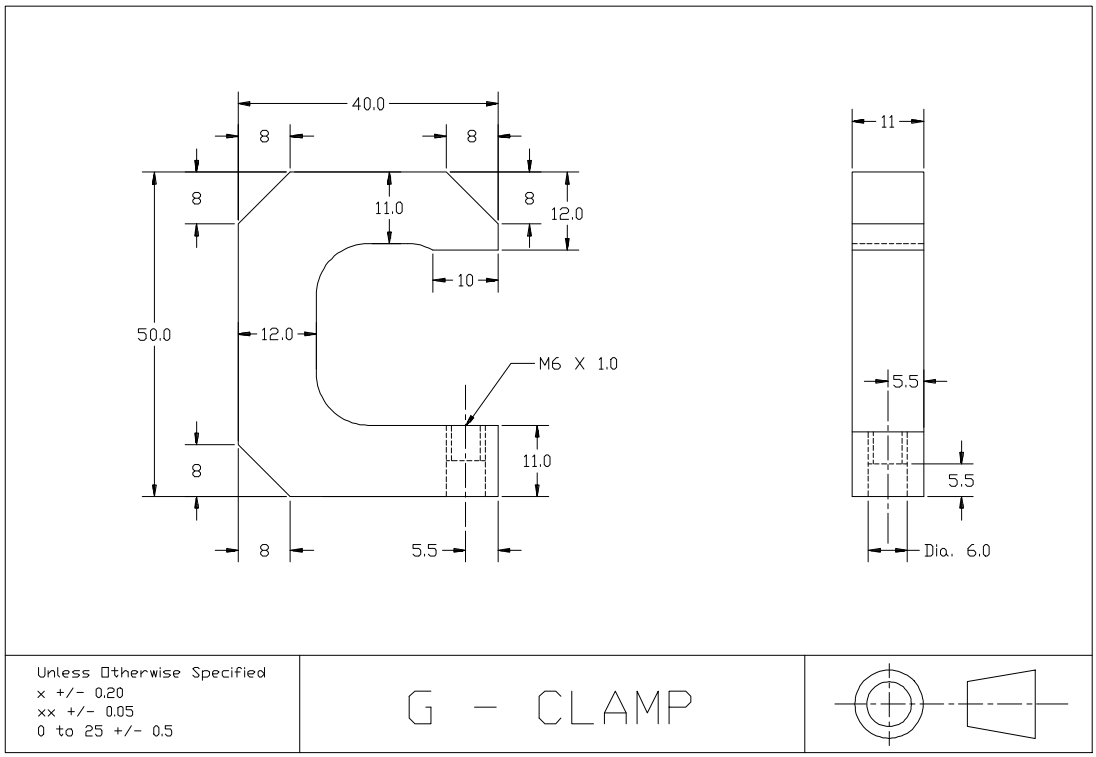
THE HONG KONG POLYTECHNIC UNIVERSITY
INDUSTRIAL CENTRE
Metal Cutting Unit
Introduction to Milling



STUDENTS NAME:

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CLASS / GROUP:

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MATERIAL:-
Mild Steel (50 X 50 X 12.7)

MACHINE TYPE:-
Vertical Milling Machine

CUTTING TOOLS:-
End Mill 16 mm Dia.

MACHINE ACCESSORIES:-
Machine Vice
Parallel Bar
Round Bar
Hide Face Hammer
Vee -- Block

MEASURING QUIPMENT:-
Steel Rule
Venire Calliper
Venire Height Gauge
Digital Readout

OPERATION PLANNING SHEET

Job Title: G-CLAMP Date:

Sequence No.	Description	Tooling / Equipment	Speed	Remark
1.	Prepare the material	----	----	Mild Steel (50 X 52 X 12.7)
2.	Milling the 1st surface			
3.				