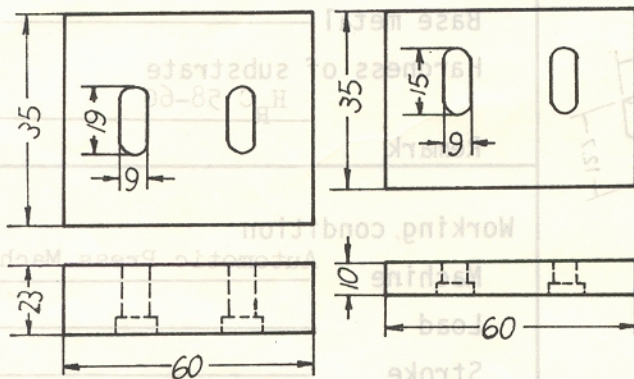


TD Process
Application Data
No. 74-A-4

Die or jig	Name	Shearing blade					
	Category	Die (pressing) cold forging, hot forging, die casting, sand molding, powder compacting, rubber molding, plastic molding, glass casting) Cutting tool, Knife, Guide roller, Others ()					
Material	Steel Code	SKD11	TD	Coating	VC	Treating Condition	
	Heat Treatment	hardened		Thickness		Substrate Hardness	HRC

Sketch of Die



Work

Material	SPM
Dimension	Hardness

Sketch of Work

How It Is Worked

Evaluation

SKD11 hardened : Regrinding after 70,000 shots
TD : Usable after 200,000 shots

Effect

- Increase of die life
- Reduction of maintenance cost
- Saving of lubricants
- Increase of working rate
- Others

Working Condition

Machine	
Load	
Stroke	
Speed	
Temperature	°C
Lubrication	
Clearance	