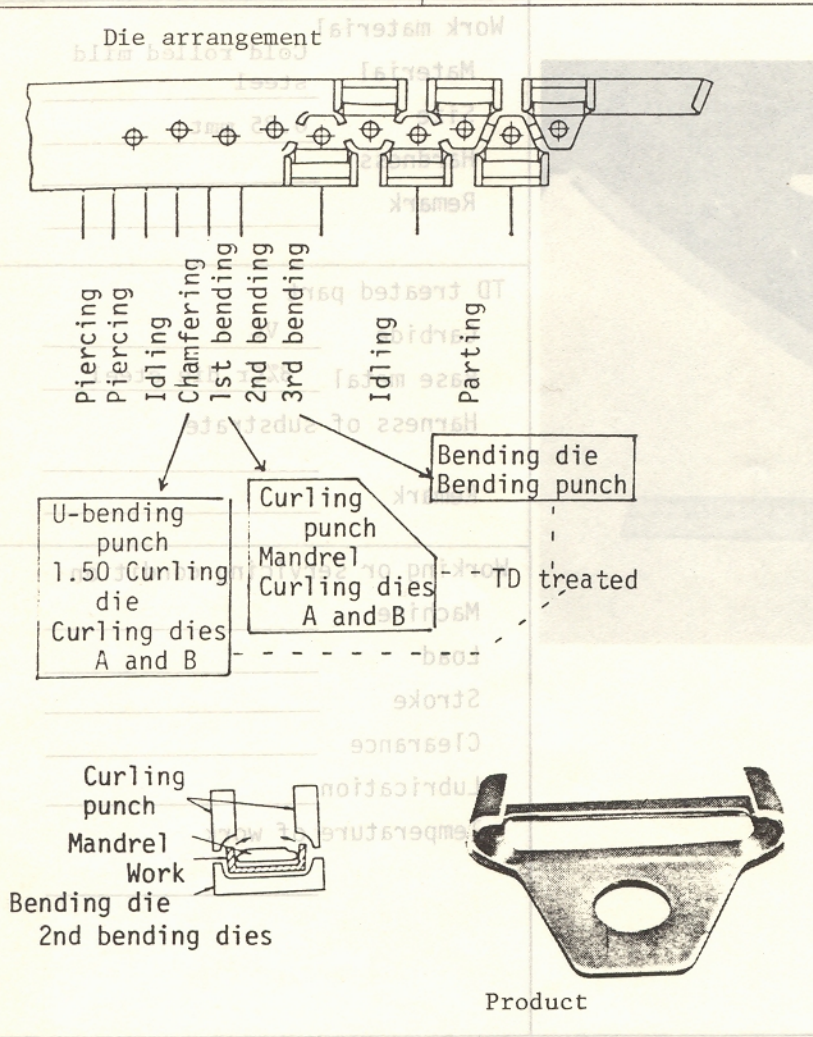


APPLICATION DATA

Name of part Bending die	Source O. Kasuya, et al Puresu Gijutsu Vol.16, No.1 (1978) p.101	Name of part Bending die
Mode of servicing Sheet metal stamping		Mode of servicing Sheet metal stamping



Work material

Material	AISI 4135
Size	2 mm
Hardness	H _B 80
Remark	

TD treated part

Carbide	VC
Base metal	D2
Hardness of substrate	
Remark	

Working or servicing condition

Machine	Transfer press
Load	
Stroke	60~70/min.
Clearance	
Lubrication	None
Temperature of work	

Result

Base metal, treatment and hardness of the part to be compared
D2 Hardened

Profit obtained through application of TD Process

- Decrease in die consumption
- Decrease in repair work
- Improvement in product quality

