
Influence of the conditions of deformation in Bridzhman chamber on the structure and properties of low-carbon steel

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Distribution of grains on the sizes and microhardness of steel 08kn subjected to various modes of deformation in Bridzhman chamber is investigated. On the basis of the received distributions relative quantities (amounts) of fragments and recrystallized grains are designed, correlation between structure and size of microhardness of samples is analyzed.

Keywords: *intensive plastic deformation, microhardness, grains, fragments, structure.*

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