English version of "Machinist" DATA SHEET Name of die Year, month, day o small - An Example of profit obtained -Drawing die Dec. 25, 1978 Name of firm Mode of working Stamping Kyoei Kogyo Co. Work material (Product) Sketch of product Isington Now Cold rolled mild steel Material Size 2.3mmt,200 x 200 Hardness Sketch of TD-treated Remark Remark die (1) TD treated die vc 280 Carbide D2 Base metal -Hardness of substrate H_C58 Remark Working condition 300 T Machine Load 40 shots/min. Stroke Clearance None Lubrication Sketch of TD-treated Temperature of work die (2) \$ 111-Result Base metal, Treatment and hardness of the die to be compared D2, Hardened Life and other evidences Still usuable at 100,000 shots, without Lubricant. The die to be compared Repair work was needed at every 1,000 shots because of scoring on A position, even under application .tubricant. Profit obtained through application of TD process 1. Disuse of Lubricant. 2. Decrease in Die consumption. lo esuaid . I 3. Decrease in repair work. 916 at ease 1990 .S 4. Improvement in product quality. 98897990 .E 5. Decrease in shut-down time due to 1 and 3.