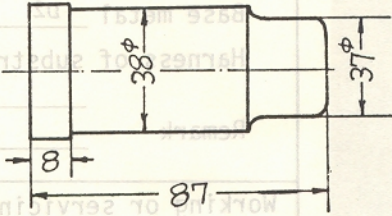
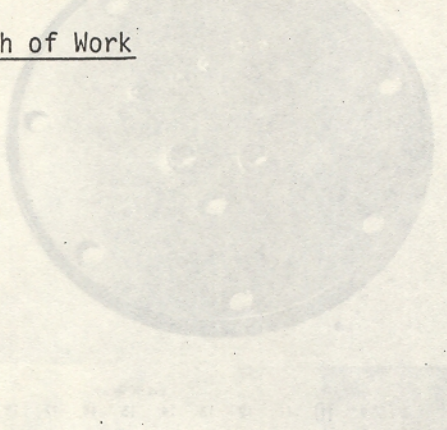
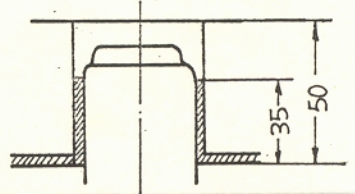


TD Process Application to Dies and Jigs

TD Process
Application Data
No. 74-A-13

Die or Jig	Name	Burring punch																													
	Category	Die (pressing cold forging, hot forging, die casting, sand molding, powder compacting, rubber molding, plastic molding, glass casting) Cutting tool, Knife, Guide roller, Others ()																													
Material	Steel Code	SKD11	TD	Coating	NbC	Treating Condition																									
	Heat Treatment	hardened		Thickness	μ	Substrate Hardness	HRC																								
Sketch of Die				<table border="1"> <tr> <td rowspan="2">Work</td> <td>Material</td> <td colspan="3">Cold rolled mild steel</td> </tr> <tr> <td>Dimension</td> <td>2 t</td> <td>Hardness</td> <td></td> </tr> </table>				Work	Material	Cold rolled mild steel			Dimension	2 t	Hardness																
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				<p>Sketch of Work</p> 																											
<p>How It Is Worked</p> 																															
Evaluation				<table border="1"> <tr> <th>Effect</th> <th colspan="2">Working Condition</th> </tr> <tr> <td>• Increase of die life</td> <td>Machine</td> <td></td> </tr> <tr> <td>• Reduction of maintenance cost</td> <td>Load</td> <td></td> </tr> <tr> <td>• Saving of lubricants</td> <td>Stroke</td> <td></td> </tr> <tr> <td>• Increase of working rate</td> <td>Speed</td> <td></td> </tr> <tr> <td>• Others</td> <td>Temperature</td> <td>°C</td> </tr> <tr> <td></td> <td>Lubrication</td> <td></td> </tr> <tr> <td></td> <td>Clearance</td> <td></td> </tr> </table>				Effect	Working Condition		• Increase of die life	Machine		• Reduction of maintenance cost	Load		• Saving of lubricants	Stroke		• Increase of working rate	Speed		• Others	Temperature	°C		Lubrication			Clearance	
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