COMPUTER APPLICATION FOR DECISION-MAKING SUPPORT IN METAL SPINNING

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Abstract: *The selection of forming lubricants in metal spinning process is often observed to be a multi-criteria decision-making problem with conflicting and diverse objectives. This contribution presents a current state of the development of a computer application for optimal selection of lubricants in the stage of metal spinning process design with regard to minimization of health and environmental risks. The system requirements and the principal structure of the developed software tool are described. The proposed tool automates the forming lubricants selection. As a part of existing CAPP software it will serve as an aid in lubrication decision-making for machine shop engineers in metal spinning process planning.*

Key words: *computer application, lubricants, metal spinning, optimization*

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