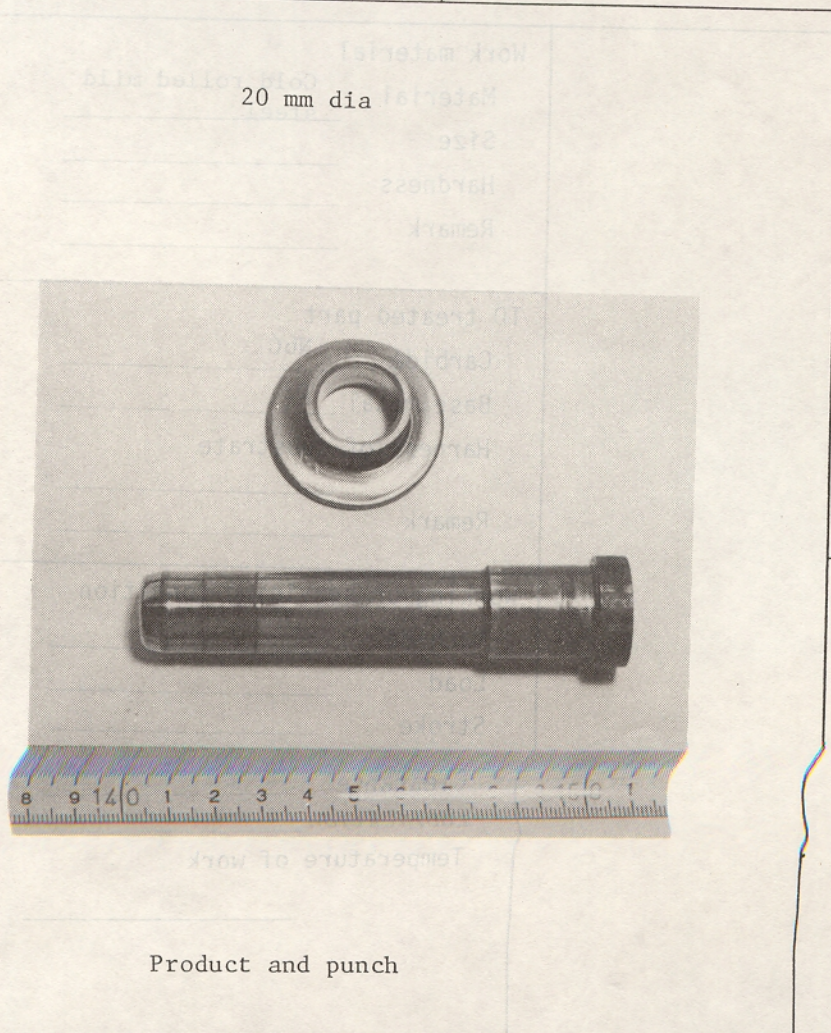


APPLICATION DATA

Name of part Burring punch	Source K. Iwai, et al Press Gijutsu, Vol.16, No.7 (1978) p.30
Mode of servicing Sheet metal stamping	



Work material	
Material	Cold rolled carbon steel sheets and strip
Size	2.9 mm
Hardness	
Remark	
TD treated part	
Carbide	VC
Base metal	D2
Harness 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 D2 Ordinarily hardened
	Life and other evidences TD part 199,000 shots/life The part to be compared 500 shots/life
	Profit obtained through application of TD Process