

Machining process for disk damped cells Actions

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KEK-CERN machining – some differences

- CERN Cu copper 2D forged copper – more compact, but more tension and additional stresses when compared to extruded copper
- CERN annealing: 245 C for 2 h

Main actions

- KEK will send to CERN a disk of TD18.
- CERN will do SEM. Morphology analysis, Ra measurement, geometrical control,.. and will send the report to KEK
- CERN will send to KEK a spare disk of CERN T18 KEK/SLAC design and the QC report