


Die or Jig	Name	Seaming roll						
	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 (machine parts)						
Material	Steel Code	440C	TD	Coating	VC	Treating Condition		
	Heat Treatment	Q.T.		Thickness	μ	Substrate Hardness	H _{RC}	
<u>Sketch</u> 				Work	Material	Aluminum		
					Dimension		Hardness	
				<u>Sketch of Work</u>				
				<u>How It Is Worked</u>				
<u>Evaluation</u>		<u>Effect</u>			<u>Working Condition</u>			
3 times life improvement in comparison with hardened roll. Sticking of aluminum: 400,000 cans/repair.		○ Increase of die life ○ Reduction of maintenance cost • Saving of lubricants • Increase of working rate • Others			Machine			
					Load			
					Stroke			
					Speed			
					Temperature	°C		
					Lubrication			
					Clearance			