

Providing the quality of complexly shaped machine elements at the design phase of the sheet stamping technological process

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Abstract

© 2016, Allerton Press, Inc. An automated technique for the technological process reliability evaluation is supplemented with an improvement stage to provide the quality of complexly shaped machine elements manufactured by the sheet stamping. As a result, there is a possibility to expediently develop and realize measures for the structural improvement of an element manufactured by stamping in cases using CAE software, when technological process correction does not provide conditions for defectfree stamping.

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