DRAW OR SKETCH EACH LINE STYLE IN THE SPACE BELOW THE EXAMPLE.

VISIBLE LINE

HIDDEN LINE

CENTER LINE

CUTTING PLANE

CUTTING PLANE

SHORT BREAK LINE

SECTION LINE

DIMENSION & EXTENSION LINES

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IDENTIFY EACH OF THE FOLLOWING LINE STYLES SHOWN IN THE FIGURE AT THE RIGHT.

A _____

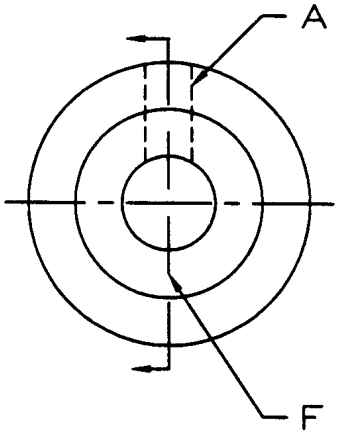
B _____

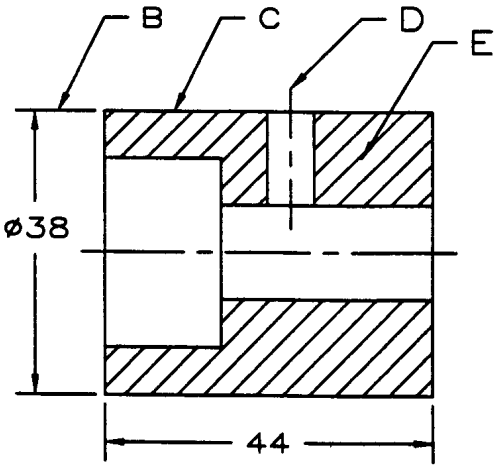
C _____

D _____

E _____

F _____

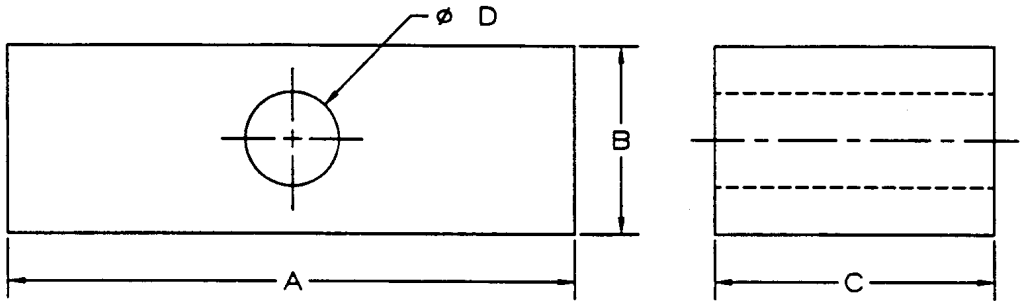




Name: ..... ID:..... Pin code:.....	INTRODUCTION TO ENGINEERING GRAPHICS	1/4

USE THE METRIC SCALE AND MEASURE THE DISTANCES A, B, C, AND D IN THE TWO–VIEW DRAWING SHOWN BELOW. BE SURE TO LETTER YOUR ANSWER.

	A(cm)	B(mm)	C(cm)	D(mm)
1. 1:10	.....	.....	.....	.....
2. 1:1	.....	.....	.....	.....
3. 1:2	.....	.....	.....	.....



DRAW THE FOLLOWING LINES LISTED BELOW USING THE SPECIFIED SCALES. A STARTING POINT IS GIVEN FOR EACH PROBLEM.

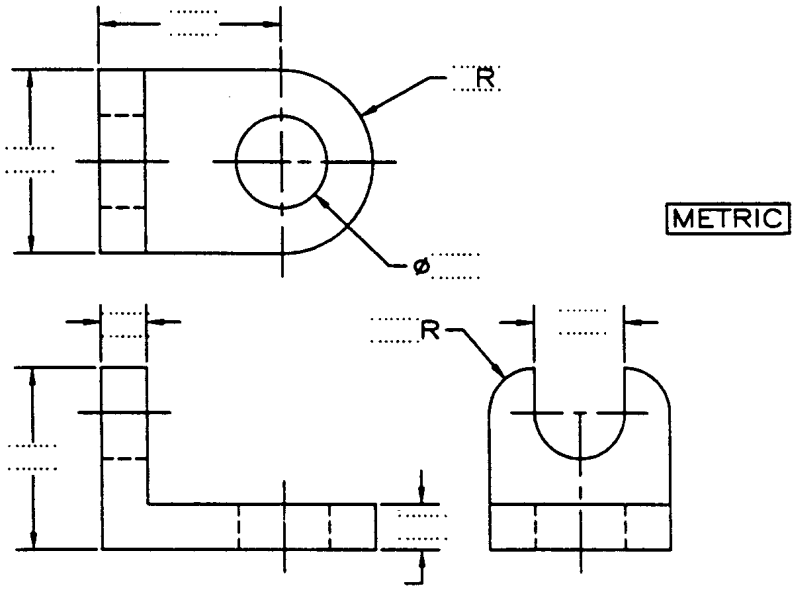
4. 45mm SCALE 1:1 ⊢

5. 3.1cm SCALE 1:1 ⊢

6. 98mm SCALE 1:2 ⊢

7. 6.6cm SCALE 1:2 ⊢

DIMENSION THE BRACKET BELOW. USE YOUR METRIC SCALE. SCALE 1:1



METRIC

Repeat each Letter on the grid, Pay attention to the proportions and stroke directions.

A M Y
B N Z
C O a
D P b
E Q c
F R d
G S e
H T f
I U g
J V h
K W i
L X j

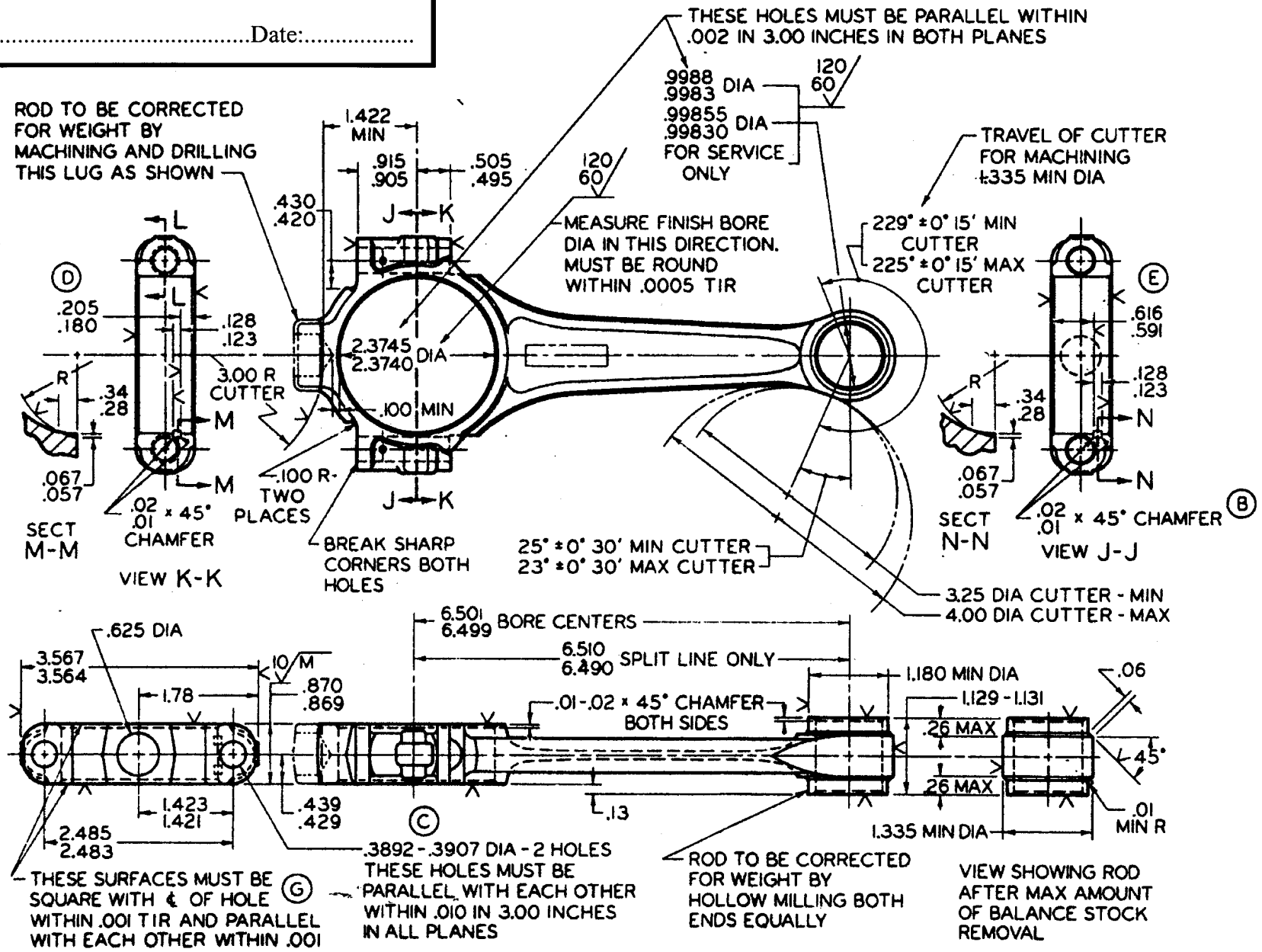
k u 1 2 3 4 5 6 7 9 0
l v
m w *1 2 3 4 5 6 7 9 0*
d x
o y 1 2 3 4 5 6 7 9 0
p z
q Thammasat University
r
s *Thammasat University*
t

Name: ……
ID:……..… Pin code:…… **Plate no. 3/4**

ME111-Engineering Graphics I: Plate : Lettering

Name.....Pin No. .....

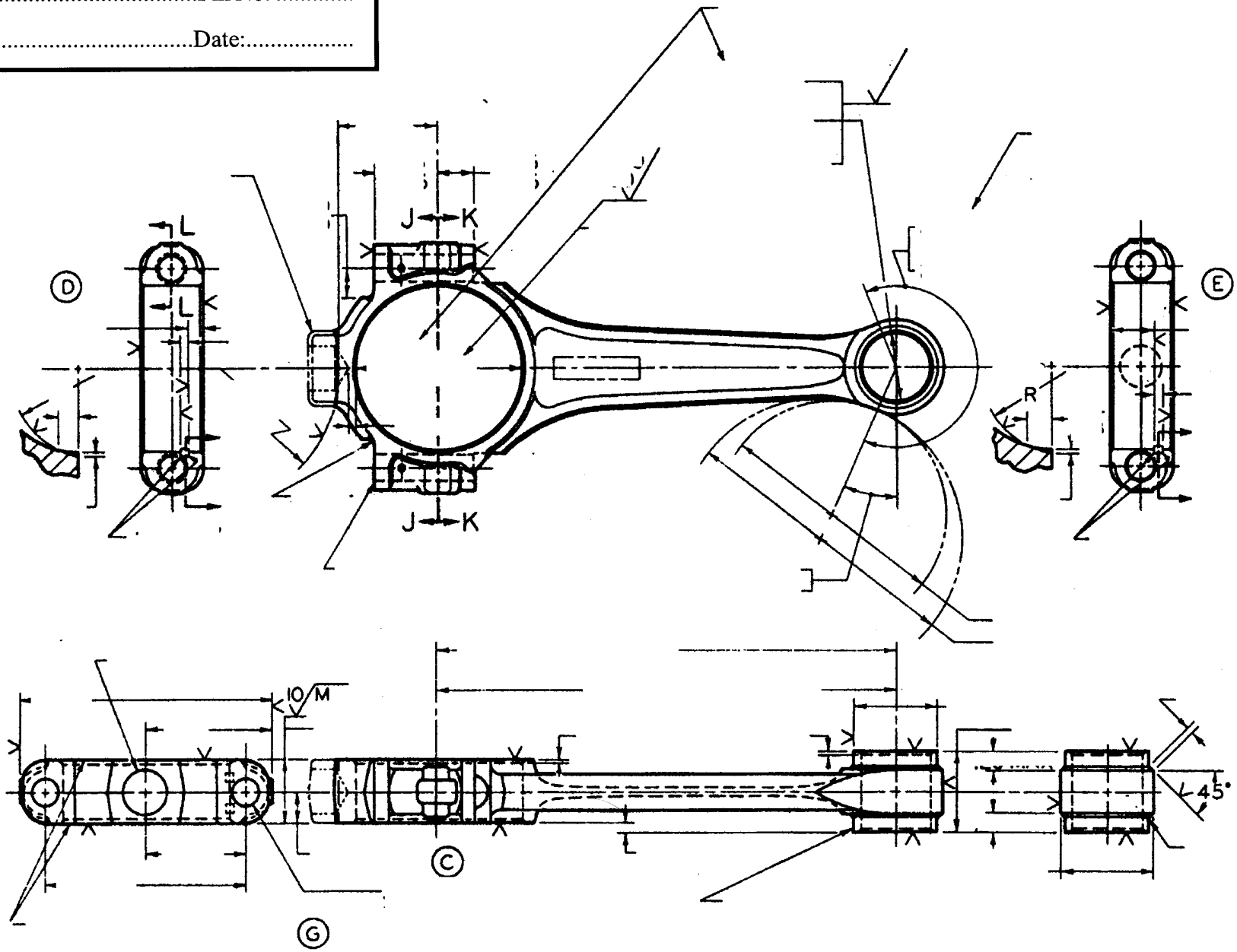
ID.No.....Date:.....



Detail Drawing of Connecting Rod

ME111-Engineering Graphics I: Plate : Lettering

Plate no. 4/4

Name.....Pin No. .....

ID.No.....Date:.....