#### METAL CUTTING - GATE

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## **Metal Cutting**

1.1	Elements of Machine Tool
1.2	Metal cutting
1.3	Terms of Turning tool
1.4	Nose radius
1.5	Tool signature
1.6	Metal cutting process
1.7	Distribution of Heat
1.8	Types of chips

1.9	Merchant's analysis for chip formation
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1.12	Types of tool wear
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### Shaping and planning

# Grinding

## Finishing operations

### Drilling

5.1 Introduction

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5.2 Drill geometry

# Boring

# Reaming and Reamers

## Trepanning

### **Counter Boring**

### Counter Sinking

## Milling

## Jigs and fixtures

## Lathes and Lathe operations

13.1 Principal of Location