

DATA SHEET

Name of die  
Bending die

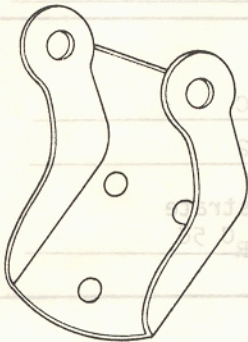
- An Example of profit obtained -

Year, month, day

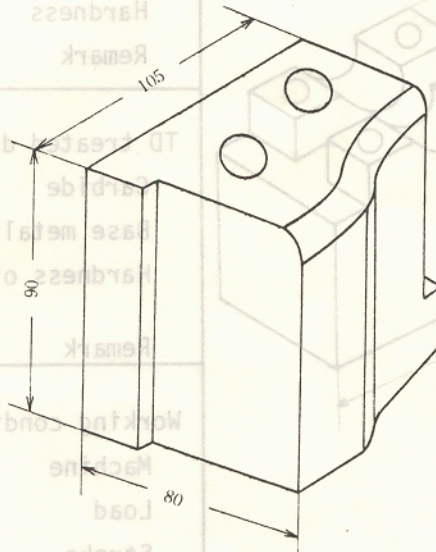
Mode of working  
Stamping

Name of firm  
Mizushima Press Ind. Co.

Sketch of product



Sketch of TD-treated die



Work material ( Product )

Material hot rolled mild steel

Size 6.0mmt

Hardness

Remark

TD treated die

Carbide VC

Base metal D2

Hardness of substrate

H<sub>R</sub> C60

Remark

Working condition

Machine

Load

Stroke

Clearance

Lubrication Applied

Temperature of work

Result

Base metal, Treatment and hardness of the die to be compared

D2 Chromium plating

Life and other evidences

TD die Re-TD treated after 120,000 shots, now in serving.

The die to be compared

Re-plating was needed at less than 1,000 shots. Plating can be made 3/4 times.

Profit obtained through application of TD process

1. Increase in die life
2. Decrease in die repair work
3. Decrease in lubricant consumption