CHOICE OF MATERIALS FOR MAKING INDUCTOR SYSTEMS

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The paper presents the results of experimental investigations concerning the choice of materials for making current-conducting and frame elements of inductors for pulse magnetic forming. Various kinds of inductor construction are considered, their efficiency as to the amount of deformation of a tubular blank is determined. Recommendations on the designing of operating inductor systems for production conditions are given.

Inductors, materials, magnetic fields, efficiency, experimental investigations, short-scale production

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