Analysis of Force Conditions of the Hot Forming Machine in Rolling-Out of Bearing Rings

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The main parameters of the hot forming machines are production capacity and the fatigue life of the used tools. The life of a tool depends on its shape and load. The load depends on the structural design and speed of forming. The goal of our paper is to present the structural optimization and technological parameters design with respect to tool life. This process is applied in the case of the hot forming machine analysis.

Keywords: Design, Optimizing Process, Hot Forming, Tool Life

Acknowledgements

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