TD Process Application to Dies and Jigs

TD Process
Application Data
No. 8F-2 -1/1

Cropping knife Name Die (pressing, cold forging) hot forging, die casting, sand molding, Die powder compacting, rubber molding, plastic molding, glass casting) or Category Jiq Cutting tool, Knife, Guide roller, Others (AISI D2 Treating Coating VCOOT Steel Code Condition Mate-TD Substrate rial Thickness HRC Heat Treatment Hardened Hardness Cr-Mo carburizing steel Material -100-Sketch of Die Work Dimension 27,1 o* Hard-* cold drawing Sketch of Work 28 ¢ →27.1¢ Sketch of Work 38 Upper knife How It Is Worked Upper knife \$28° Guide Lower knife Stopper Bar steel 475-Lower knife Working Condition Effect Evaluation life Life of knife Increase of Machine 300T. Press D2 Hardened knife 20,000 Reduction of 30 Ton Load maintenance cost 86,000 still in D2 TD treated knife 105 Stroke service mortoubes. ·Saving of lubricants ·Increase of working Speed ating) stopper star °C Temperature ·Others Lubrication Machine oil Clearance 1 mm

Recorded by