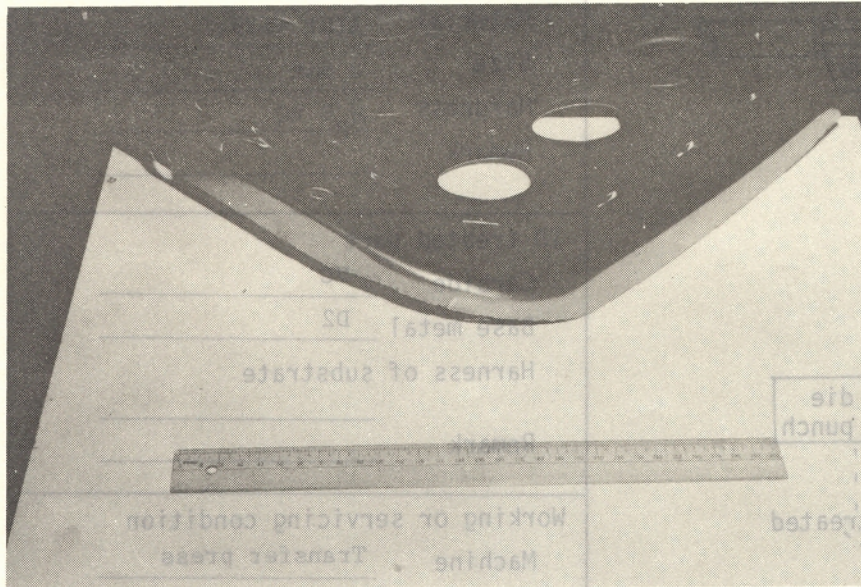


# APPLICATION DATA

Name of part Bending die	Source M. Satoh Mashinisuto Vol.20, No.5 (1976) p.5
Mode of servicing Sheet metal stamping	

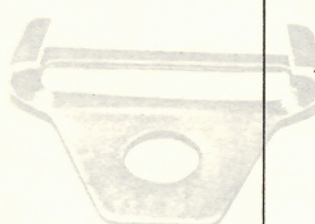


Work material  
 Material Cold rolled mild steel  
 Size 0.85 mm  
 Hardness  
 Remark

TD treated part  
 Carbide VC  
 Base metal 8%Cr die steel  
 Harness of substrate  
 Remark

Working or servicing condition  
 Machine  
 Load  
 Stroke  
 Clearance  
 Lubrication  
 Temperature of work

Product  
 Load  
 Stroke  
 Clearance  
 Lubrication  
 Temperature of work



Result

Base metal, treatment and hardness of the part to be compared  
 8%Cr die steel Hardened

Life and other evidences

TD part 2,100,000 shots, Still usable  
 The part to be compared 3,000 shots/repair

Profit obtained through application of TD Process