

DATA SHEET

Name of die

Blanking punch (Standardized)

- An Example of profit obtained -

Year, month, day

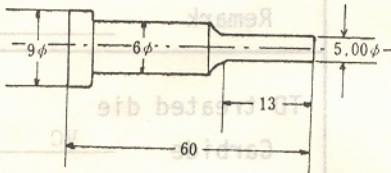
Mode of working

Stamping

Name of firm

Sekiya Seisakujo

Sketch of TD treated punch



Work material (Product)

Material mild steel

Size 4.0t

Hardness

Remark

TD treated die

Carbide VC

Base metal D2

Hardness of substrate

H_RC 58-60

Remark

Working condition

Machine

Load

Stroke

Clearance

Lubrication

Temperature of work

Result

Base metal, Treatment and hardness of the die to be compared

D2, Hardened

Life and other evidences

TD die 60,000 shots (Still usable)

The die to be compared 8,000 shots/regrind. 8 times of regrinding was possible.

Profit obtained through application of TD process

1. Decrease in number of punches abandoned.
2. Decrease in regrinding time. (40 min/reg. 8 times Total 320 min.)
3. Decrease in shut-down time.