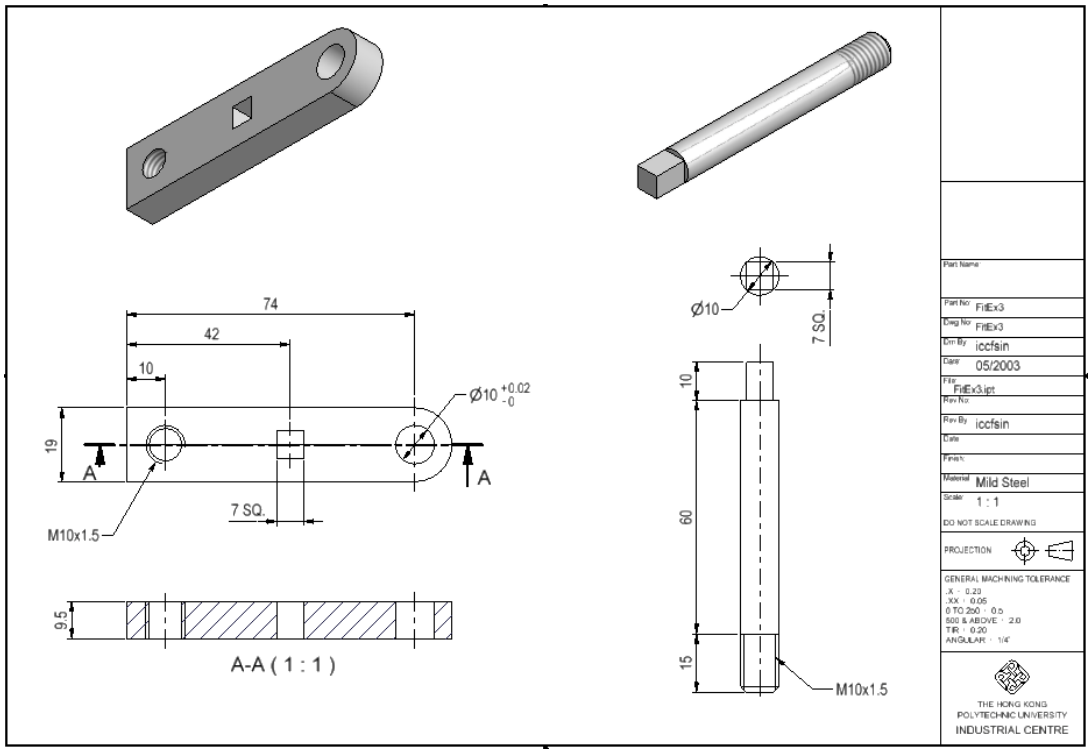
THE HONG KONG POLYTECHNIC UNIVERSITY
INDUSTRIAL CENTRE

Metal Cutting Unit

Student Name: _____ Class / Group: _____ Date: _____



Material:
Mild steel

Tooling
Files
Hack-saw
Hand Tap --
M10 x 1.5mm
Tap Wrench
Split Die --
M10 x 1.5mm
Hand Reamer
10mm
Divider
Center Punch
Hammer
Drills

Measuring
Tools:
Venire Calipers
Venire Height Gauge
Engineer's Square

Operation Planning Sheet

Job Title: Fitting & Assembly

Sequence No.	Description	Tools	Speed (rpm)	Remarks