

Microalloy steels: Energy saving prospect at manufacture of details of cars

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Abstract

Complex researches of mechanical and processing behavior of ATs40H2NMAF and ATs30H3NMAFB microalloy steels are conducted. Possibility of realization of forging heat for heat treatment of forgings is shown. Use such staly for manufacture the heavyduty of details - elbowed shaft and rods of the engine is recommended.

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Keywords

Deformation, Hardness, Steel, Structure, Thermal processing