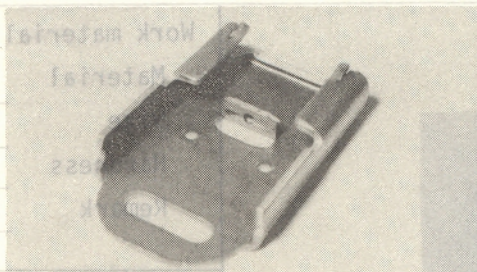


APPLICATION DATA

Name of part Bending die	Source O. Kasuya, et al Mashinisuto Vol.20, No.12 (1976) p.31	Name of part Bending mandrel
Mode of servicing Sheet metal stamping		Mode of servicing Sheet metal stamping



Product

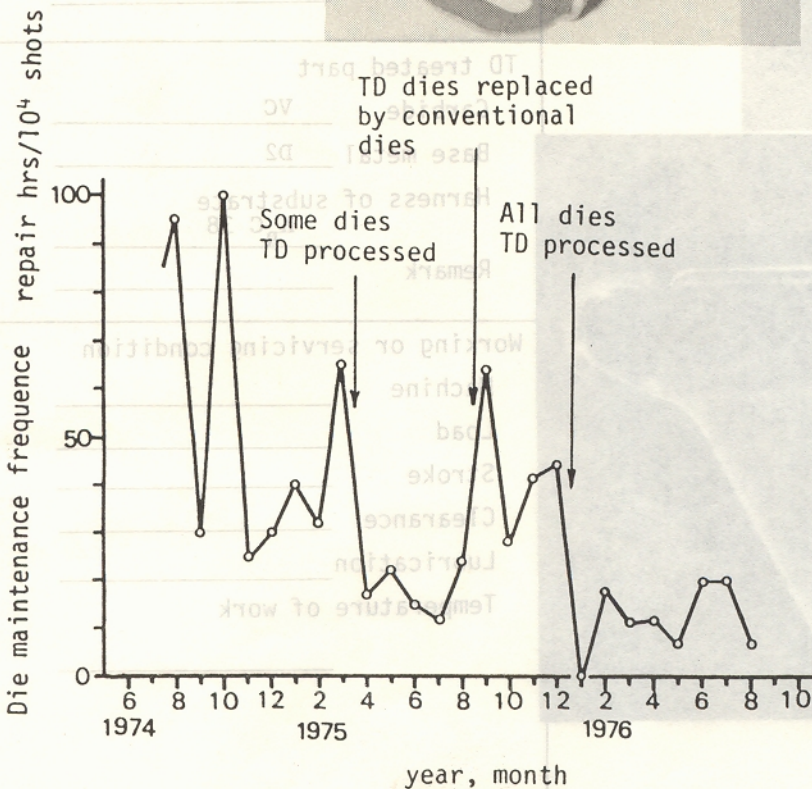
Work material

Material _____

Size _____

Hardness _____

Remark _____



TD treated part

Carbide _____

Base metal _____

Harness of substrate _____

Remark _____

Working or servicing condition

Machine Transfer press

Load _____

Stroke _____

Clearance _____

Lubrication _____

Temperature of work _____

Die assembly

- Piercing punches and dies—8 dies
- Bending dies _____ — 3 dies
- Shearing and bending dies—2 dies
- Coining _____ — 2 dies

Result	Base metal, treatment and hardness of the part to be compared	Result
Life and other evidences	TD part The part to be compared	Life and other evidences TD part The part to be compared
Profit obtained through application of TD Process	Decrease in repair work (see Fig.)	Profit obtained through application of TD Process