

**THE HONG KONG POLYTECHNIC UNIVERSITY**  
**INDUSTRIAL CENTRE**  
**Machining & Metrology Unit**  
**Machining Practice I (Turning)**

NAME: \_\_\_\_\_

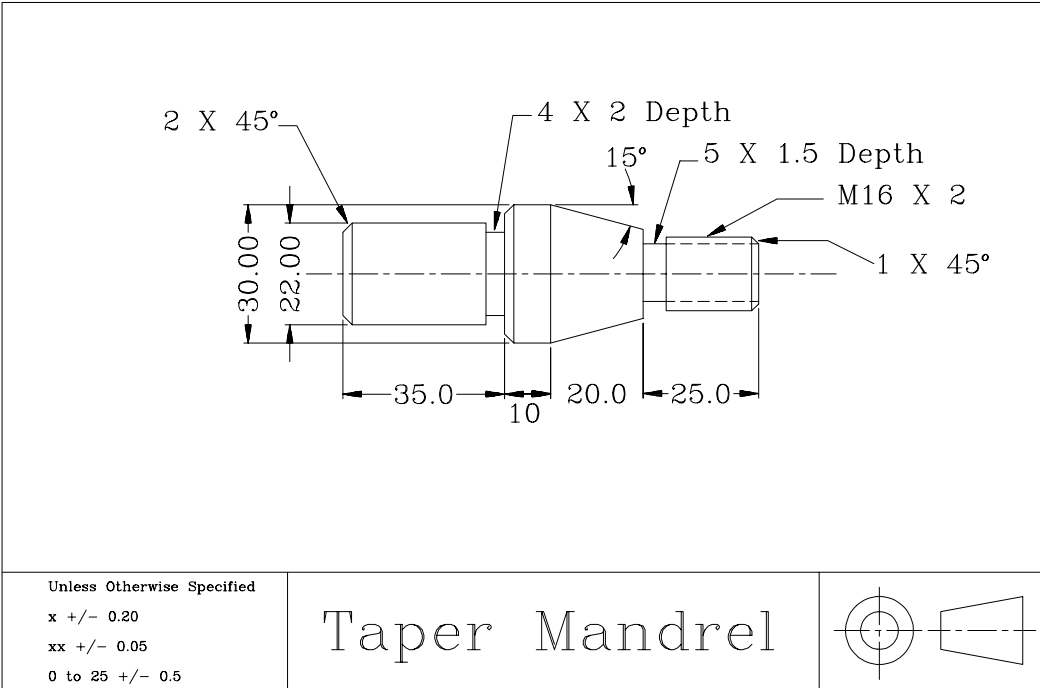
CLASS / GROUP: \_\_\_\_\_

Material:-  
Mild Steel  $\phi 32 \times 93$

Cutting Tools:-  
R.H.S. Turning Tool  
Parting Off Tool  
 $45^\circ$  Form Tool  
Screw Cutting Tool

Machine Accessories:-  
Tailstock Centre  
3 Jaws Chuck  
Compound Slide

Measuring Equipment:-  
Outside Calipers  
Steel Rule  
Vernier Calipers  
Thread Angle Gauge  
Pitch Gauge



**OPERATION PLANNING SHEET**

Job Title: TAPER MANDREL

Date: \_\_\_\_\_

Sequence No.	Description	Tooling / Equipment	Speed	Remark
1.	Prepare the material	---	---	Mild Steel ( $\phi 32 \times 93$ )
2.				
3.				