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## EXPERIENCE WITH THE PRODUCTION AND TESTING OF THE PROTOTYPES OF LHC COLLIMATORS

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In the framework of the LHC Collimator project, MME group has been assigned the task to design the series collimators and to manufacture two prototypes of the Secondary Collimators (TCS) that were successfully tested in autumn 2004. The basic design of the TCS was completed by January 2004: the production of the prototypes in TS workshops started successively and was achieved by June 2004, involving almost all the services of the MME group. A thorough control and measuring phase followed; finally the installation of the prototypes in the tunnel was achieved by August 2004, in accord with the given deadline.

The approach adopted to meet the challenging schedule, the experience gathered during the design, the manufacturing and the control phase, along with the essential results of the tests are reviewed in this paper.

**Author:** Mr BERTARELLI, A.

**Co-authors:** Mr DALLOCCHIO, A.; Mr MAYER, M.; Mr PERRET; Mr CALATRONI, S.

**Presenter:** Mr BERTARELLI, A.

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