

Experiment No. 10

Statement:

Demonstration of lathe machine operations (Chamfering, Drilling, Boring).

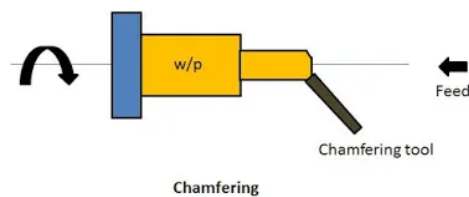
Apparatus:

1. Lathe Machine
2. Machining Tools

Theory:

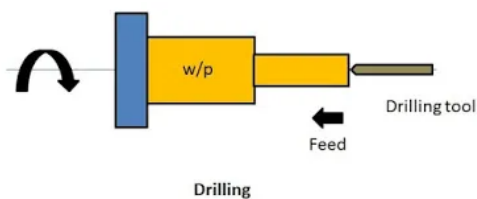
1. Chamfering

Chamfering is the process of beveling the extreme ends of a workpiece. It is done in order to remove the burrs, to protect the end of the workpiece from being damaged and to have a better look.



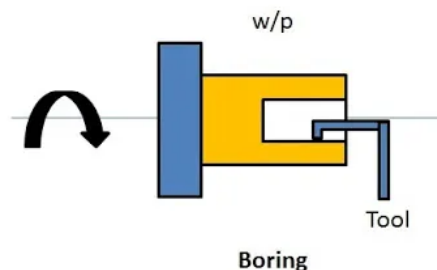
2. Drilling

It is the process of making holes in the workpiece by the use of drills. The drill is held in the tailstock and the drilling operation is done by advancing the drill in the workpiece by rotating the handle of the tailstock.



3. Boring

The process of removing material from hole of the workpiece is called boring. Holes are bored with the help of single point cutting tool.



Conclusion:

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.
