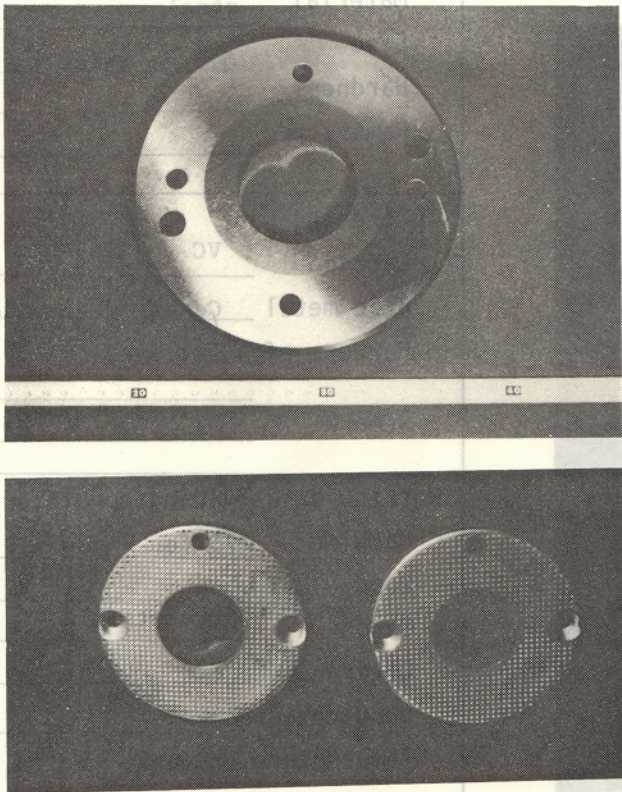


APPLICATION DATA

Name of part Shaving die	Source K. Iwai Symposium in the Japan Soc. for Technology of plasticity 3 June, 1980	
Mode of servicing Sheet metal stamping		

	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> Work material Material Cold rolled mild steel Size 5.5 mm thick Hardness _____ Remark _____ </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> TD treated part Carbide VC Base metal Cemented carbide Harness of substrate _____ Remark _____ </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> Working or servicing condition Machine 25 ton Press Load _____ Stroke 50 shots/min. Clearance _____ Lubrication _____ Temperature of work _____ </div>
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Result	Base metal, treatment and hardness of the part to be compared <div style="text-align: center;">Cemented carbide</div>	Result
	Life and other evidences <div style="margin-left: 20px;"> TD part 6,800 shots/polish The part to be compared 2,200 shots/polish </div> Profit obtained through application of TD Process <div style="margin-left: 20px;"> Re-coating was made 3 times </div>	