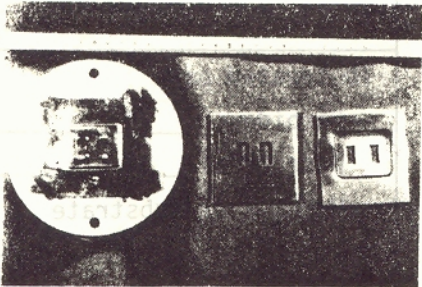


## APPLICATION DATA

Name of part Forming die	Source Y. Iwai et al (Nippon Denso Co., Ltd.) Puresu. Gijutsu Vol. 23, No. 8 (1985) p. 52	
Mode of servicing Sheet metal stamping		
<div style="text-align: center;">  </div>	Work material Material <u>304</u> Size <u>4.0 mm thick</u> Hardness _____ Remark _____	TD treated part Carbide <u>VC</u> Base metal <u>M2</u> Harness of substrate _____ Remark _____
Die                  Products	Working or servicing condition Machine _____ Load _____ Stroke _____ Clearance _____ Lubrication _____ Temperature of work _____	

Result	Base metal, treatment and hardness of the part to be compared M2 Ordinarily hardened
Life and other evidences	TD part                      15,000 shots/coating*, due to scoring <span style="display: block; text-align: right;">(*3 times repetition was possible)</span> The part to be compared 1,500 shots/life, due to scoring
Profit obtained through application of TD Process Increase in life	