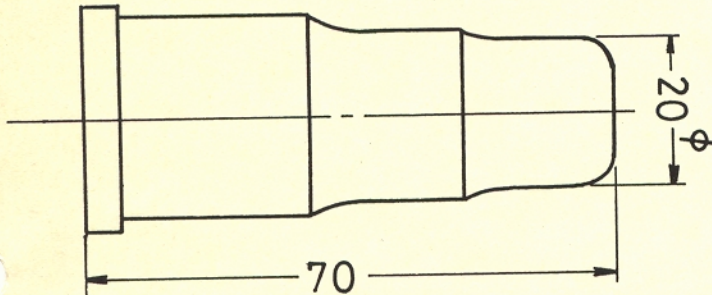


Die or Jig	Name	Forming punch					
	Category	Die (stamping, cold forging, hot forging, die casting, sand molding, powder compacting, rubber molding, plastic molding, glass casting) Cutting tool, Knife, Guide roller, (Others) (Pipe forming)					
Material	Steel Code	D2	TD	Coating	VC	Treating Condition	
	Heat Treatment			Thickness	μ	Substrate Hardness	HRC

Sketch of Die



Work

Material	304 Stainless		
Dimension	1.2t	Hard-ness	

Sketch of Work

How It Is Worked

Evaluation

D2 Hardened	2 shots, galling
D2 Chromium plating	1,000 shots life
Cemented carbide	7,000 shots life
D2 TD	20,000 shots life

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	