TD Process Application to Dies and Jigs

TD Process
Application Data
No. 74-A-13

									Name of pari	
	Name Burring punch					K. Iwai		Burring punch		
Die or Jig	Die (pressing) cold forging, hot for powder compacting, rubber molding, Cutting tool, Knife, Guide roller,						orging, die casting, sand molding, plastic molding, glass casting)			
Mate- rial	Steel Code Heat Treatment		SKD11		Coating	Nb		ating dition		
				TD	Thickness		Sub	strate	RC	
Sketch (of Die_		Remark			Work	Material		lled mild ste	
							Dimensio		Hard- ness	
						Sket	ch of Wor	<u>k</u>		
		u ib	Base IIII.				1			
	strate	due fo	33	7						
		8 -	Remark							
i on	ding conditi	-	NOVE THE OF				1			
			Machine							
						\$ 10	5 3 4			
ClearanceLubrication						How	It Is Wor	ked		
			Temperatu							
							7			
							namma		35-	
					and hardnes	tment		Base me	Result	
		,			hardened			D2	•	
Evaluation							dther ev	Working	Condition	
SKDL	l hardened:	Repa	ired after 500 s	2 00	Increase		e life Ma	chine		
TD : Usable after 20,000 st					Reduction	nce c	ost Lo	The ba		
					·Saving of			roke		
					Increase	Increase of working Speed for Temperature °(
					·Others					
					0 01101 5		-	brication		
							C1	earance		

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