

Connection between machines durability during operation and the complex of physic-mechanical properties, formed during the production of critical parts

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Abstract

© Published under licence by IOP Publishing Ltd. The paper presents the effect of the processing technological structure on the hardening of metals and alloys by choosing the rational parameters of thermomechanical forming components at various stages of processing. The dependencies that can predict the destruction of the product during operation, depending on the structure of the resulting metal fabrication are shown.

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