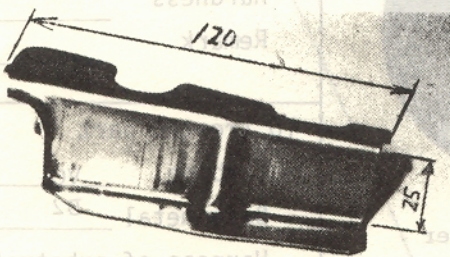


APPLICATION DATA

Name of part Forming die	Source K. Kato et al (Mitsubishi Motor Co.) Puresu Gijutsu Vol. 23, No. 8 (1985) p. 75
Mode of servicing Sheet metal stamping	
	Work material Material Mild steel Size _____ Hardness _____ Remark _____
	TD treated part Carbide VC Base metal D2 Harness of substrate _____ Remark _____
	Working or servicing condition Machine _____ Load _____ Stroke _____ Clearance _____ Lubrication _____ Temperature of work _____

Result

Base metal, treatment and hardness of the part to be compared
See figures.

Life and other evidences

No increase in scoring in VC coated D2, as well as TiC (CVD) D2 and chromium plated gray cast iron

- No. 1 D2 --- VC (TD)
- 2 D2 --- TiC (CVD)
- 3 W1 --- Tufftride
- 4 GCI --- Tufftride
- 5 W1 --- Hardening
- 9 Carbon steel -- Ampco
- 10 Carbon steel -- Stellite
- 11 GCI -- Chromium plating
- 12 GCI

