

Thesis Title	Study on Reducing of Burr in Blanking Process using Push-back Blanking Method
Thesis Credits	12
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Degree of Study	Master of Engineering
Department	Tool and Materials Engineering
Academic Year	2001

#### Abstract

The objective of this thesis is to study the process to reduce burr in blanking parts of push-back blanking method. Studied parameters consist of clearance, punch penetration, radius and corner. Material AA1100-H12 of 3 mm thickness has been used as specimen.

The result from the experimental investigation, showed that push-back blanking method can be used to eliminate burr, low negative clearance as well as high punch penetration provided better result on blanked surface quality. This process effects the part geometry in the way that the smaller the radius and the corner angle, the worse the cutting surface were resulted.