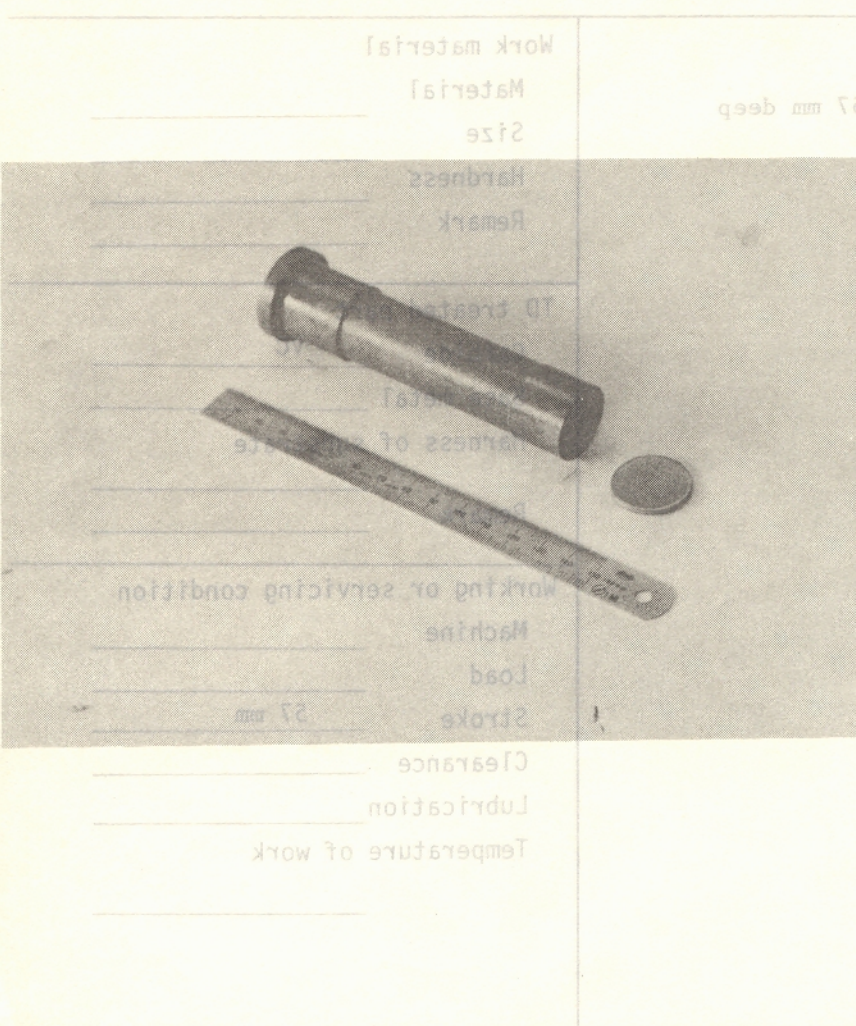


APPLICATION DATA

Name of part Perforating punch	Source M. Satoh Mashinisuto Vol.20, No.5 (1976) p.5
Mode of servicing Sheet metal stamping	



Work material	Material High strength steel
Size	1.6 mm
Hardness	
Remark	
TD treated part	Carbide VC
	Base metal 8%Cr die steel
	Hardness 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 8%Cr die steel Hardened
Life and other evidences	TD part 400,000 shots, Still usable The part to be compared 66,000 shots/reg.
Profit obtained through application of TD Process	