



Analysis of the valve seat machining process

Motivation

Study a manufacturing route for valve guide seats and the influences of the machinability of the material of the valves on the process.

Objective

To evaluate the influence of material and cutting parameters in the machinability of guide seats.

Approach

In this study were analyzed factors of the machinability: the chip morphology, the cutting forces and the tool life – executed by changing cutting parameters and tool geometry.



Contact: +55 (12) 3947-6948

Praça Marechal-do-Ar Eduardo Gomes - Vila das Acacias
São José dos Campos - SP, 12228-900

Project Responsible: Prof. Dr. Anderson Borille