



## Incremental Punching Process for Sheet Metal Prototyping

By Yuanxin Luo

LAP LAMBERT Academic Publishing. Paperback. Book Condition: New. Paperback. 152 pages. Dimensions: 8.7in. x 5.9in. x 0.3in. Everyday, millions of sheet metal parts are desired from industries to daily life. Stamping is very efficient but not cost effective for small batch production. Recently, with the increasing demands for low-volume and customer-made products, die-less forming methods have become one of the leading R and D topics in the industry. The book explores a new rapid prototyping system for sheet metal part that is incremental punching. This study includes theoretical studies and experimental investigations. The minimum energy principle and inverse Finite Element Modeling are fundamental theory for predicting the final shape and the stress respectively. Finally, the formability of the process is also investigated. The presented method is flexible, conventional and efficiency for producing sheet metal parts. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.



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