

INFLUENCES OF SHIM MATERIALS ON THE SURFACE QUALITY DURING THE HARD TURNING

WALID MAHMOUD SHEWAKH

Department of Industrial Engineering, Faculty of Engineering, Jazan University, Saudi Arabia

ABSTRACT

In this investigation, an attempt is made to show the influence of shim materials on the surface quality during hard turning of bearing steel. Using shims made of natural and composite materials to enhance the damping properties of the ceramic inserts holding systems, surface roughness is being evaluated.

KEYWORDS: Surface Roughness, Machining, Shim Materials