



FACULTY OF MECHANICAL ENGINEERING
MARA UNIVERCITY OF TECHNOLOGY
(UiTM)

DIPLOMA OF MECHANICAL ENGINEERING
FINAL YEAR PROJECT REPORT

METAL STAMPING

PREPARED BY :

MOHD KHATIB IBRAHIM
AIDIL DZILKHAIRE ABD. LATEH
JOEHARI IBRAHIM

PROJECT ADVISOR

Dr. ABD. HALIM ZULKIFLI

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1.1 METAL STAMPING

Now days, the production technology has spreads widely. This is because , there is a highly demand from many companies that need products that made from the production technology. To make product from different purpose, metal stamping is used as one of production technology branch.

With metal stamping process, we can make many products. This is because the product that used metal stamping process easy to from chip light and have a low production cost. For example, car spare parts , air conditioner and etc. The metal stamping process include many different method and it is depend on what kind of product that we want to make. It includes blanking, shearing, hot or cold forming, drawing bending and coining.

By doing this project, the group members have learnt about the working principle, the function, type the machine and material of the metal stamping . In our project, we have used blanking process, forming process and burring process to produce the product. The material for the product is a soft metal because it is easier to form and suitable for it usage and it is suitable to give a high pressure when the compression process taking place.