

Assignment of Basic Machine Shop

Topic: 1 Lathe Construction

1. Explain the Working of Centre Lathe Machine and its parts.
2. Describe the Types of Lathe Machines (Capstan Lathe, Turret Lathe, CNC Lathe)

Topic: 2 Cutting Tools for Lathe Machine

Explain each:-

1. Single Point Cutting Tool
2. Single Knurling Tool
3. Compound Knurling Tool
4. Threading Tool
5. Parting Tool

Topic: 3 Precision Measuring Tool

Describe Vernier Caliper, and its Applications.

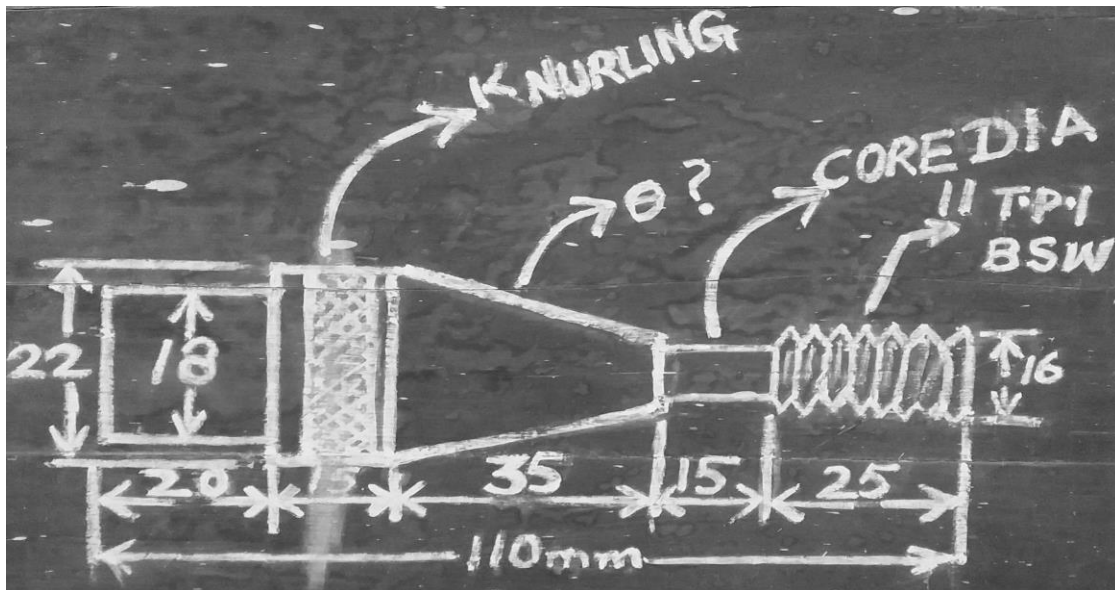
Topic: 4 Lathe Operations

Describe the Lathe / Manufacturing Operations given below:-

1. Facing
2. Step Turning
2. Straight Turning
4. Core Dia (Thread Dia)
5. Taper / Angular Turning
6. Knurling
7. Threading

Topic: 5 Work Piece / Job

Explain the Procedure of Making a Work Piece / Job.



- Reference Book:**
1. Workshop Technology by A.W. J. Chapman
 2. Manufacturing Processes by R.B. Gupta...