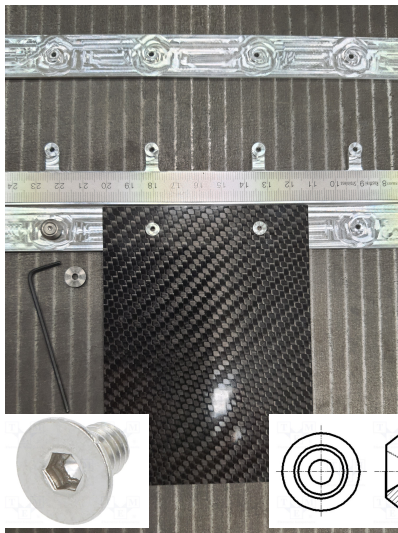
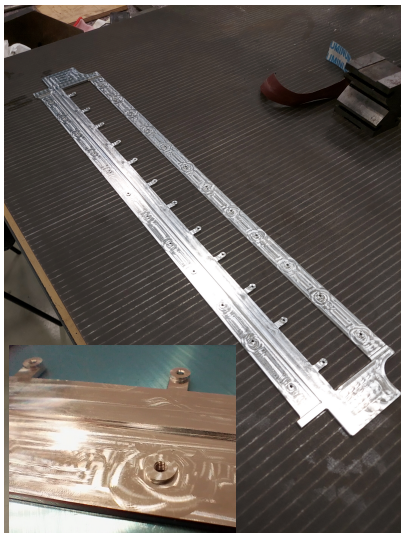
Grzegorz Grzelak

Faculty of Physics
University of Warsaw



ECAL-P meeting, 20-Nov-2024

T-frames production for TB-2025



- 3 T-frames “for TEST” ready (→ Valencia, → Krakow, → Warsaw)
- 7 T-frames for TB’25 (6+1 spare) production starting soon

- CF: is the diameter and spacing of all pins (pivots) OK ?
diameter: 6.0mm -0.004 -0.012 mm (machining with 5.995mm)
→ test with last version of CF with H7 holes (one elongated)
- FEB: is the pin spacing for FEBs OK (no obstacles ?)
positioning holes on PCB: 6.1mm (upper corner), for the rest 6.2mm ?



- EuropacPRO 19inch Subrack Kit:
Depth: 235 mm
Rack Height: 3 U = $3 \times 44.45 \text{ mm} = 133.2 \text{ mm}$
Rack Width: 84 HP = $84 \times 5.08 \text{ mm} = 426.72 \text{ mm}$ (less then ECAL-P width)
- to be attached to the “scaffolding” standing on ECAL-P base plate (transportation plate)
- what about load ? how many kg ?