

THE COMPARATIVE ANALYSIS OF WAYS FOR MANUFACTURING OF FORGING PIPES MADE FROM C17200 ALLOY FOR FRICTION BEARINGS FOR HARD LOADED PARTS

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The question of influence of forging technology on alloy C17200 microstructure and operational properties of pipe products in this article is considered. On the basis of the analysis of a microstructure the conclusions are drawn about primary mechanisms of plastic deformation in such processes as direct hot pressing and isothermal punching.

Cu-Be alloys, plastic deformation, friction bearings, a microstructure, the phase analysis, hot pressing, isothermal punching

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