
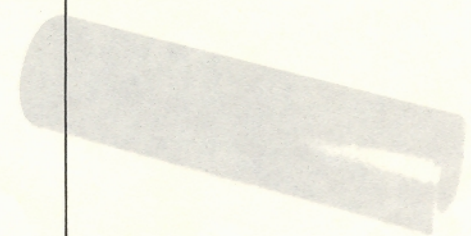
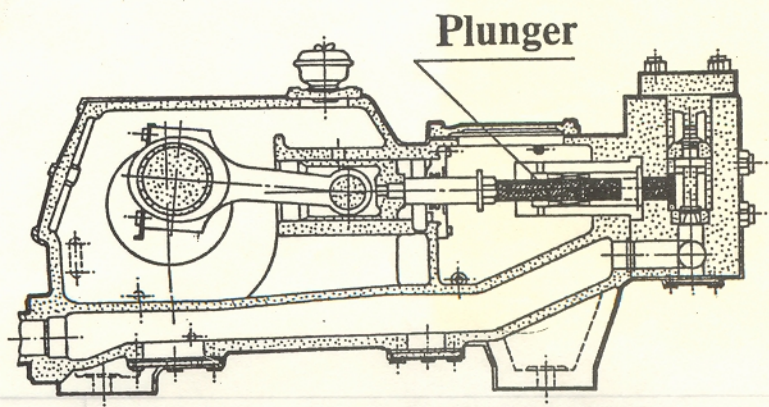


Die or Jig	Name	Plunger				Sleeve for plunger pump	
	Category	Pump				Category	
Material	Steel Code	VC	TD	Coating	VC	Treating Condition	Steel
	Heat Treatment	Hardened		Thickness		Substrate Hardness	Heat
Sketch				Work	Material	High pressure water	
					Dimension	Hardness	
<p><math>\phi 14 \times 250</math> mm</p> 				<p>Sketch of Work</p> 			
				How It Is Worked			
							
Evaluation		Effect		Effect		Working Condition	
M2 Hardened : 60,000 cycle		Increase of life		Increase of life		Machine	
D2 Chromium plated: 70,000 cycle		Reduction of maintenance cost		Reduction of maintenance cost		Load Pressure 3,500kg/cm <sup>2</sup>	
D2 CVD-Tic coated: 400,000 cycle		Saving of lubricants		Saving of lubricants		Stroke 100 mm	
D2 TD processed: 1,200,000 cycle		Increase of working rate		Increase of working rate		Speed 200 mm/sec	
		Others		Others		Temperature °C	
						Lubrication	
						Clearance	