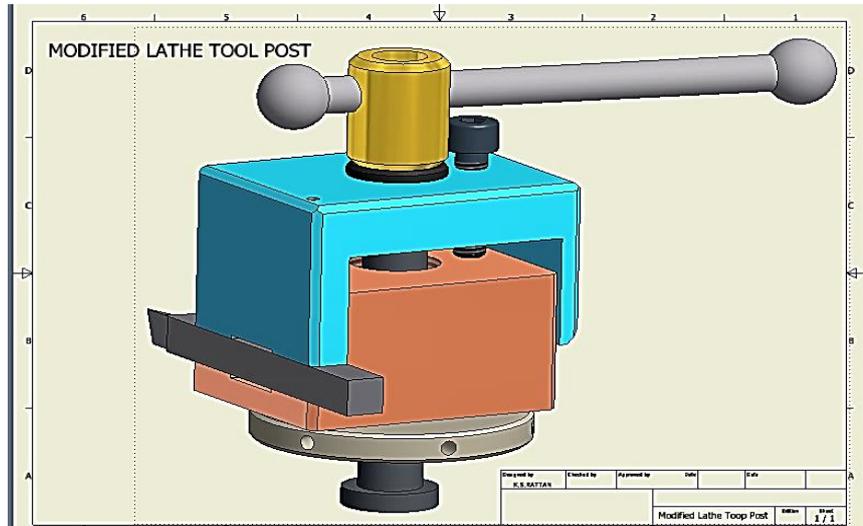


Modified Lathe Tool Post

Introduction

The Modified Lathe Tool Post is a device used to hold the tool bit while turning on lathe machines. This tool post comes under the category of Quick-Change Tool Posts. It has six main components viz. central screw,



height adjusting screw, main body, cover, nut with handle and cover levelling screw. The tool bit is held between main body and the cover. The cover is kept horizontal with the help of a cover levelling screw provided on the top of the cover. The tool tip is brought to the center of the job by rotating height adjusting screw clockwise or anticlockwise and afterwards is tightened by the nut with handle provided on the top. This way the tool bit as well as whole tool post is gripped with the carriage of the lathe machine. To take out the tool bit, just rotate the nut with handle anticlockwise, the tool bit will be loose and similarly for re-tightening, just rotate the nut with handle in clockwise direction.

Features

- The Modified Lathe Tool Post is a device used to hold the tool bit while turning on lathe machines.
- This tool post comes under the category of Quick-Change Tool Posts.

Applications

The operator does not tire while working on lathe machine with this tool post. It is most useful for light industry as well as training centres.

Status

Technology ready for commercialisation.