

ASPECTS REGARDING THE DESIGNING OF PARTS MADE FROM SINTERED METALLIC POWDER, FATIGUE SOLICITATED

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Abstract: The fatigue behavior of sintered parts is determined by many factors, a special importance has the geometrical aspect and also their structure. The part s geometrical shape has to be correlated with the general state of stress generated into the material during their function and also with their functional role. To establish the geometrical shape of the part, an important role has the manufacturing technological process, which are determinant for the material structure and for the manufacturing cost. For the sintered parts fatigue solicited the macrostructural aspect became a very important role.

References:

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