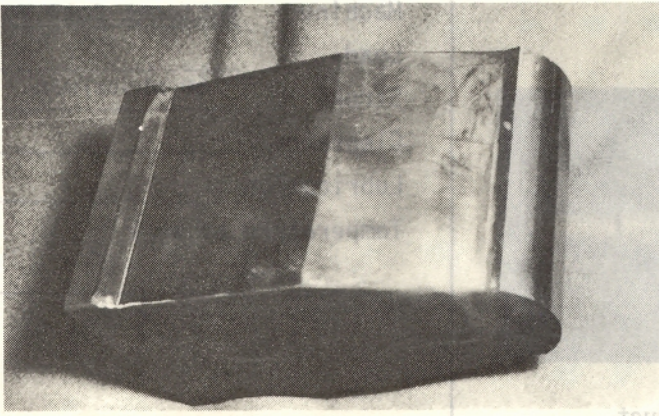
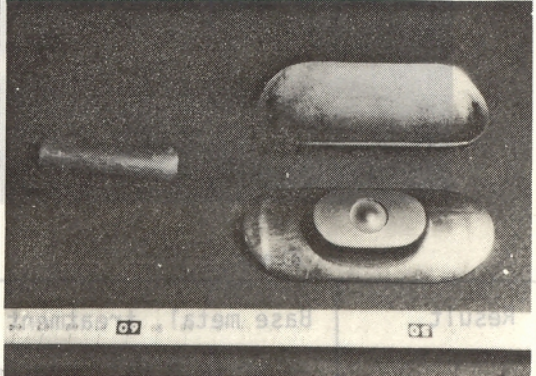


# TD Process Application to Dies and Jigs

TD Process  
Application Data  
No. - /

Die or Jig	Name	Forming punch						
	Category	Die (pressing, <u>cold forging</u> , hot forging, die casting, sand molding, powder compacting, rubber molding, plastic molding, glass casting) Cutting tool, Knife, Guide roller, Others ( )						
Material	Steel Code	M2	TD	Coating	VC	Treating Condition		
	Heat Treatment			Thickness		Substrate Hardness		
Sketch			Work		Material	Rolled carbon steel for general structure		
					Dimension	Hardness		
<p>Punch</p> 			<p>Sketch of Work</p> 					
			<p>Blank and product</p> <p>How It Is Worked</p>					
Evaluation			Effect			Working Condition		
Ordinarilly hardened			Increase of life			Machine	630 ton Press	
30,000 shots/Polishing			Reduction of maintenance cost			Load		
TD processed.			Saving of lubricants			Stroke	450 shots/min	
140,000 shots/Polishing			Increase of working rate			Speed		
			Others			Temperature	°C	
						Lubrication		
						Clearance		