

QUALITY OF SHEET ARTICLES FORGED BY POLYURETHANE IN THE OPEN VOLUME

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The paper shows the efficiency of blanking sheet articles by polyurethane using open and semi open methods. The results of numerical and experimental analysis of these processes are given. The influence of non-uniform unit load of a polyurethane tool on the plane ness of the articles forged is shown. An efficient forging technology and technological recommendations are developed.

Forging, polyurethane, open volume, sheet articles, plane ness, friction, quality, analysis, lubrication, technology.

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