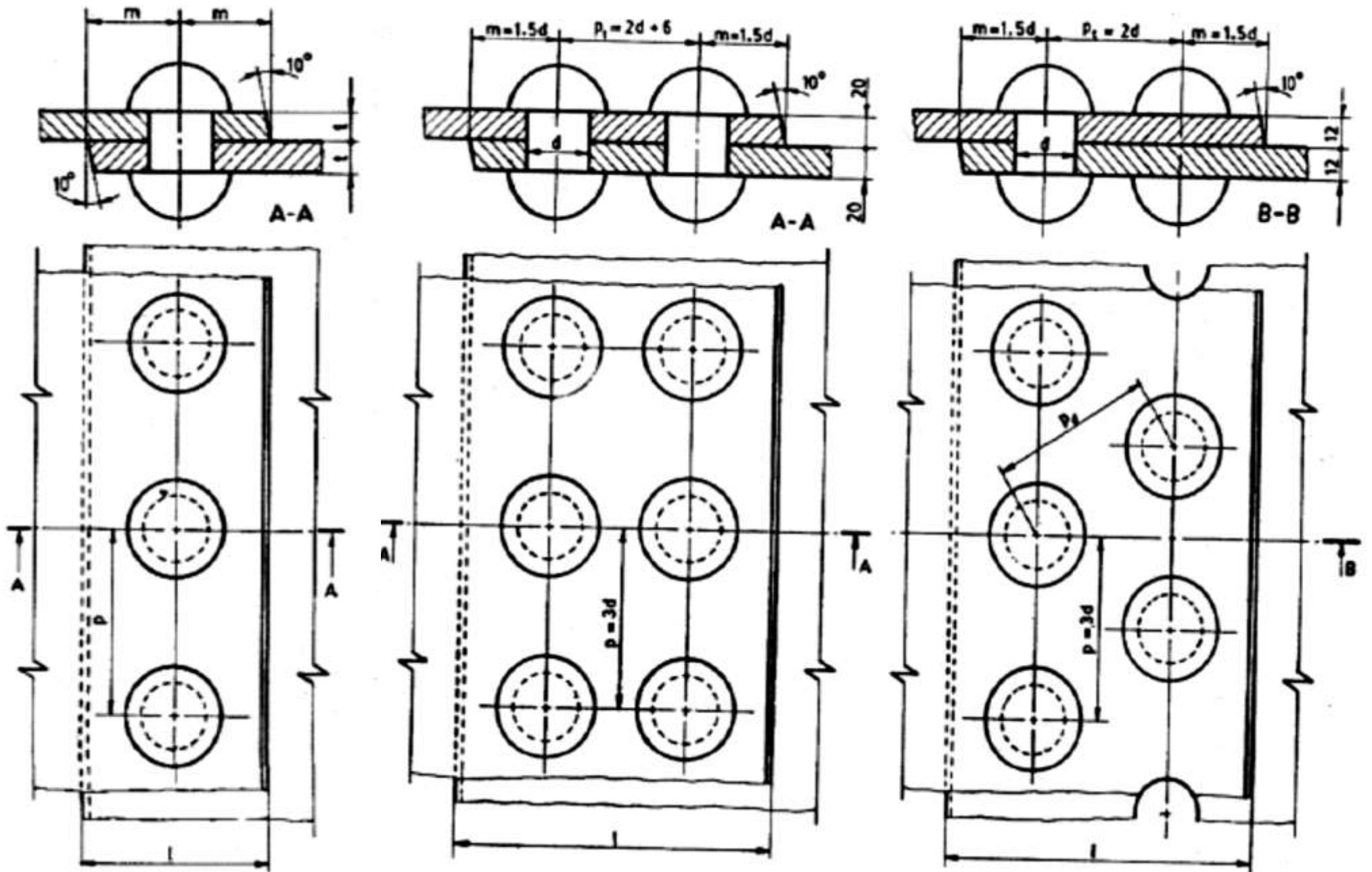





Module-3

1. Riveted joints

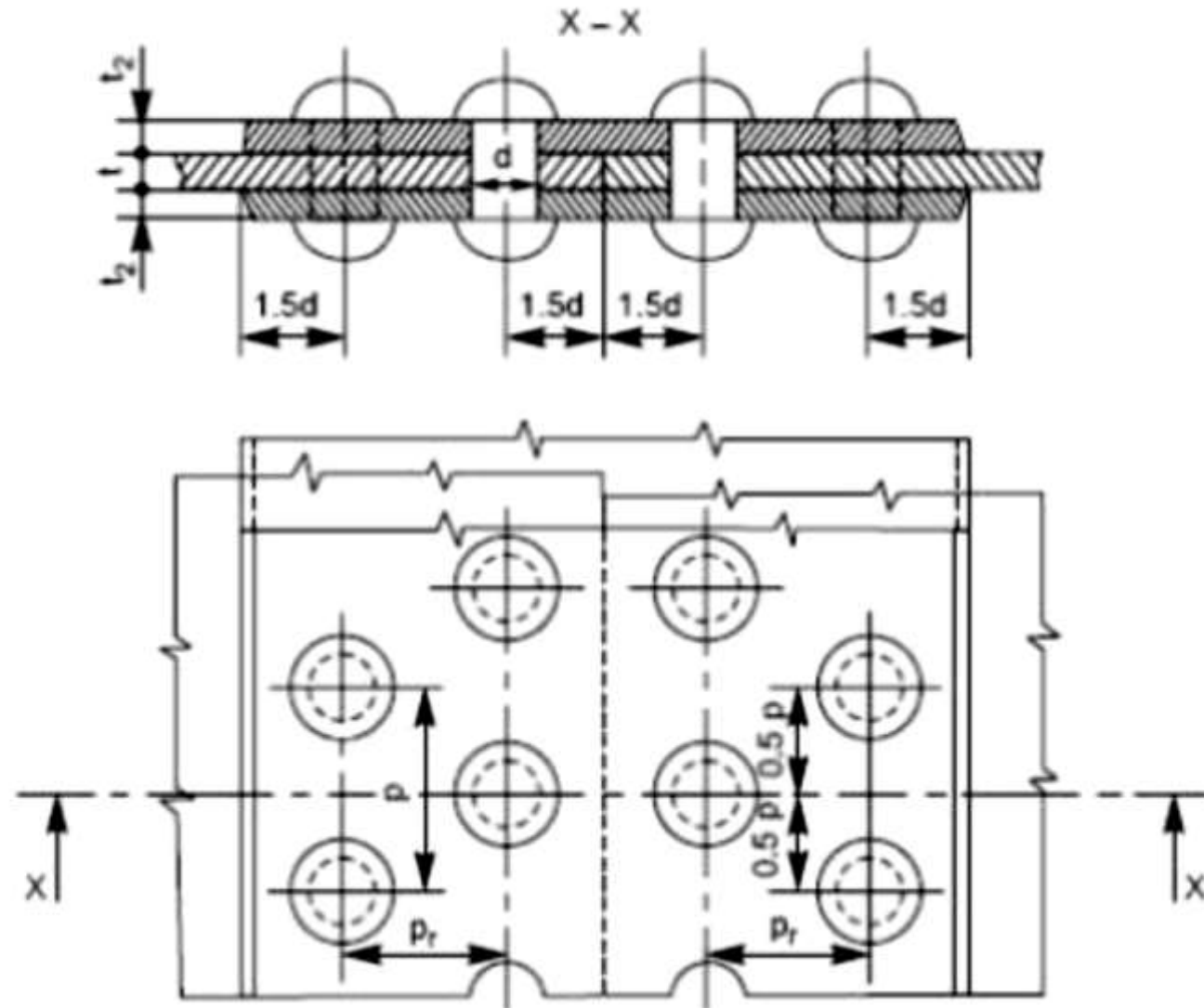


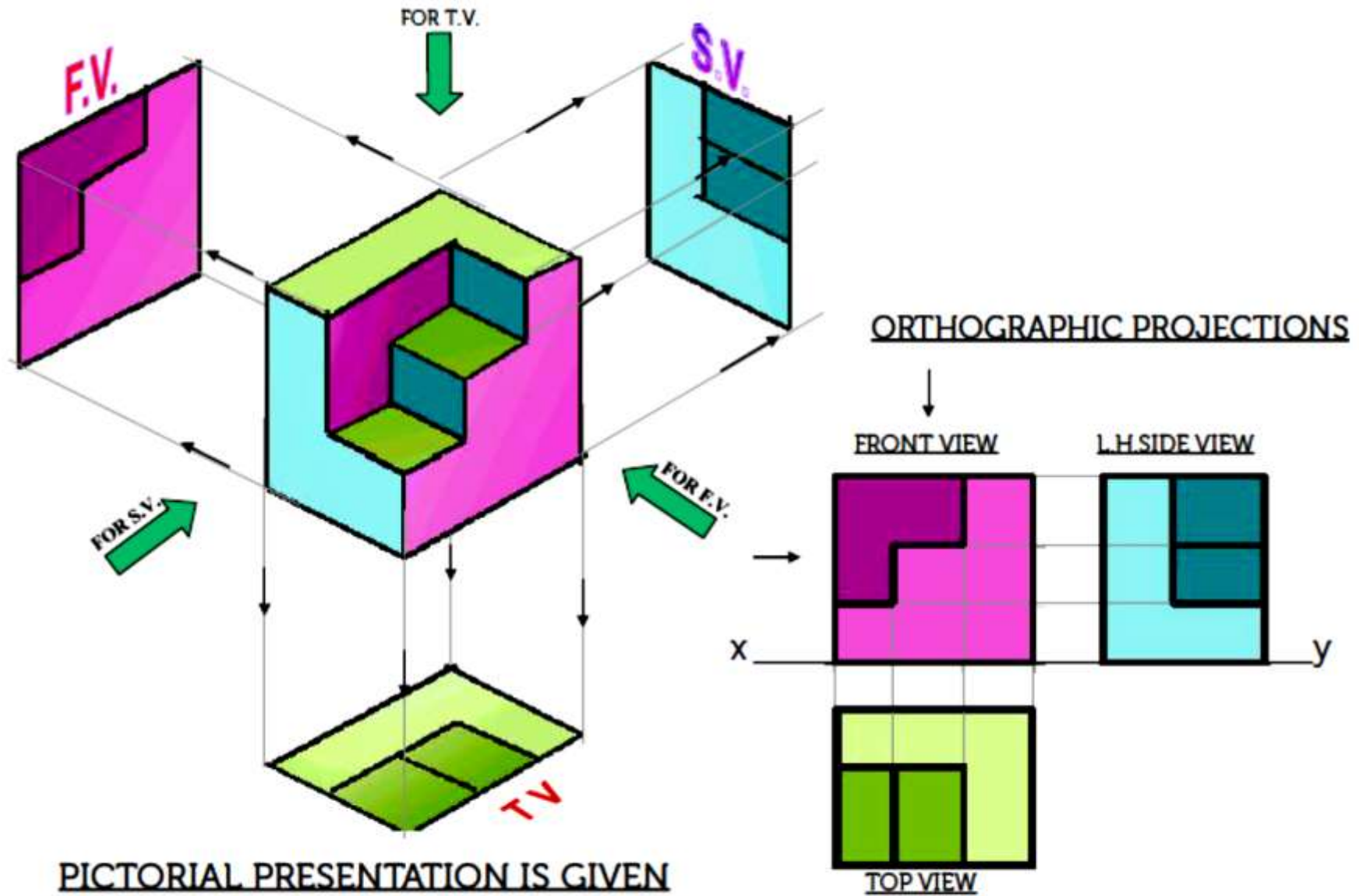


Butt Joint: In this type of joint, the plates are brought to each other without forming any overlap.

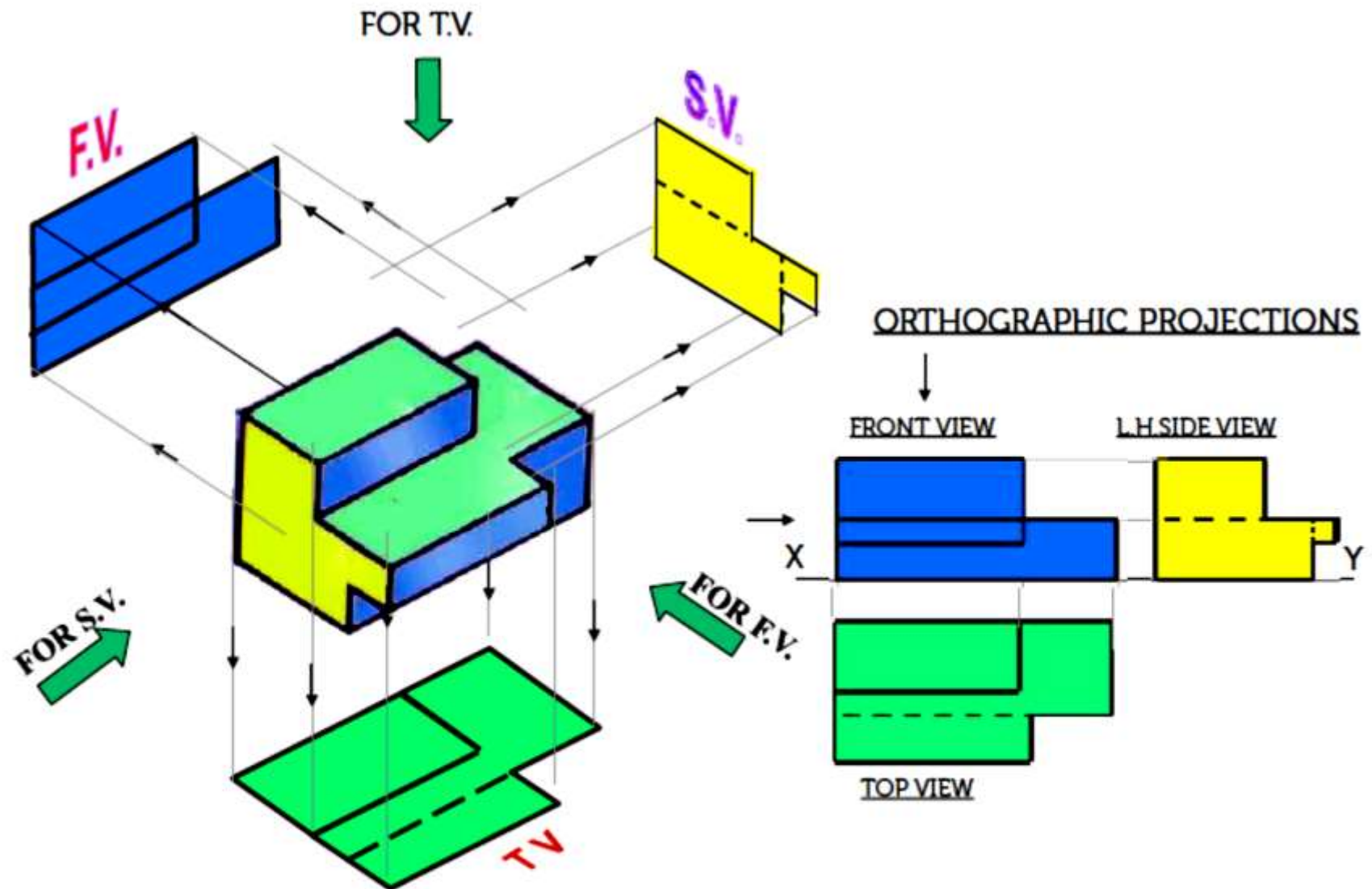
Riveted joints are formed between each of the plates and one or two cover plates. Depending upon the number of cover plates the butt joints may be single strap or double strap butt joints.

Double riveted, double strap zig zag butt joint

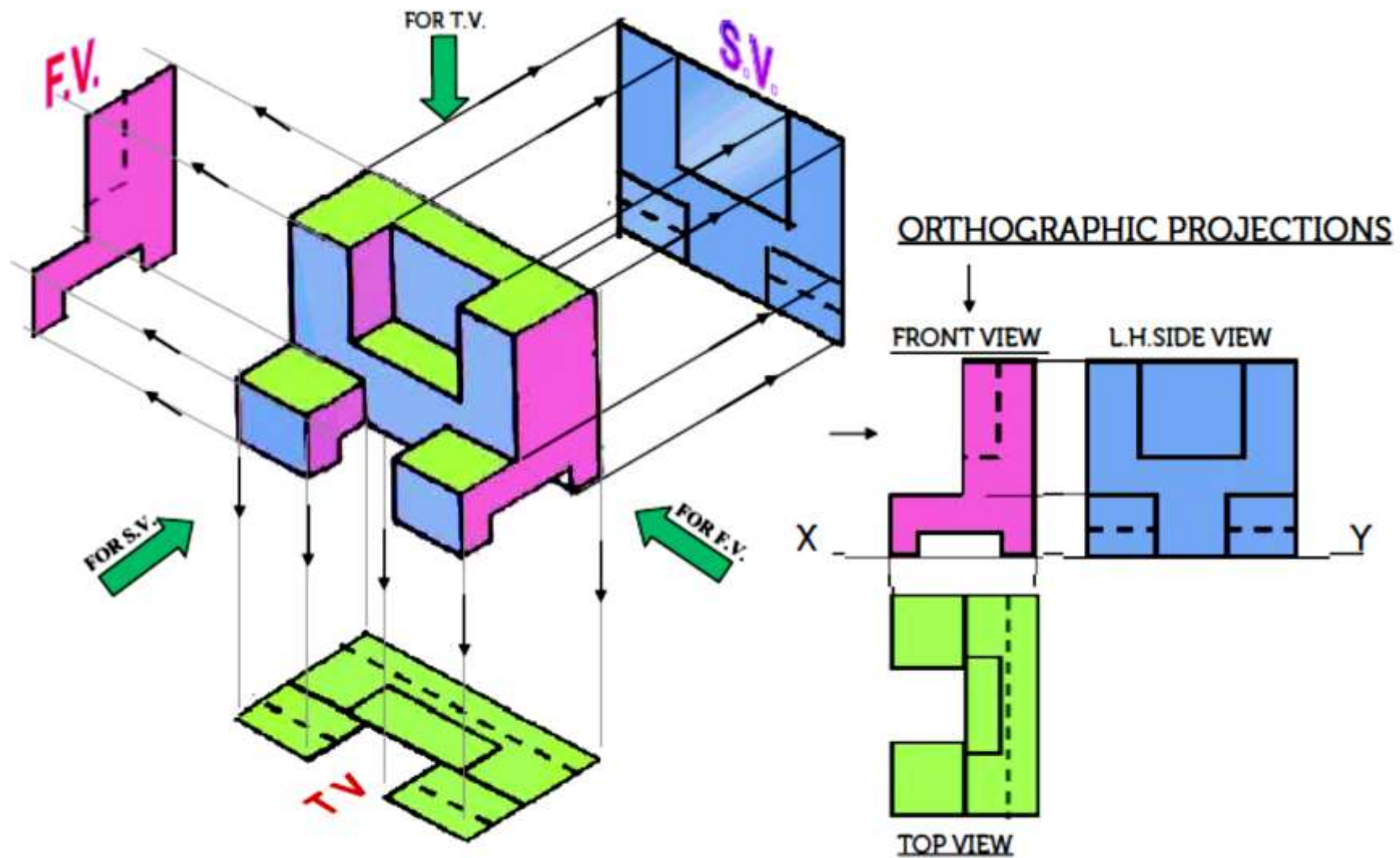




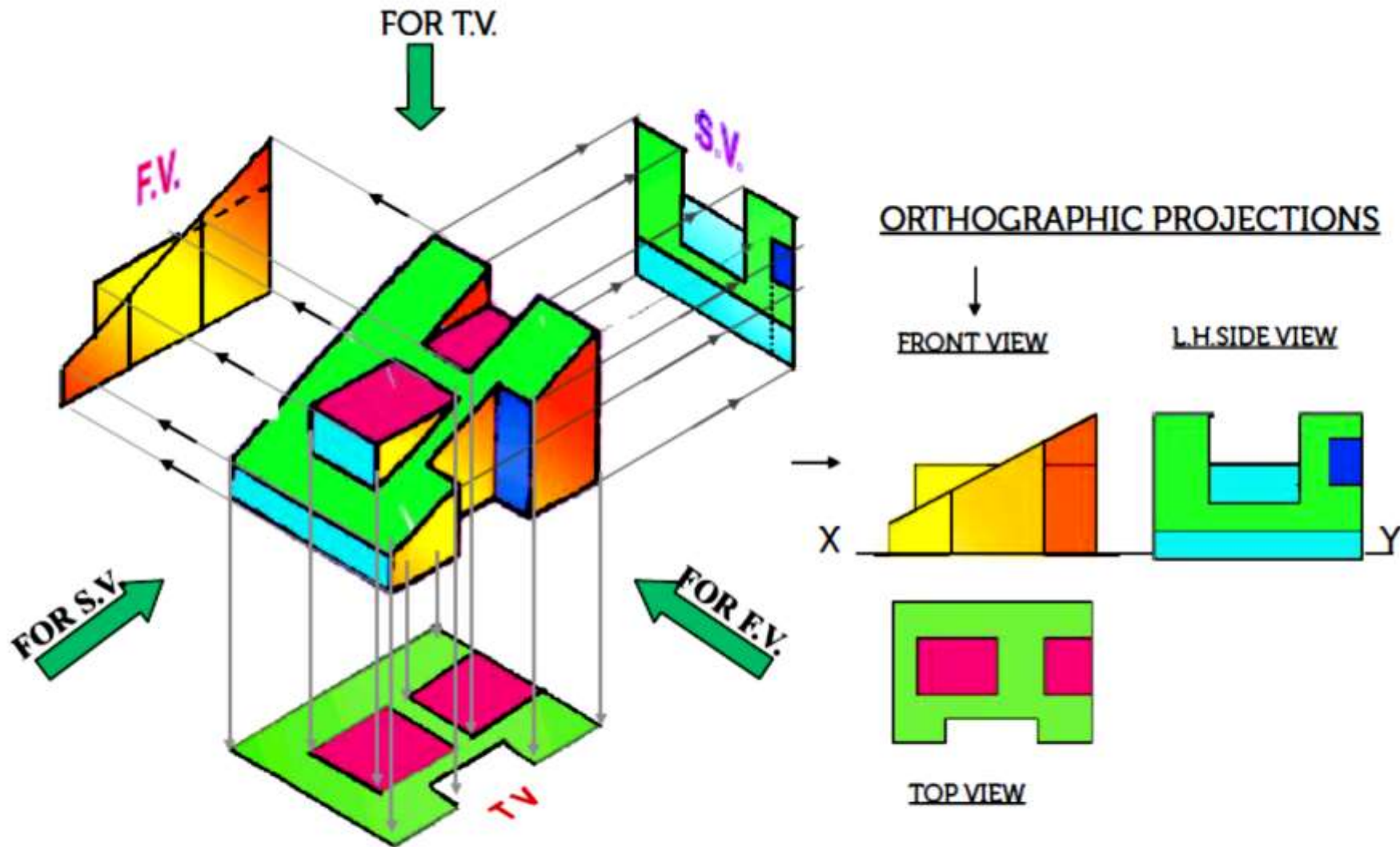
PICTORIAL PRESENTATION IS GIVEN
DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD



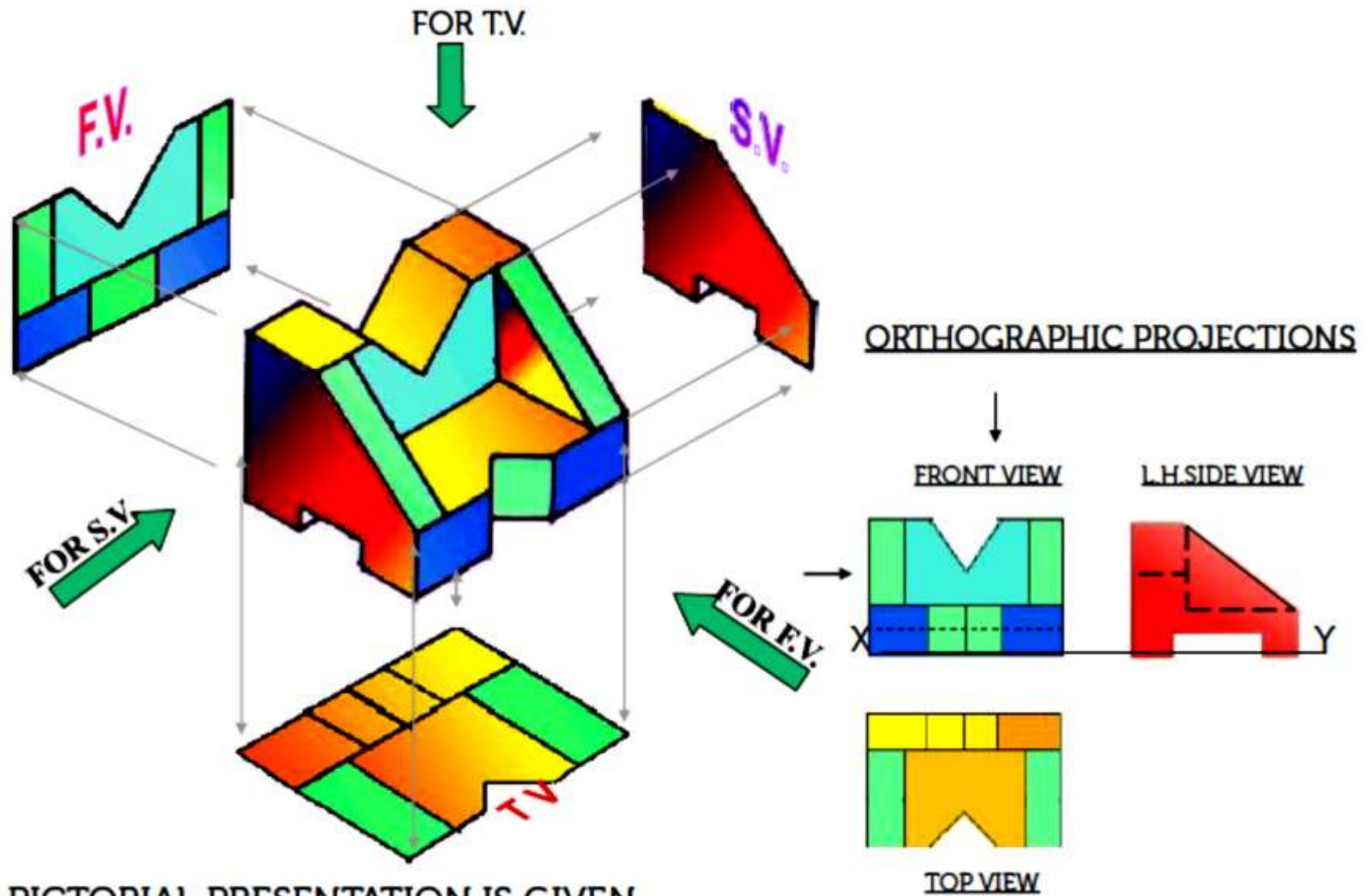
PICTORIAL PRESENTATION IS GIVEN
**DRAW THREE VIEWS OF THIS OBJECT
 BY FIRST ANGLE PROJECTION METHOD**



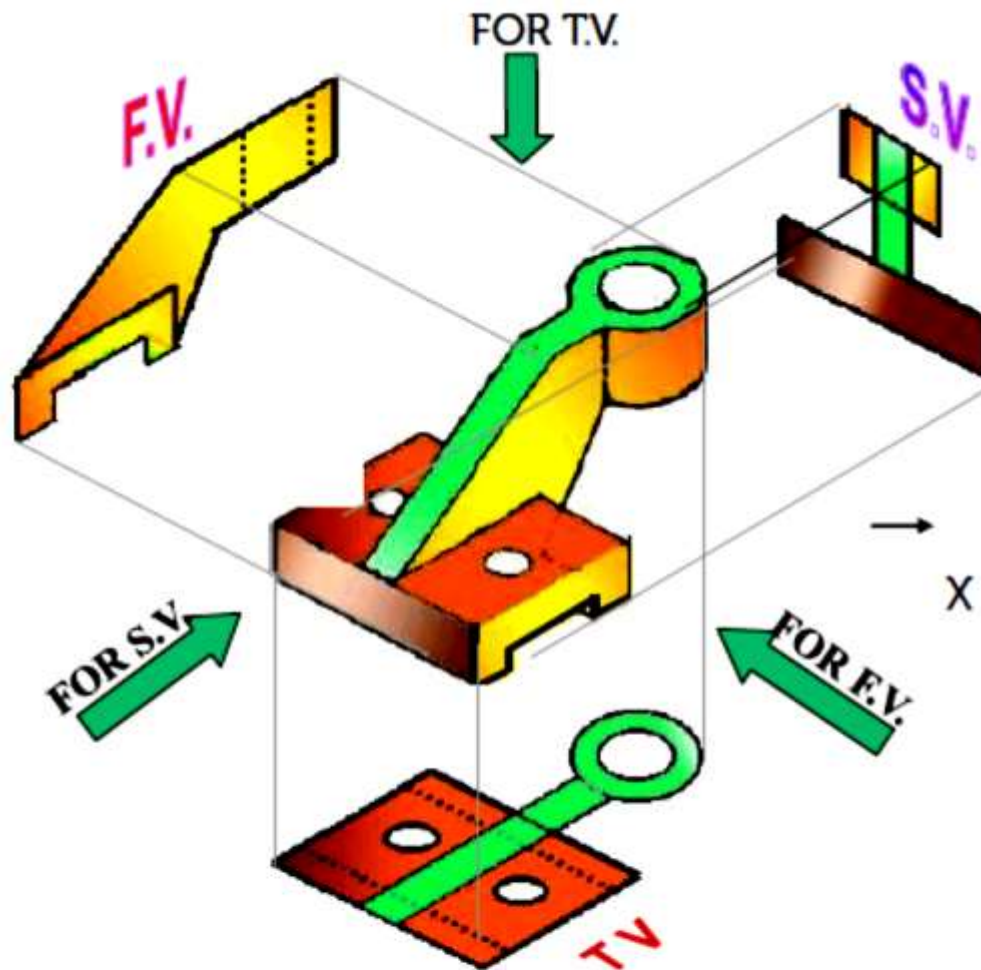
PICTORIAL PRESENTATION IS GIVEN
**DRAW THREE VIEWS OF THIS OBJECT
 BY FIRST ANGLE PROJECTION METHOD**



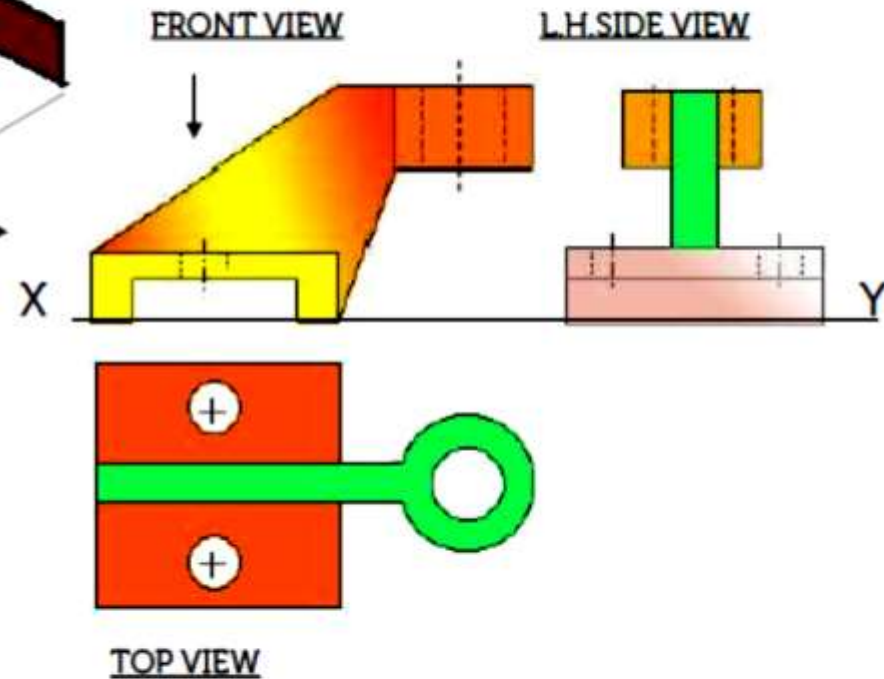
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**DRAW THREE VIEWS OF THIS OBJECT
 BY FIRST ANGLE PROJECTION METHOD**



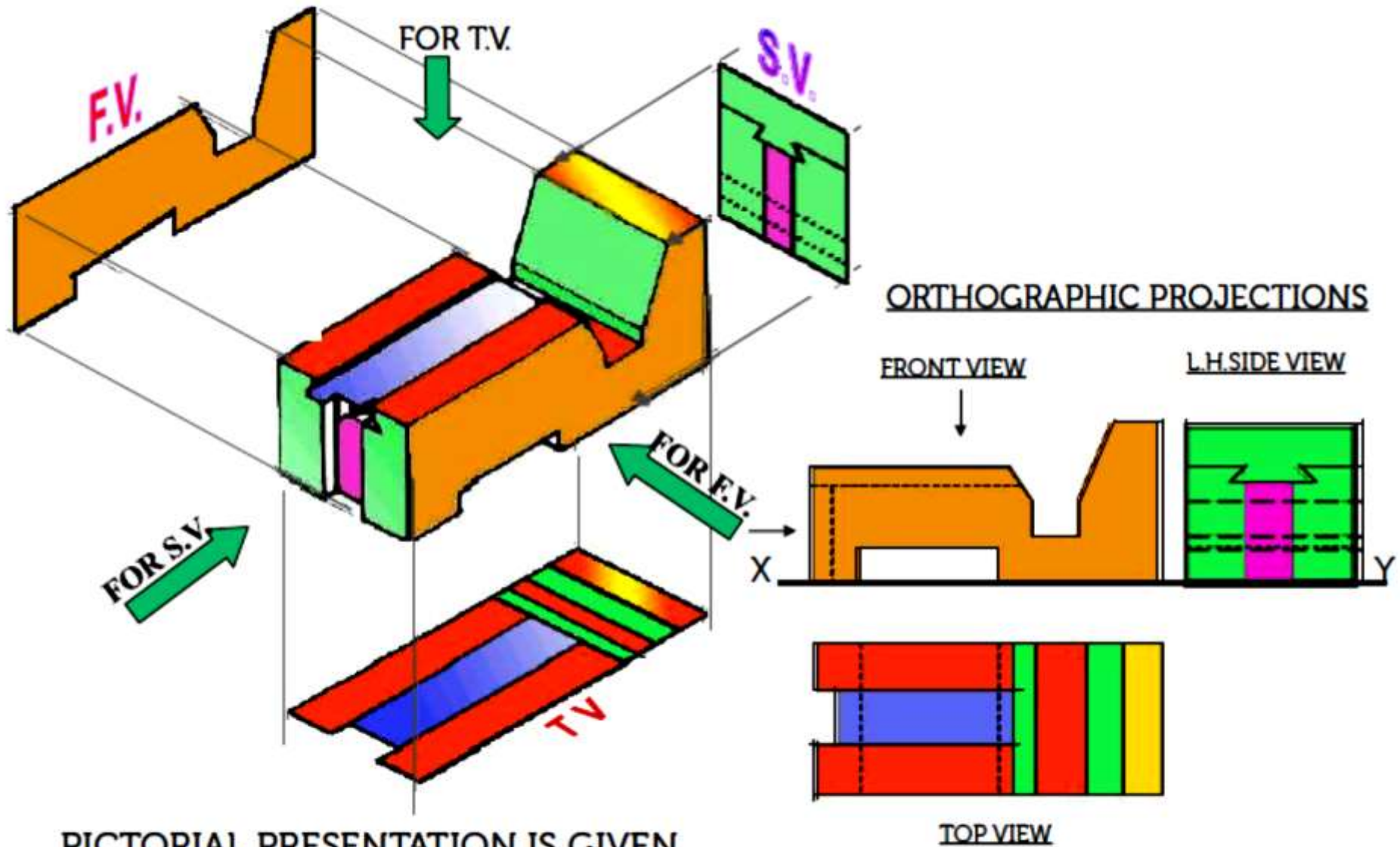
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DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD



ORTHOGRAPHIC PROJECTIONS



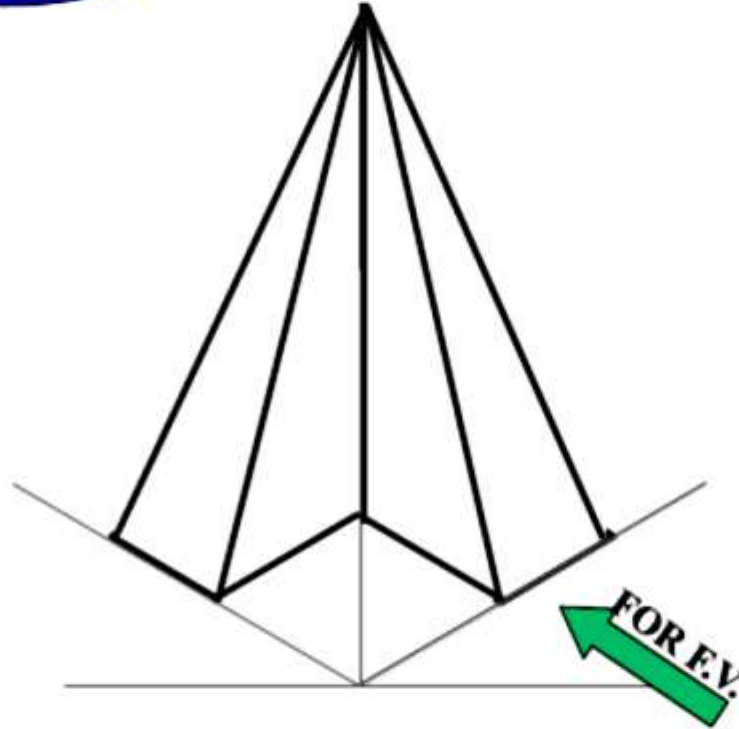
PICTORIAL PRESENTATION IS GIVEN
**DRAW THREE VIEWS OF THIS OBJECT
 BY FIRST ANGLE PROJECTION METHOD**



PICTORIAL PRESENTATION IS GIVEN
DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

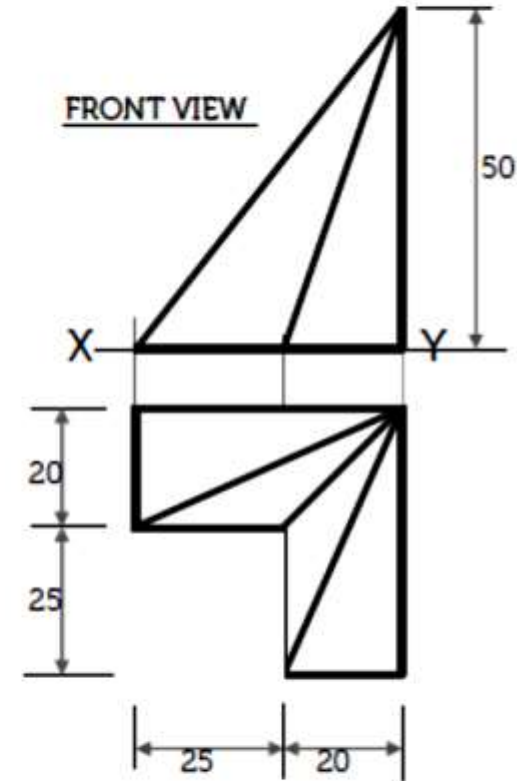
**STUDY
ILLUSTRATIONS**

FOR T.V.



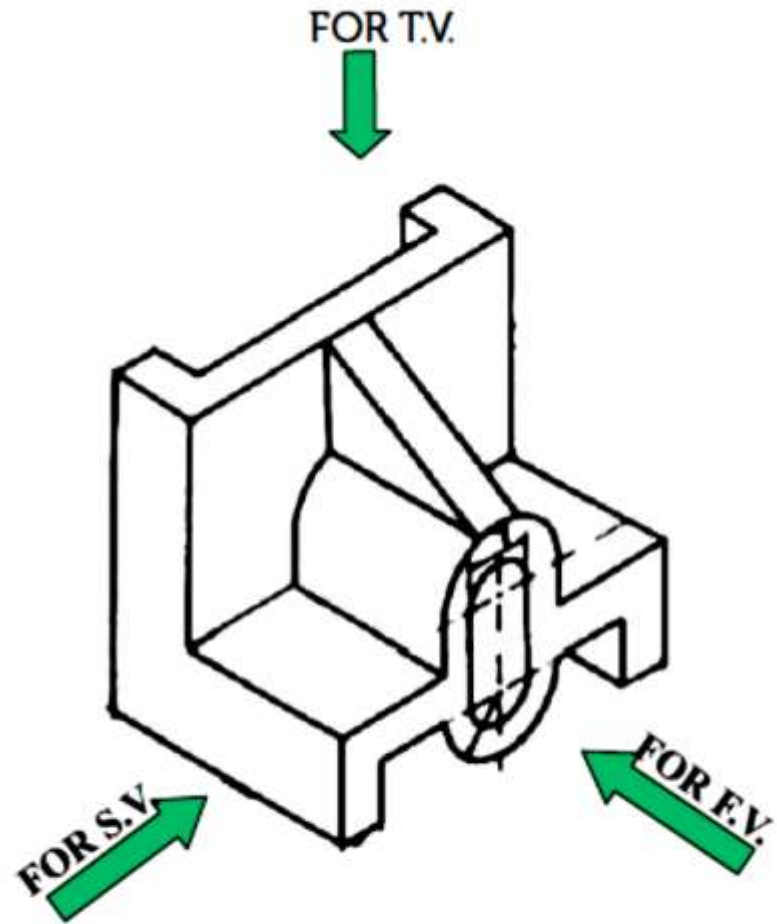
ORTHOGRAPHIC PROJECTIONS

FRONT VIEW

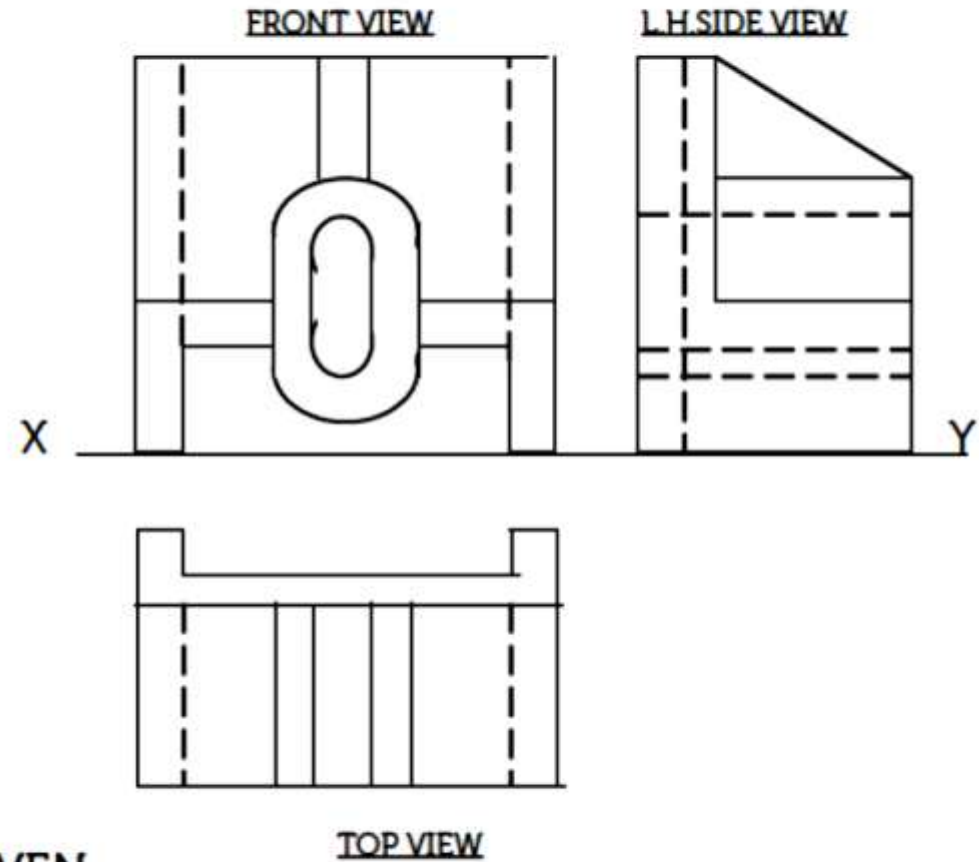


TOP VIEW

PICTORIAL PRESENTATION IS GIVEN
**DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD**

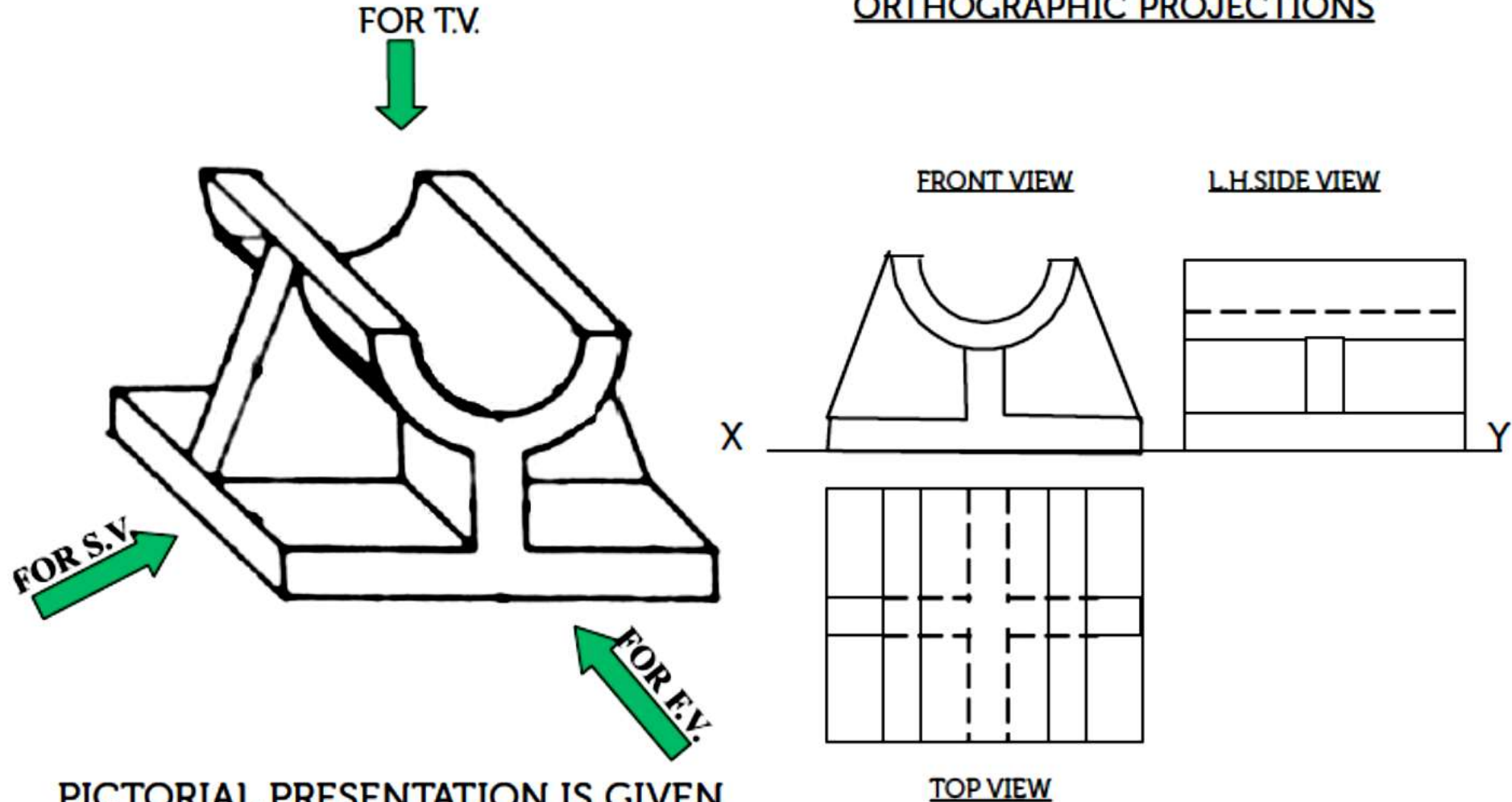


ORTHOGRAPHIC PROJECTIONS

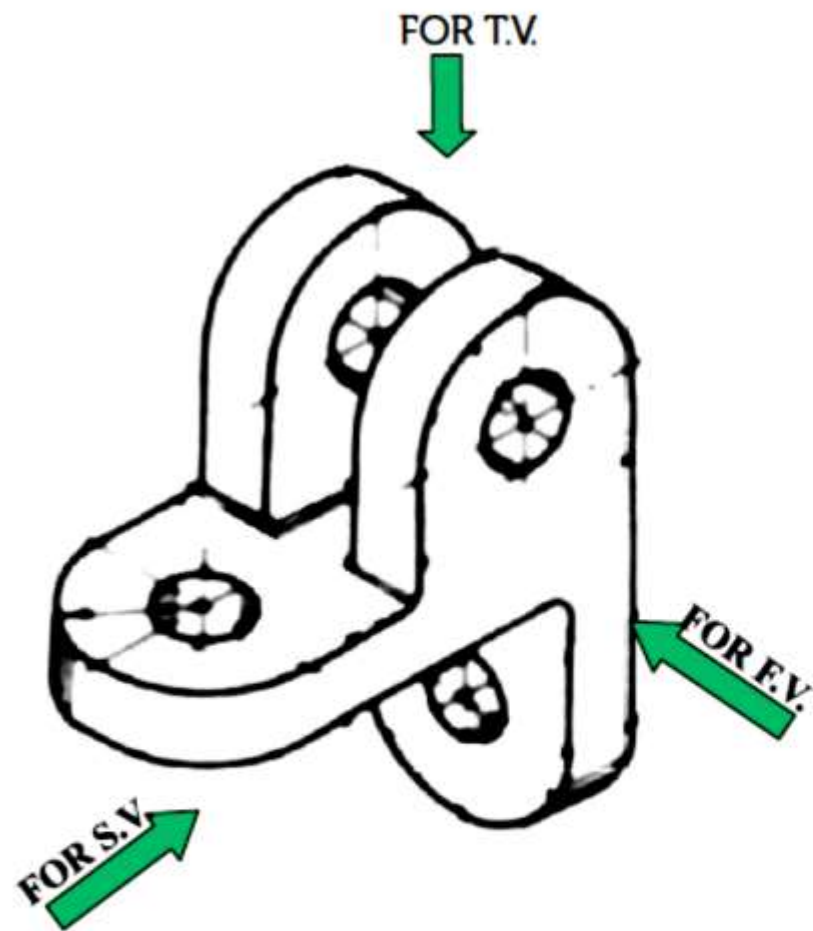


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BY FIRST ANGLE PROJECTION METHOD**

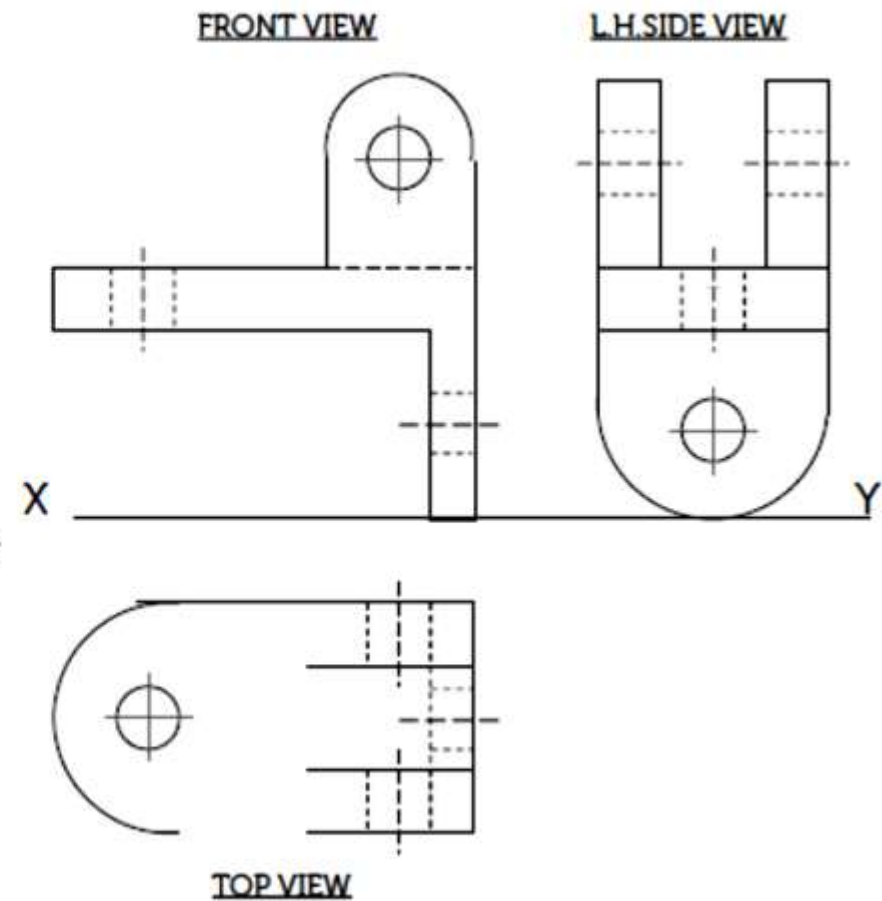
ORTHOGRAPHIC PROJECTIONS



PICTORIAL PRESENTATION IS GIVEN
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BY FIRST ANGLE PROJECTION METHOD**

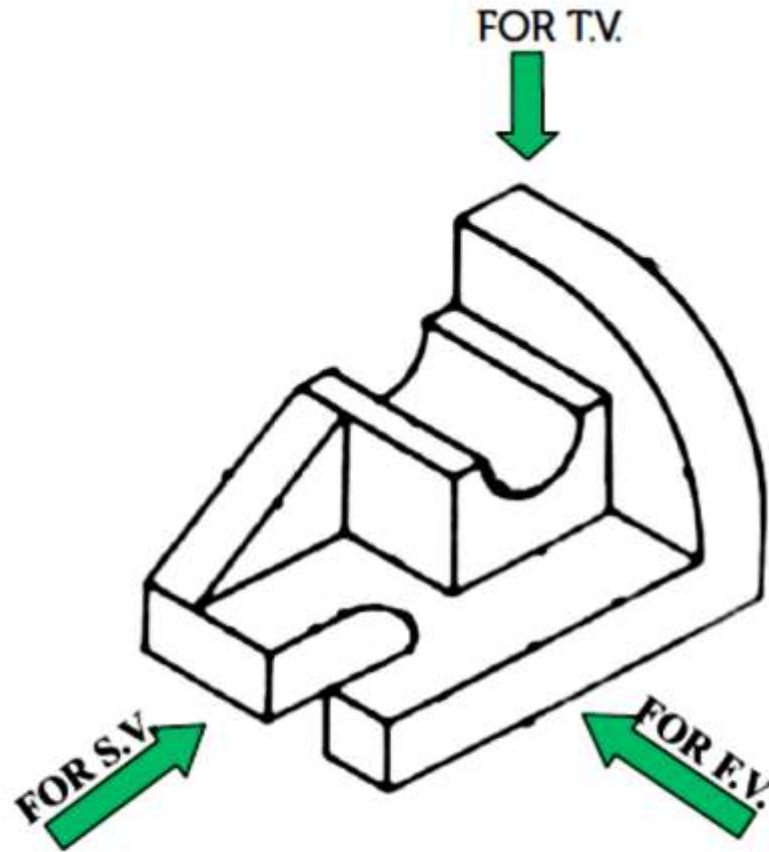


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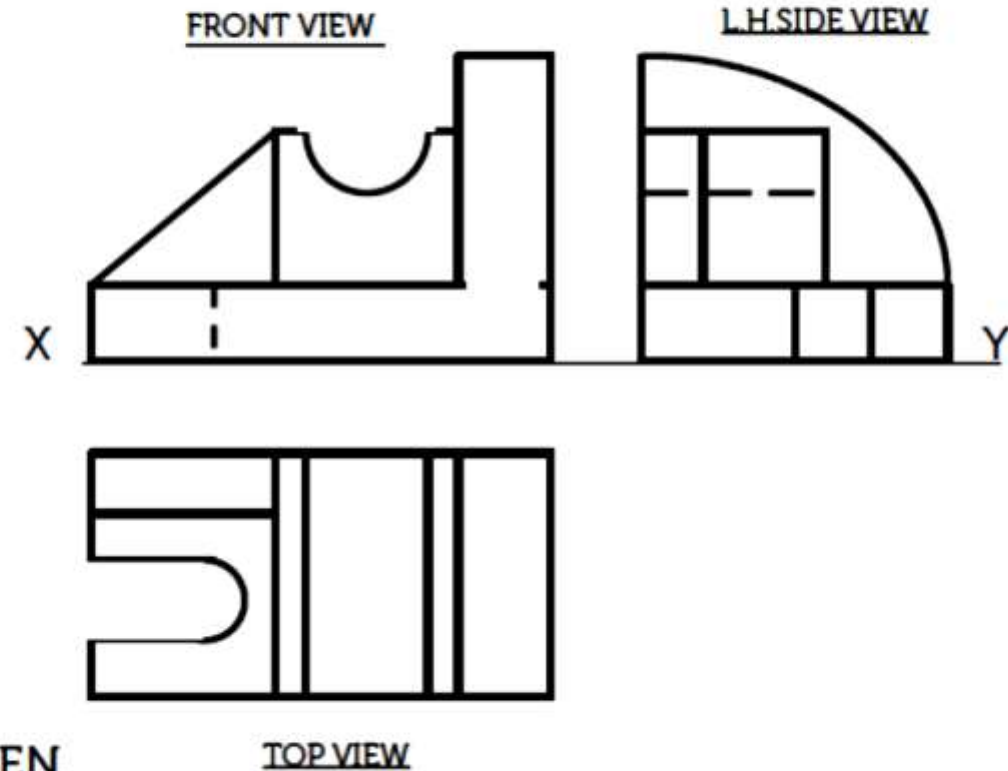


PICTORIAL PRESENTATION IS GIVEN

**DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD**

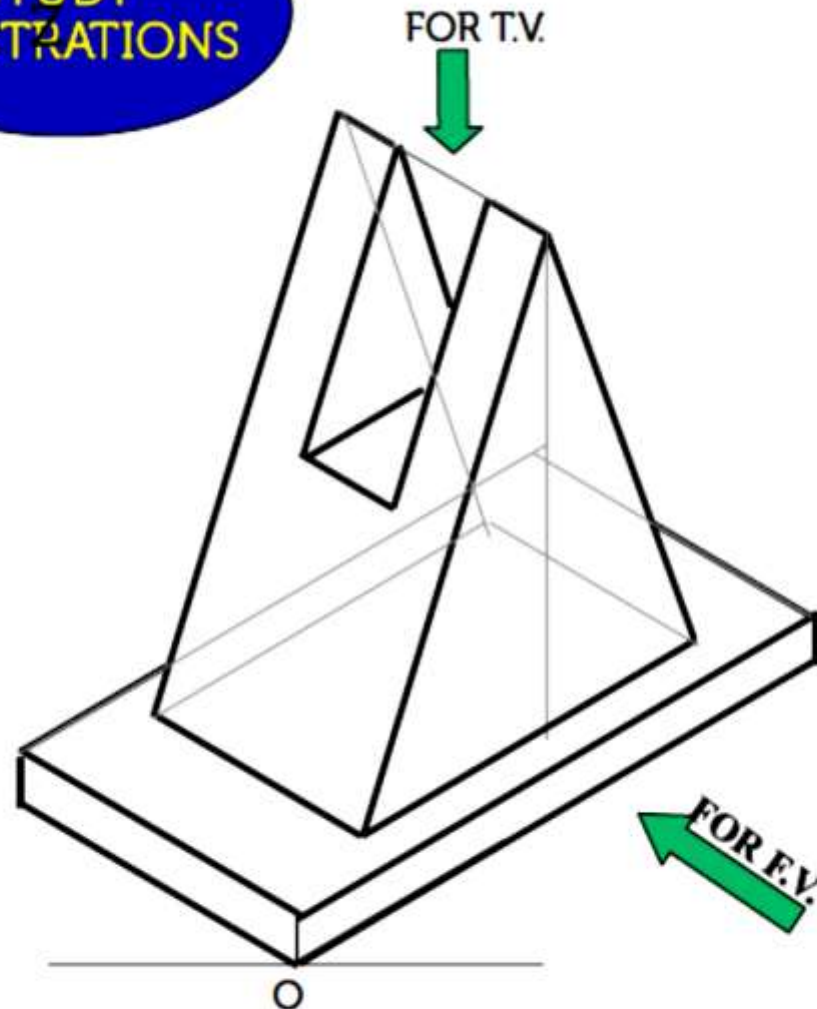


ORTHOGRAPHIC PROJECTIONS

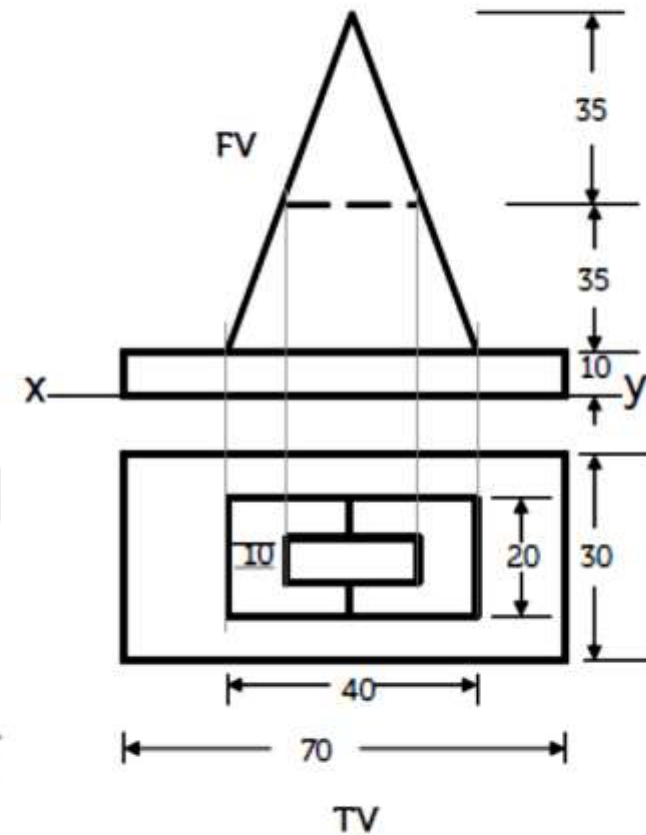


PICTORIAL PRESENTATION IS GIVEN
**DRAW THREE VIEWS OF THIS OBJECT
 BY FIRST ANGLE PROJECTION METHOD**

STUDY ILLUSTRATIONS

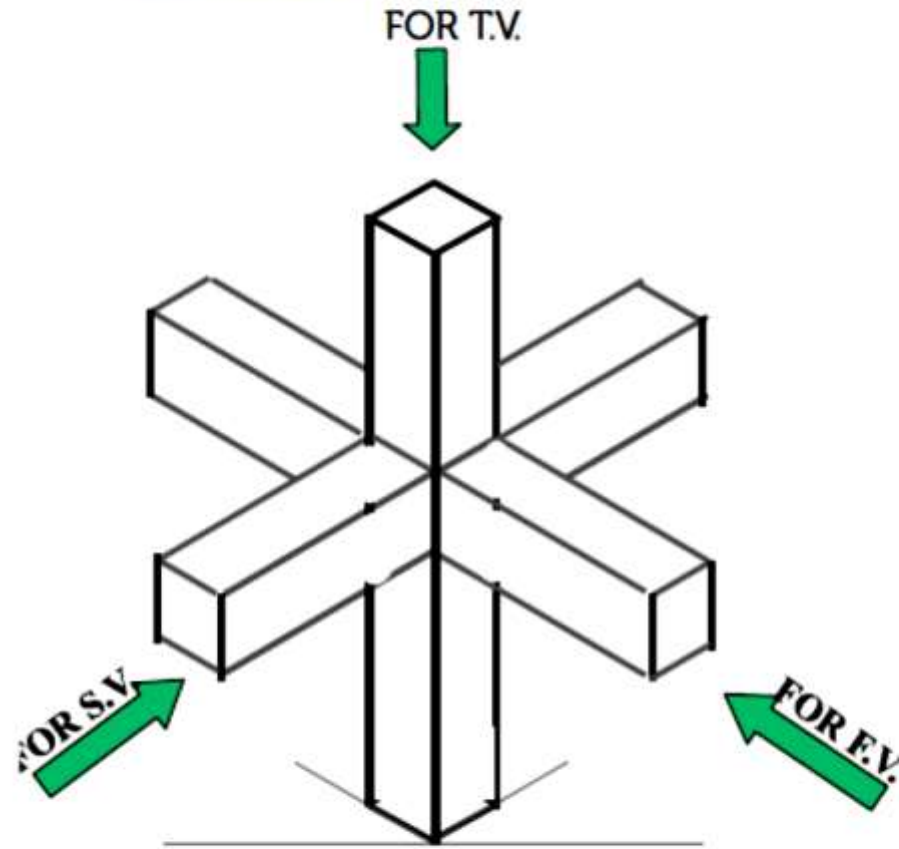


ORTHOGRAPHIC PROJECTIONS



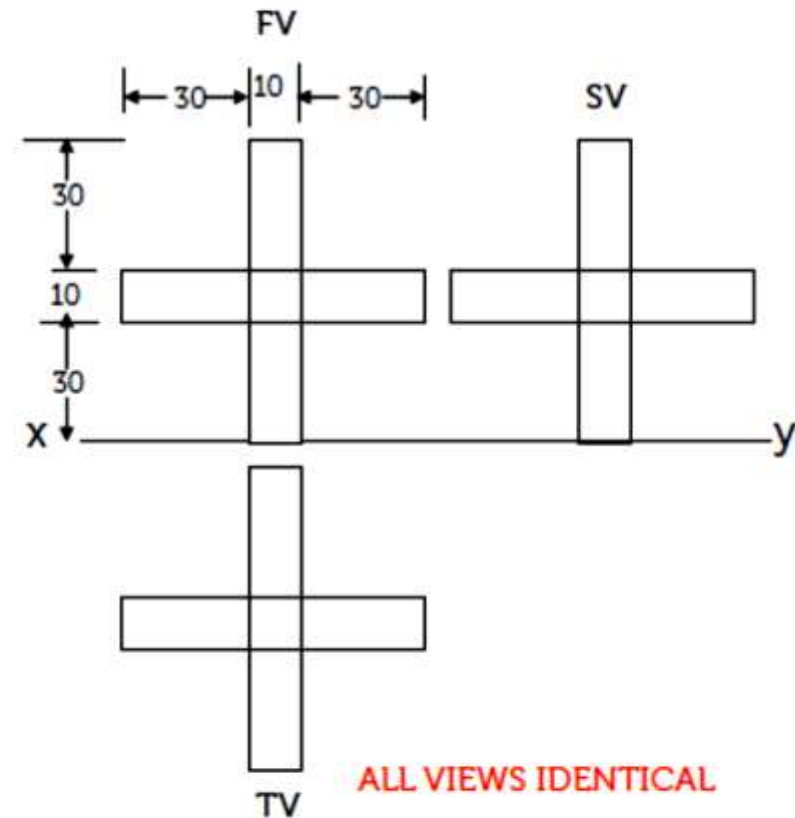
PICTORIAL PRESENTATION IS GIVEN
DRAW FV AND TV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

STUDY ILLUSTRATIONS



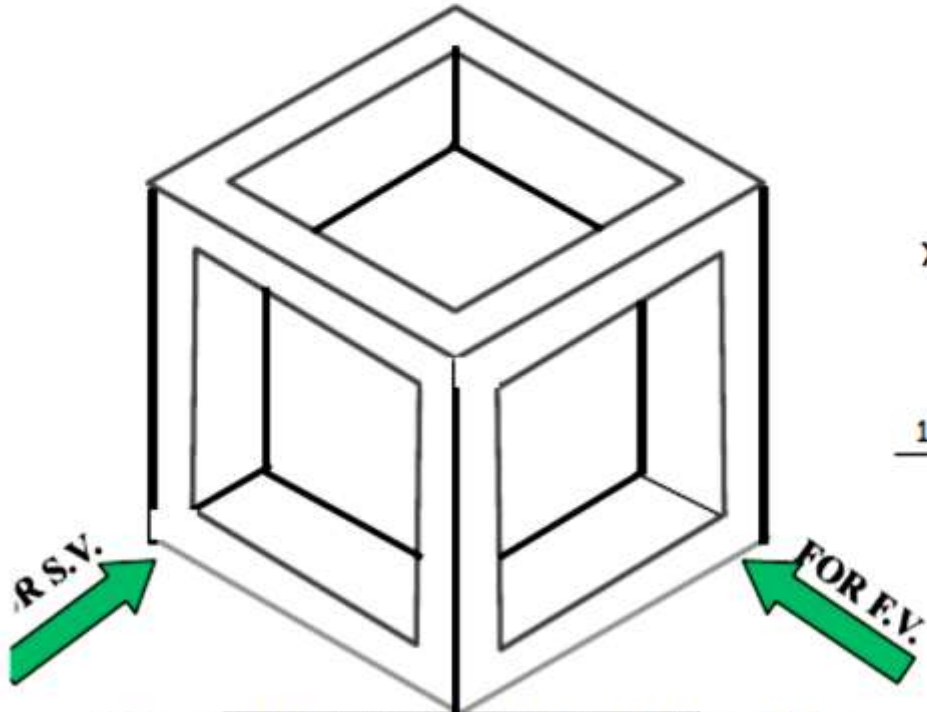
PICTORIAL PRESENTATION IS GIVEN
DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

ORTHOGRAPHIC PROJECTIONS



STUDY ILLUSTRATIONS

FOR T.V.

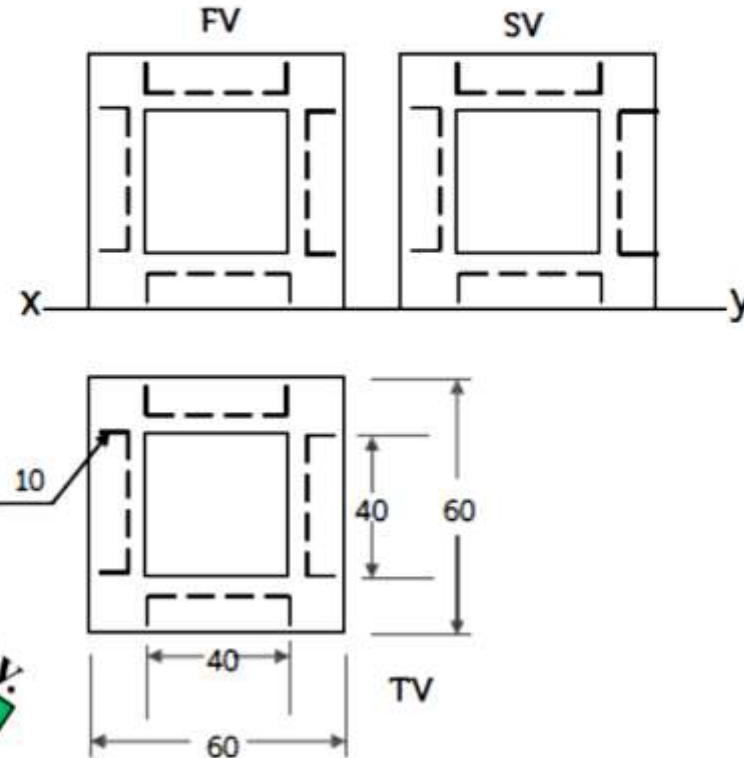


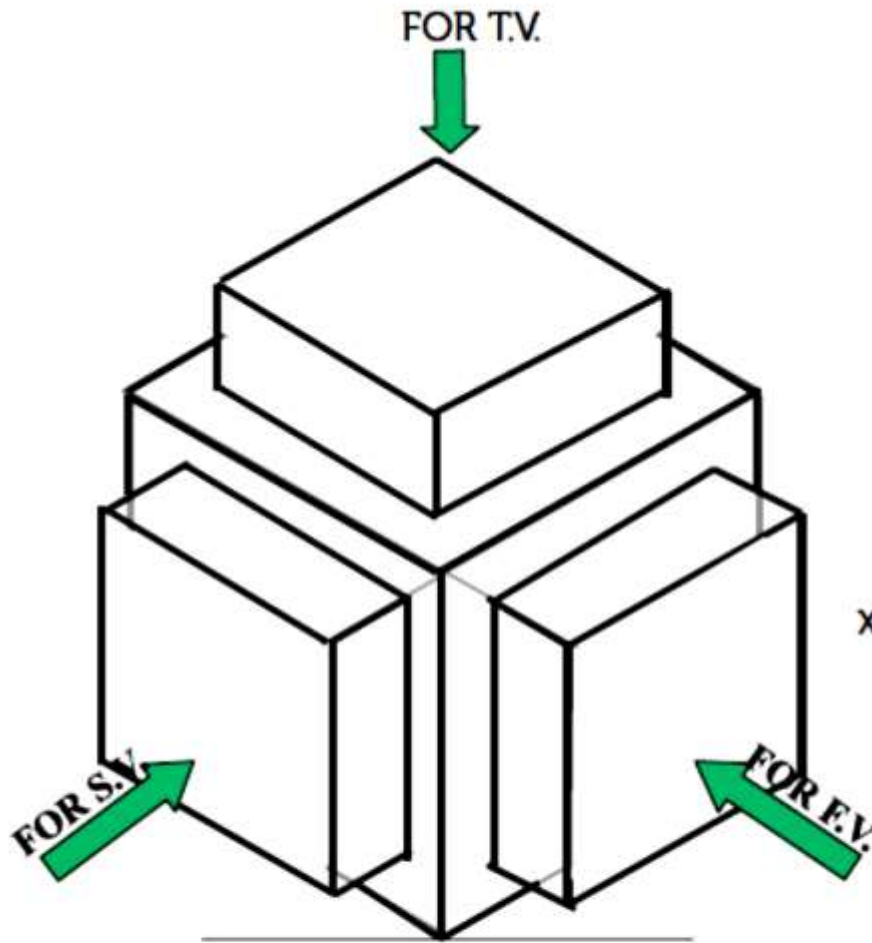
PICTORIAL PRESENTATION IS GIVEN

**DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD**

ORTHOGRAPHIC PROJECTIONS

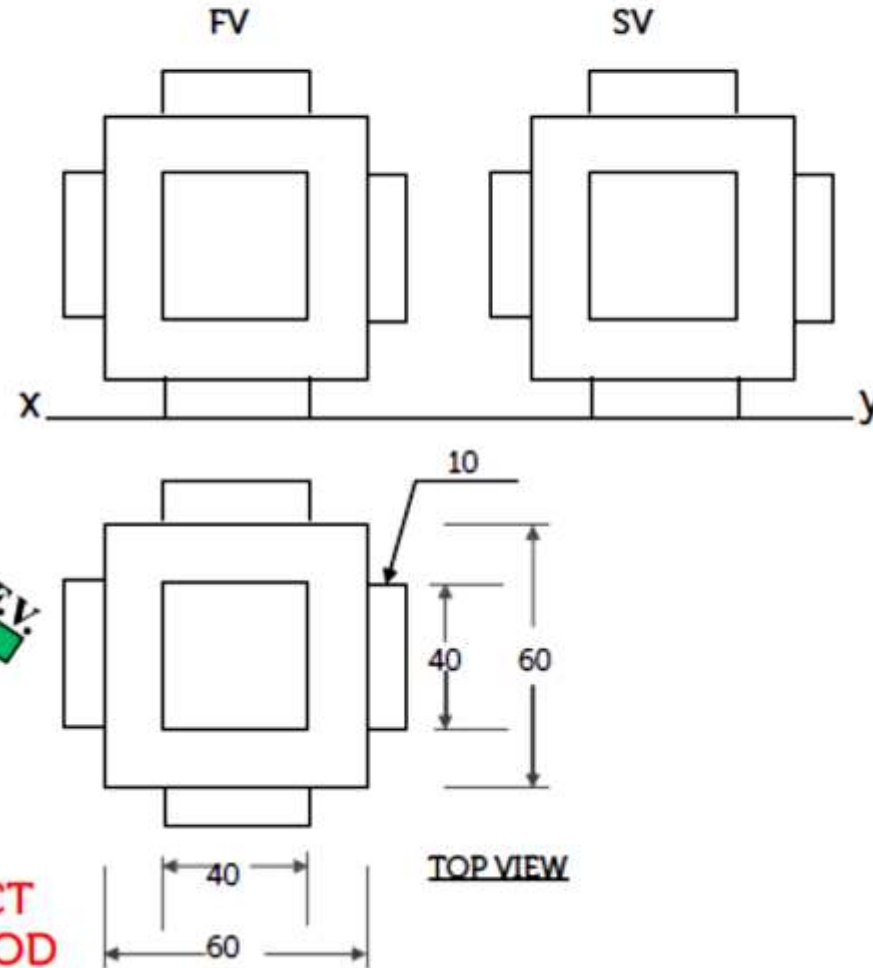
ALL VIEWS IDENTICAL



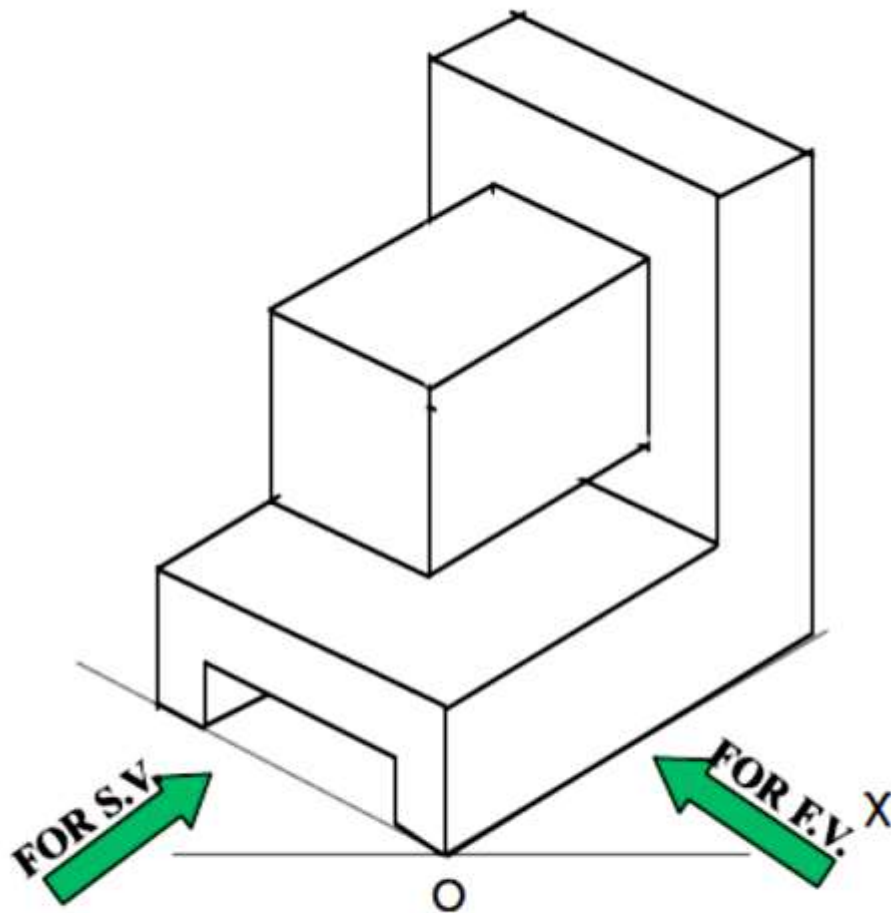


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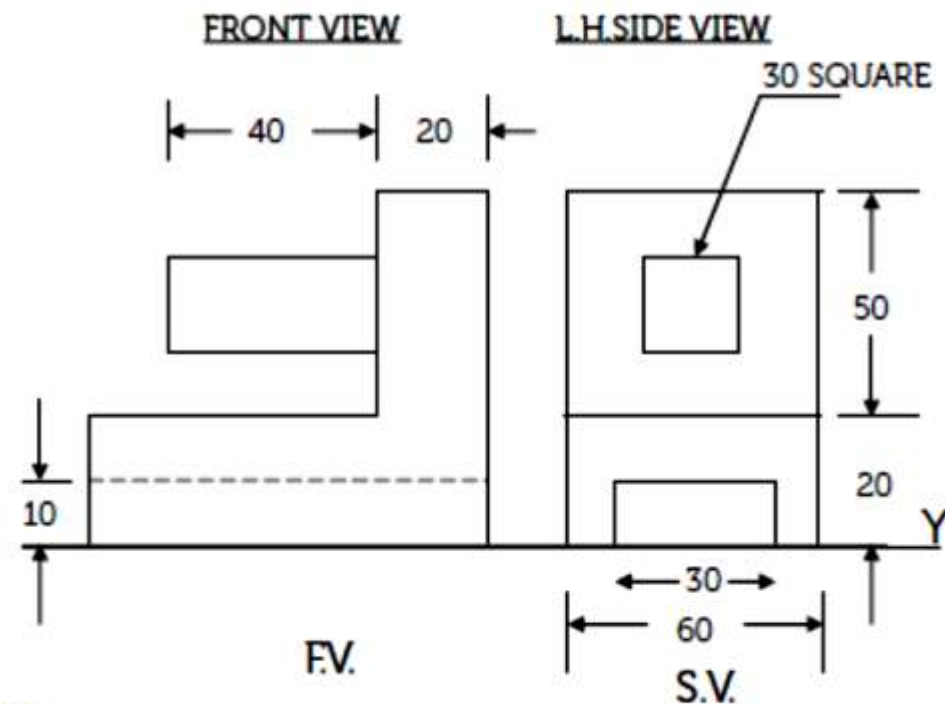
ALL VIEWS IDENTICAL



PICTORIAL PRESENTATION IS GIVEN
**DRAW THREE VIEWS OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD**

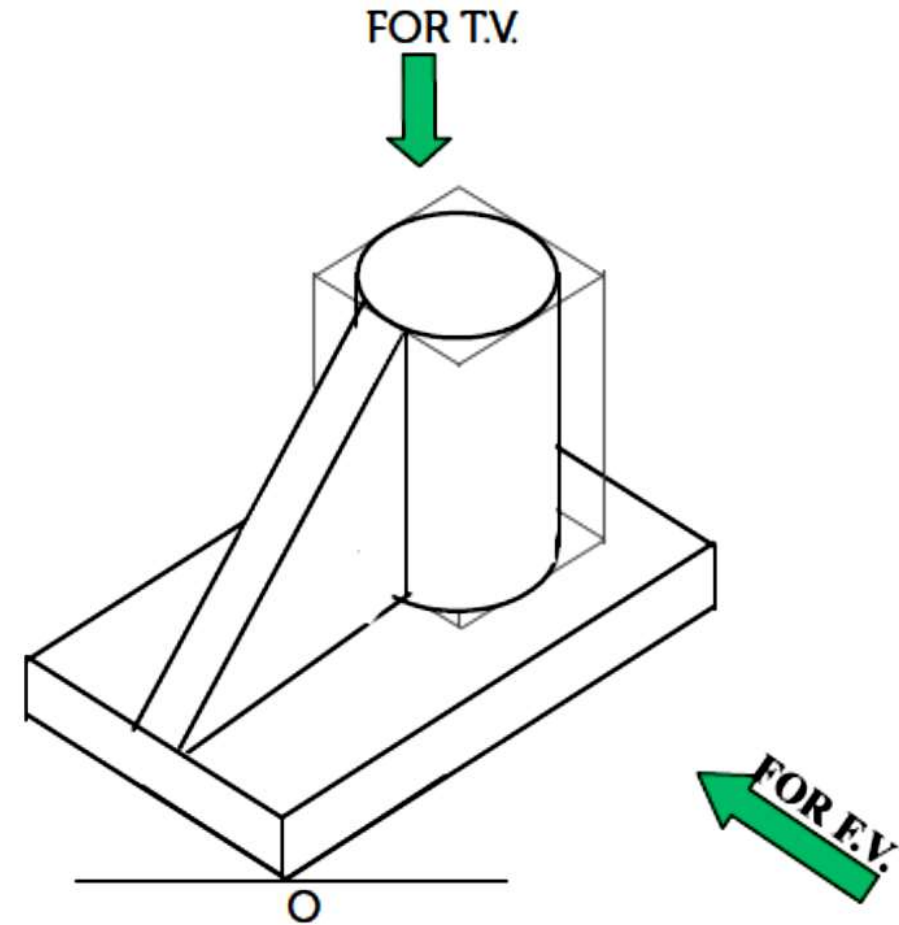
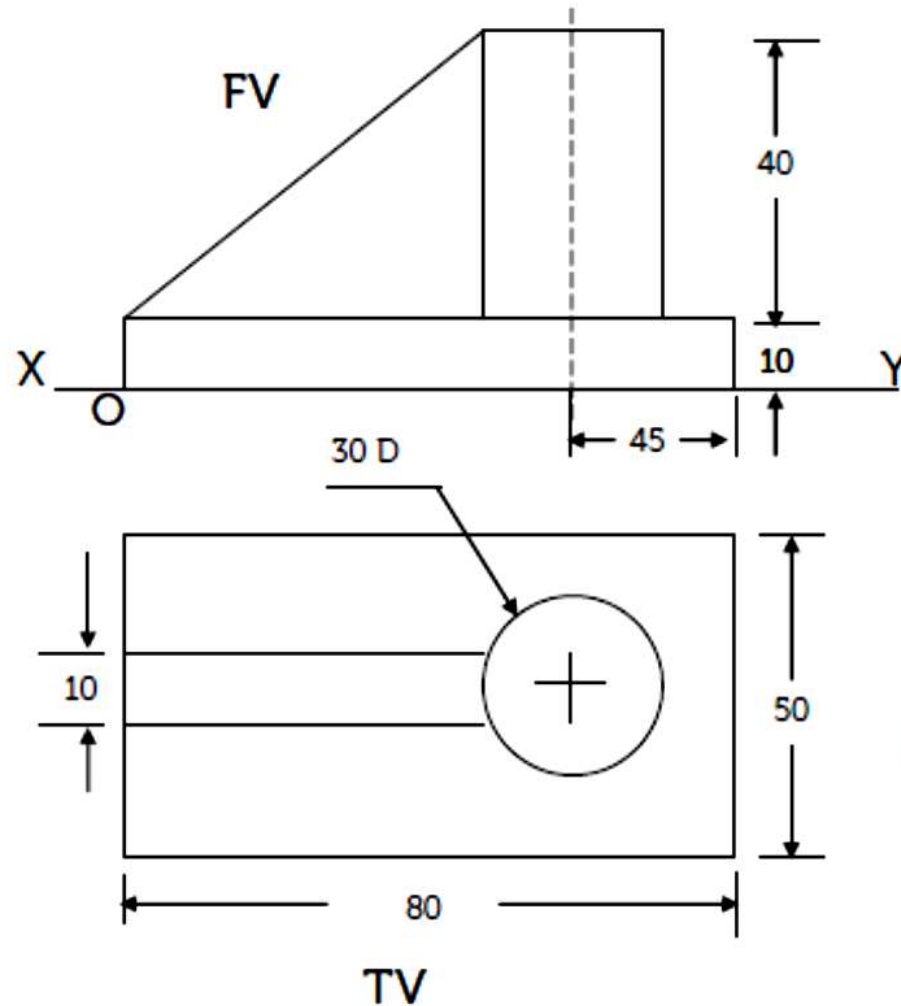


ORTHOGRAPHIC PROJECTIONS



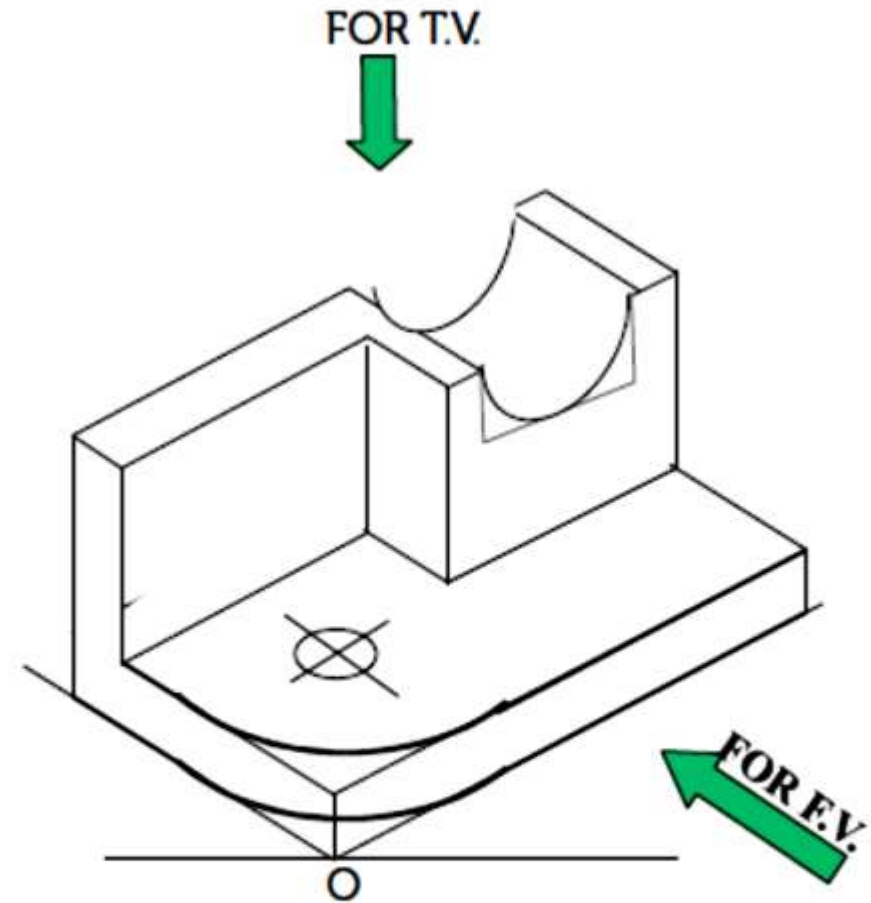
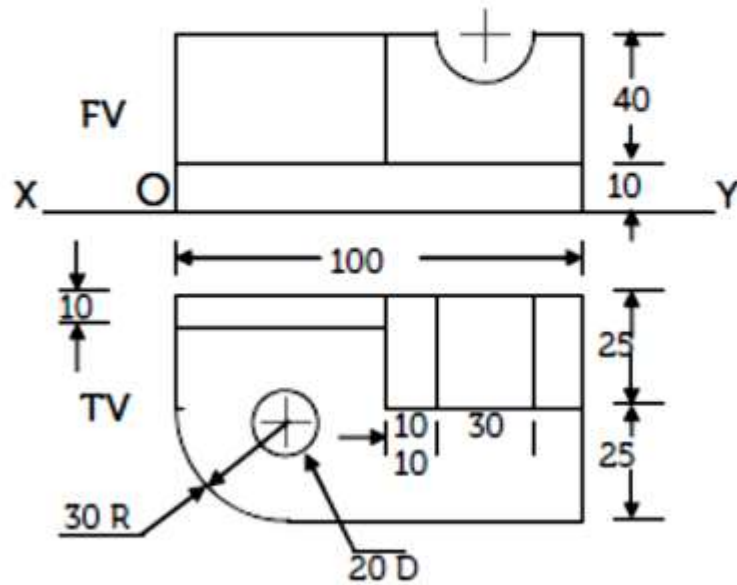
PICTORIAL PRESENTATION IS GIVEN
DRAW FV AND SV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

ORTHOGRAPHIC PROJECTIONS



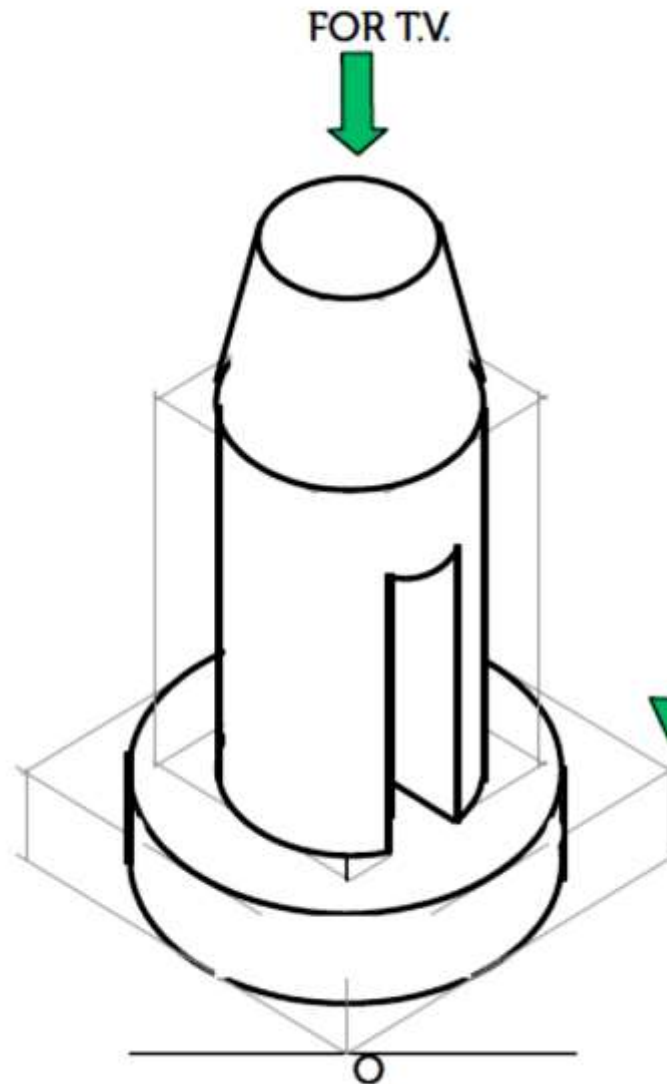
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DRAW FV AND TV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

ORTHOGRAPHIC PROJECTIONS

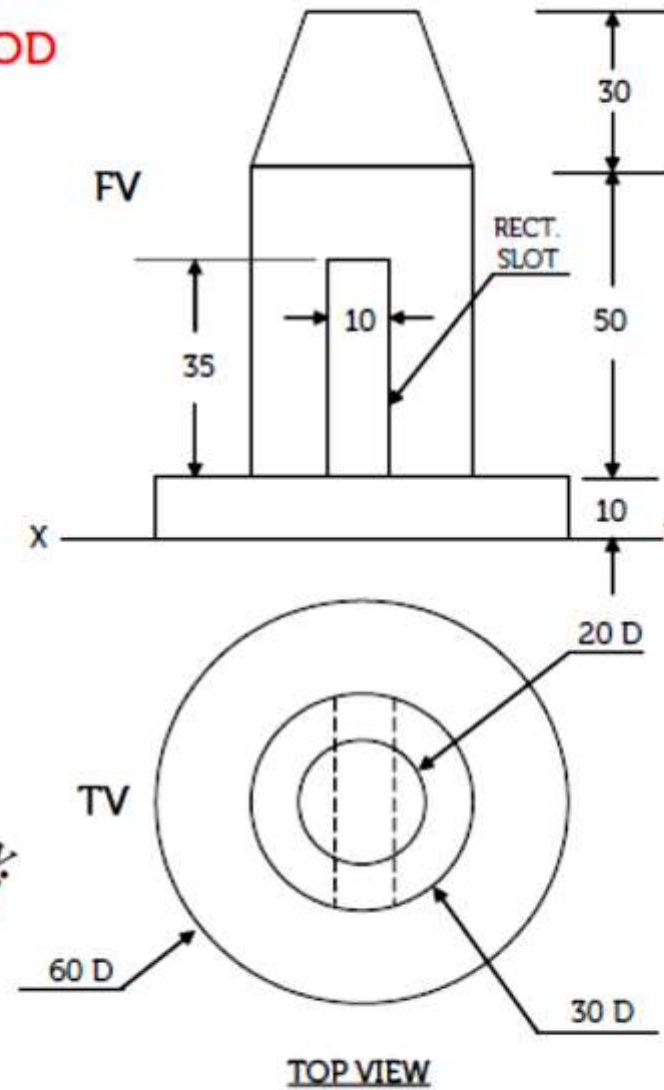


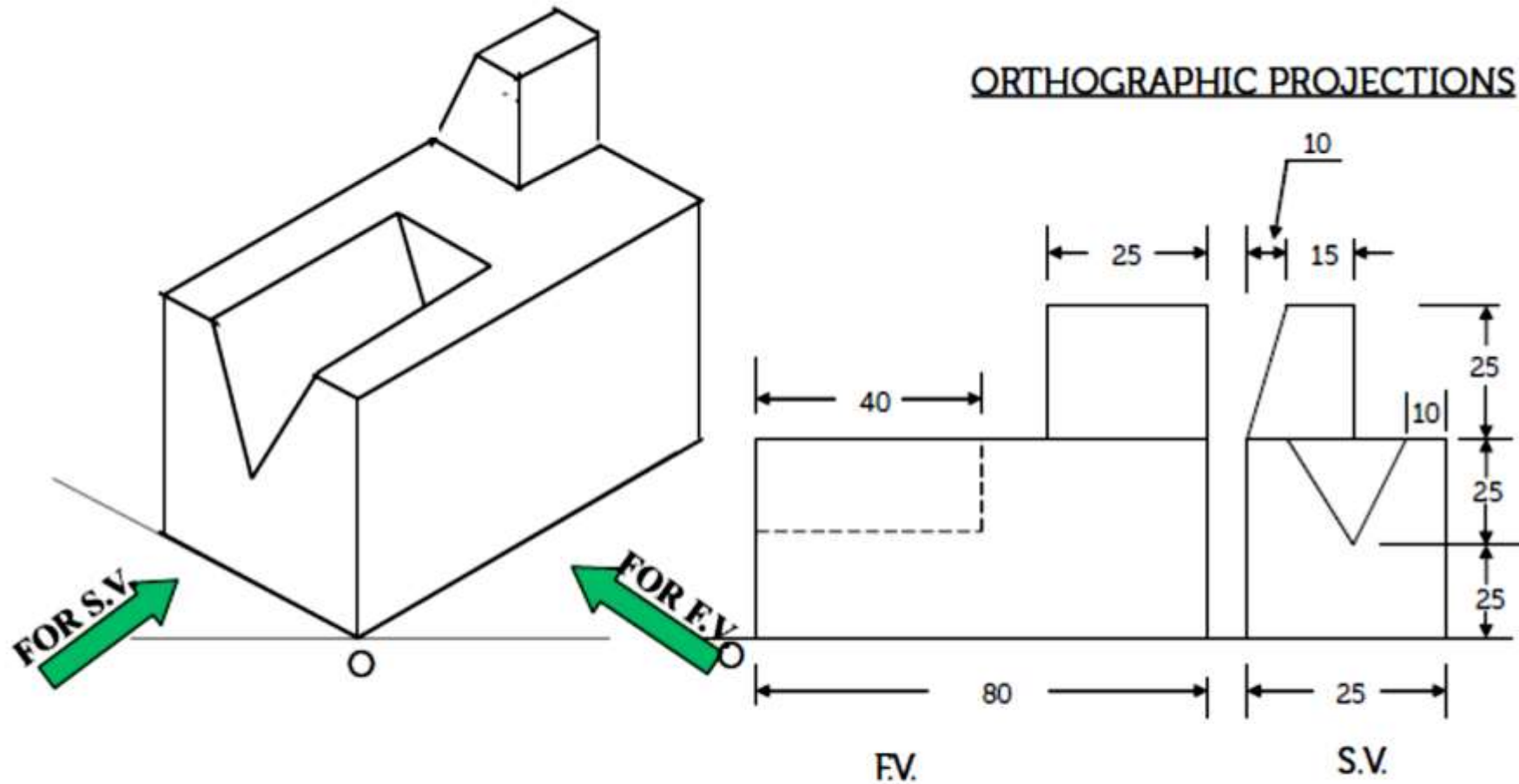
PICTORIAL PRESENTATION IS GIVEN
**DRAW FV AND TV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD**

PICTORIAL PRESENTATION IS GIVEN
DRAW FV AND TV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

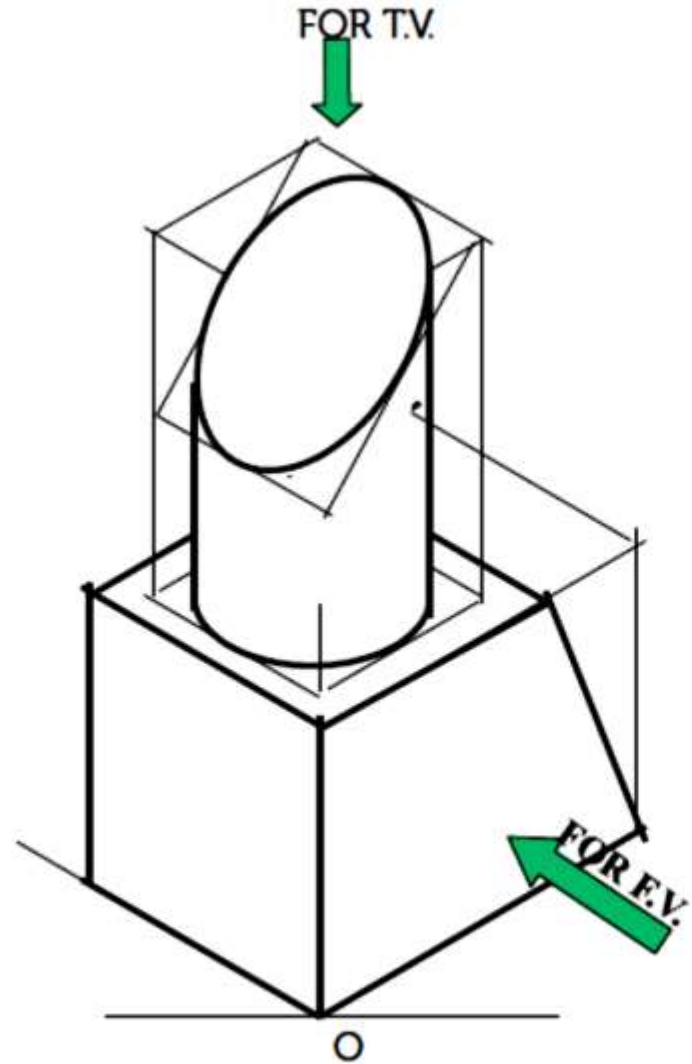


ORTHOGRAPHIC PROJECTIONS



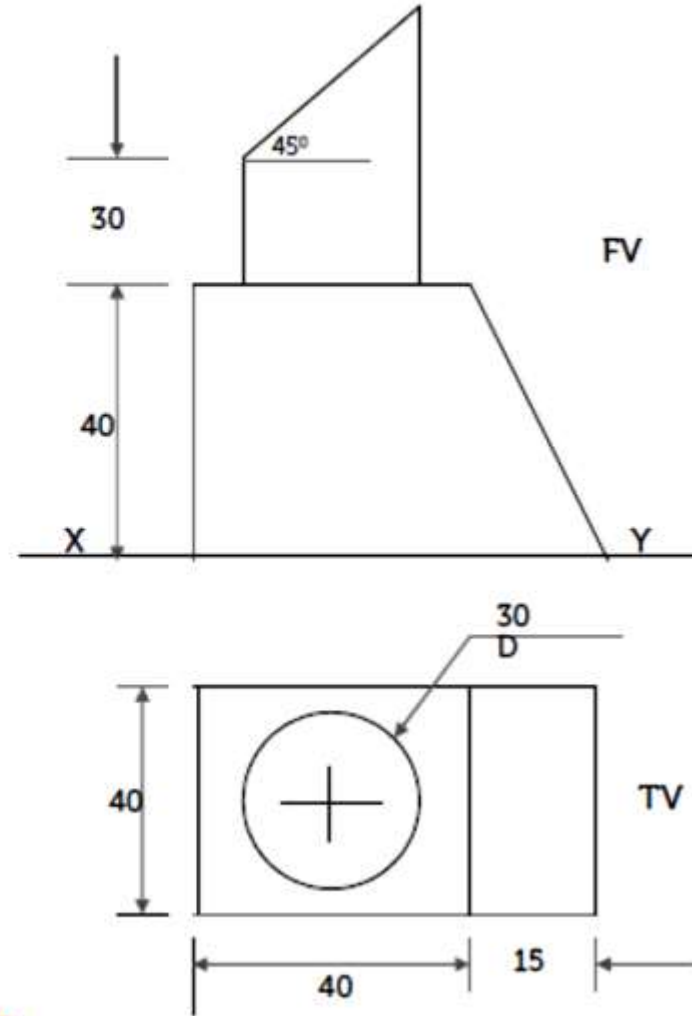


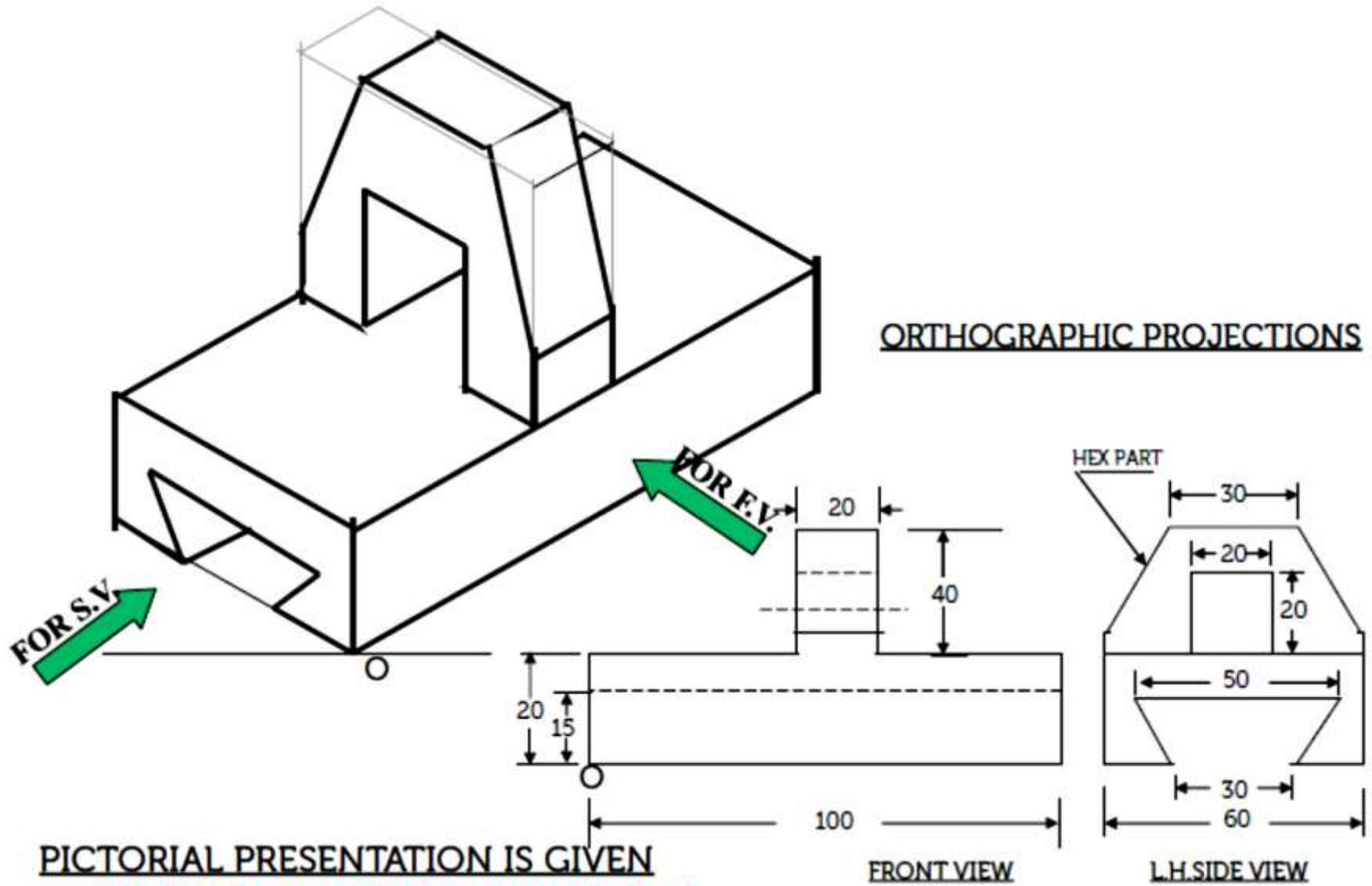
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DRAW FV AND SV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD



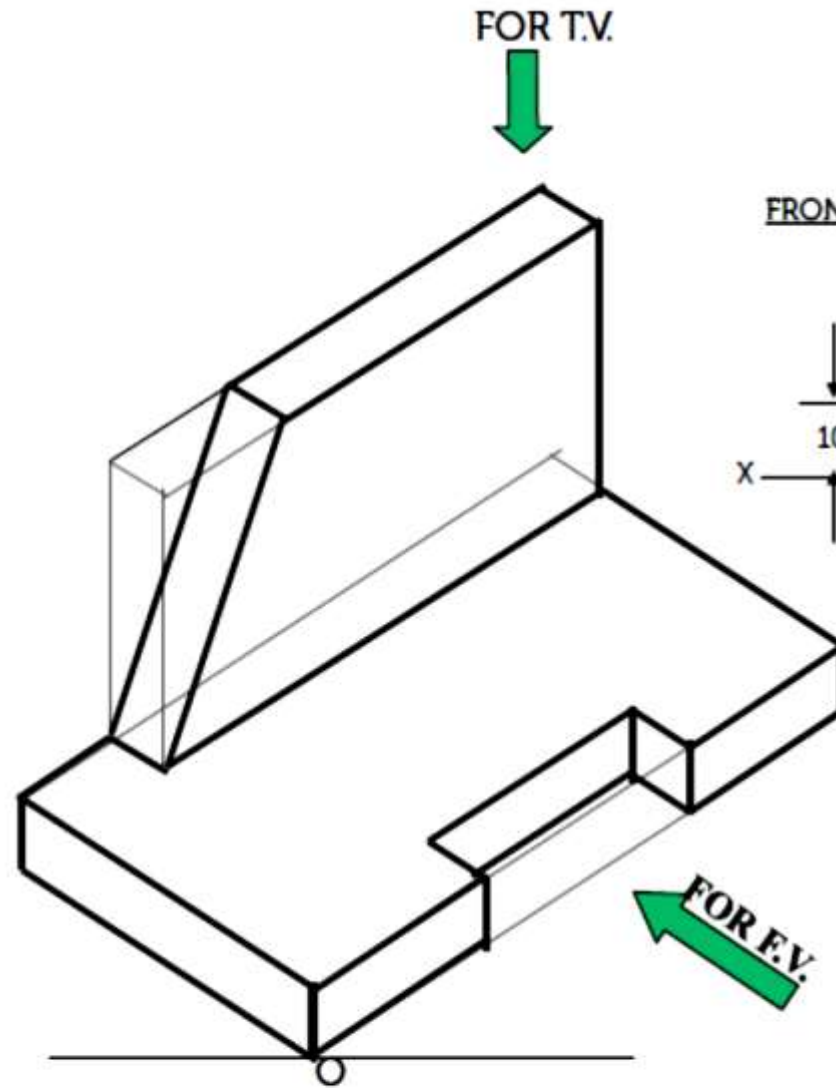
PICTORIAL PRESENTATION IS GIVEN
DRAW FV AND TV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

ORTHOGRAPHIC PROJECTIONS

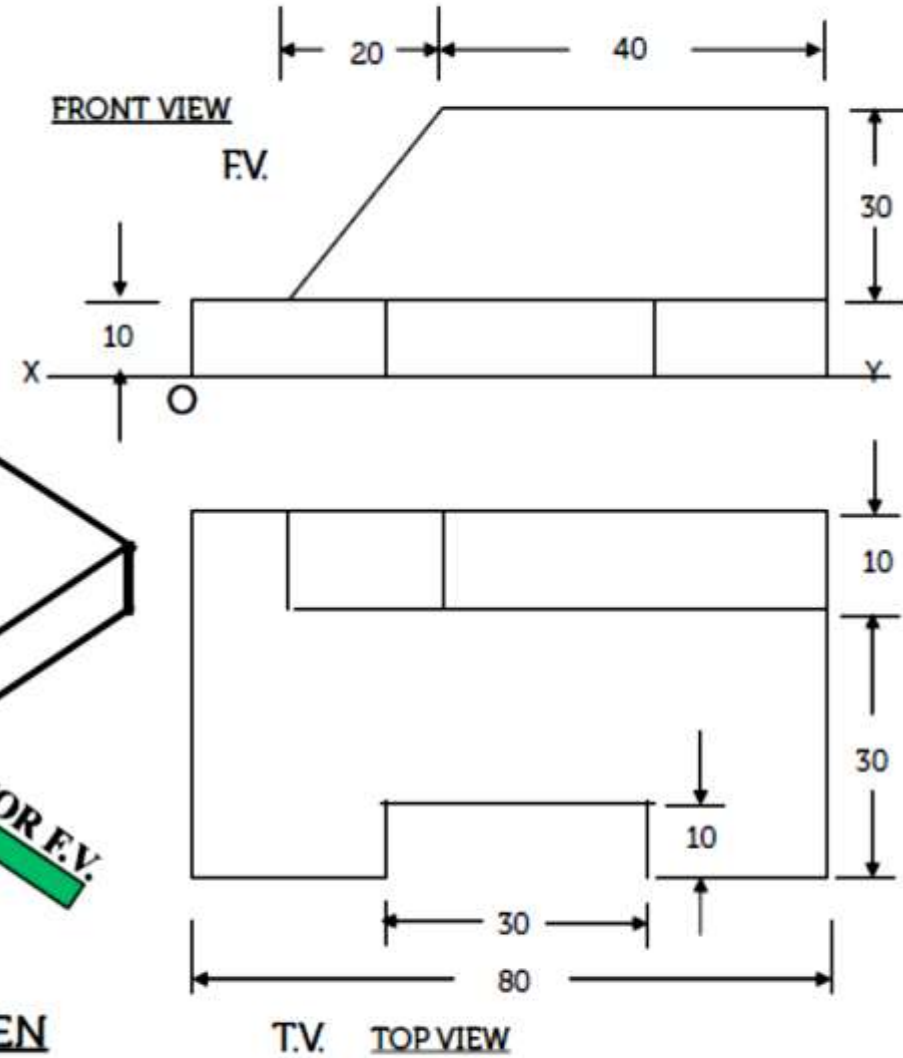




PICTORIAL PRESENTATION IS GIVEN
DRAW FV AND SV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

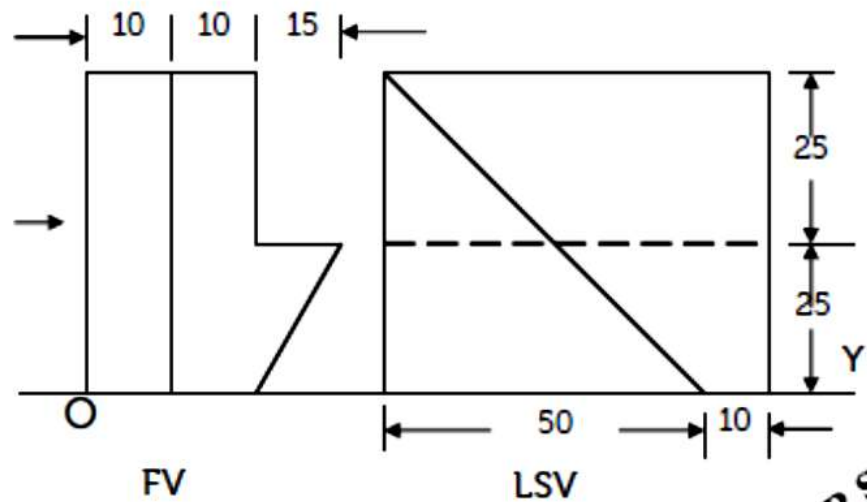


ORTHOGRAPHIC PROJECTIONS



PICTORIAL PRESENTATION IS GIVEN
DRAW FV AND TV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

ORTHOGRAPHIC PROJECTIONS



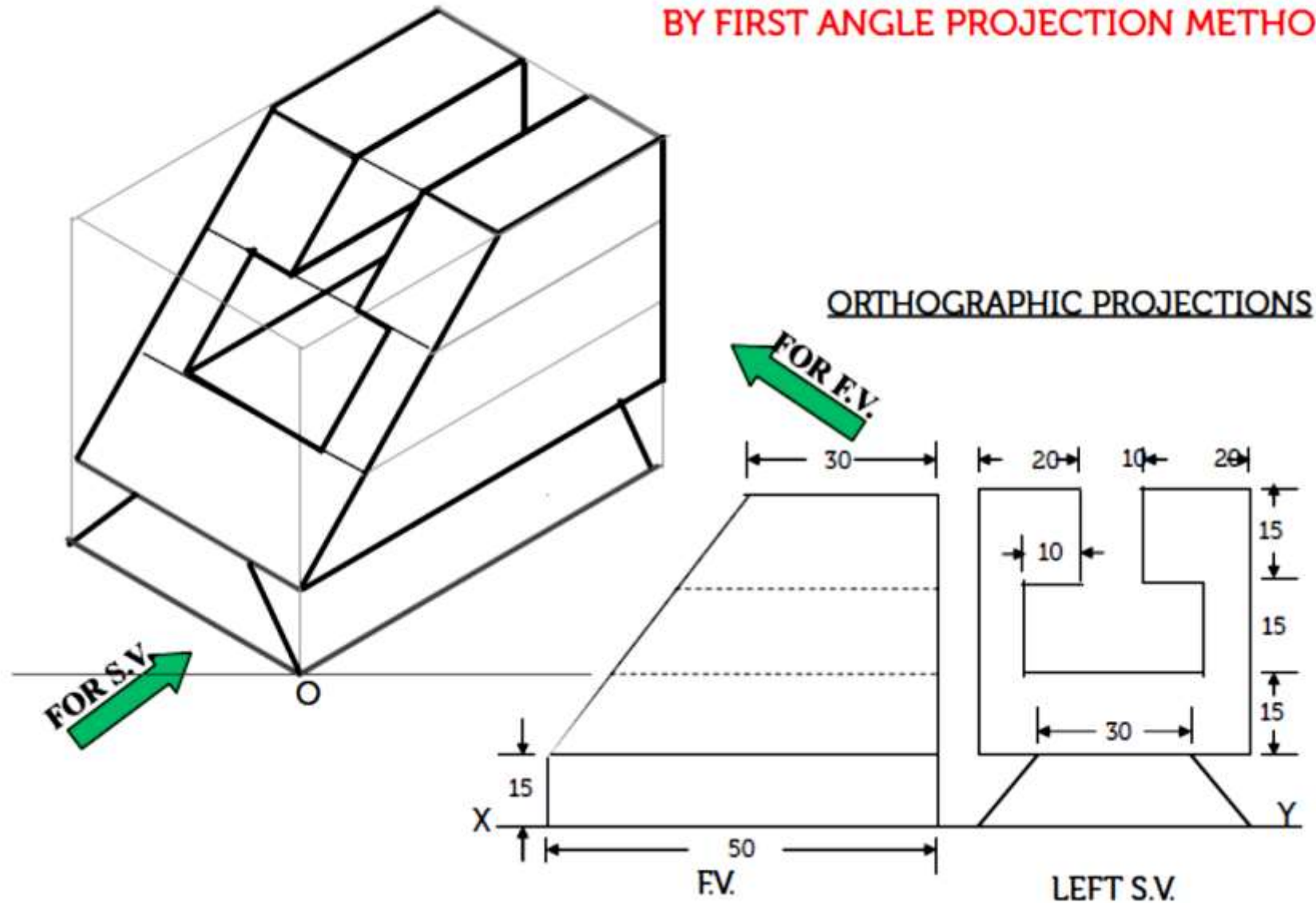
FOR S.V.

FOR F.V.

PICTORIAL PRESENTATION IS GIVEN

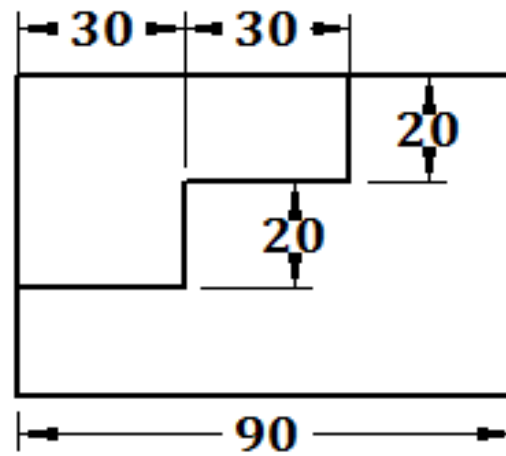
**DRAW FV AND LSV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD**

PICTORIAL PRESENTATION IS GIVEN
DRAW FV AND SV OF THIS OBJECT
BY FIRST ANGLE PROJECTION METHOD

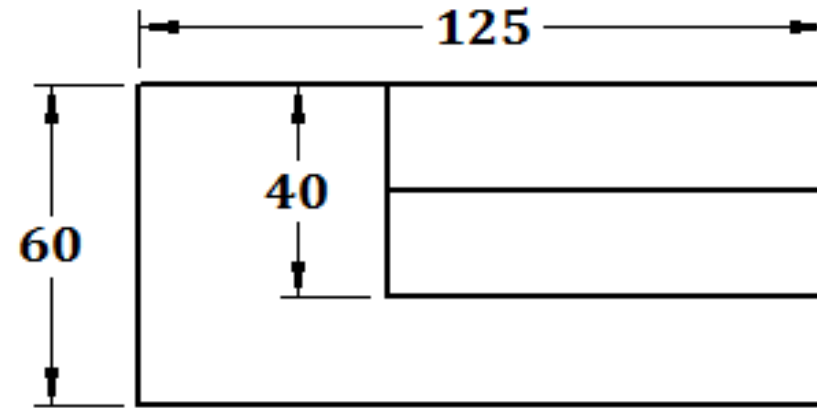




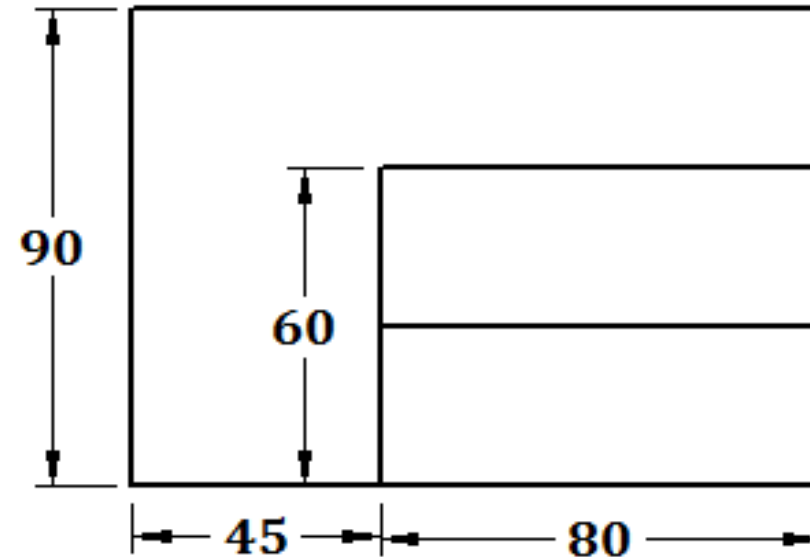
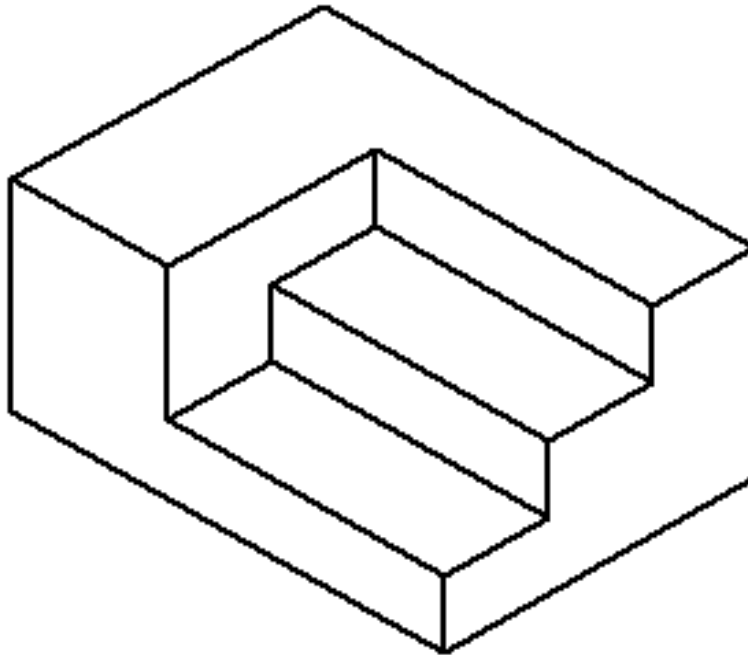
**orthographic projections of simple machine parts
without section modelled in solid edge.**



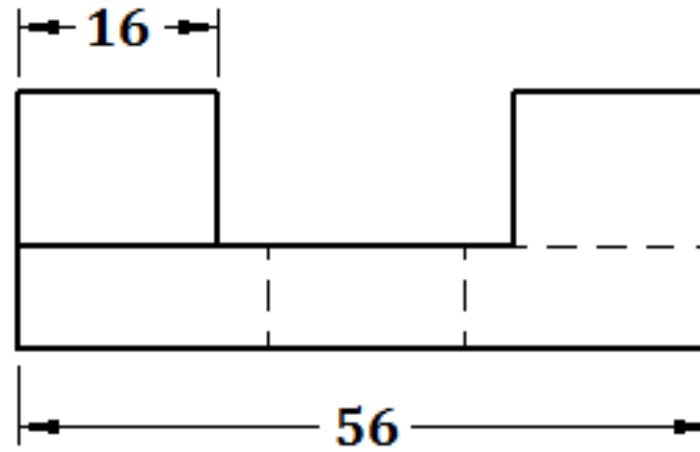
SIDE VIEW



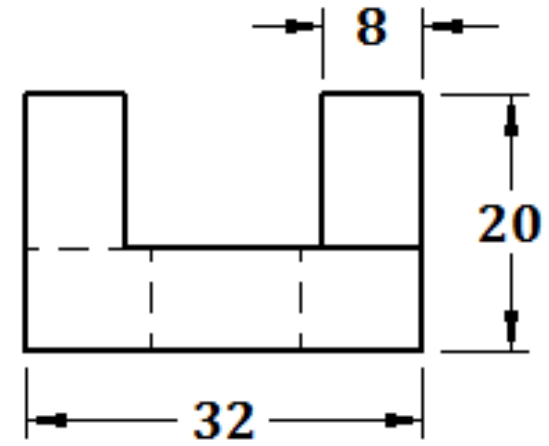
FRONT VIEW



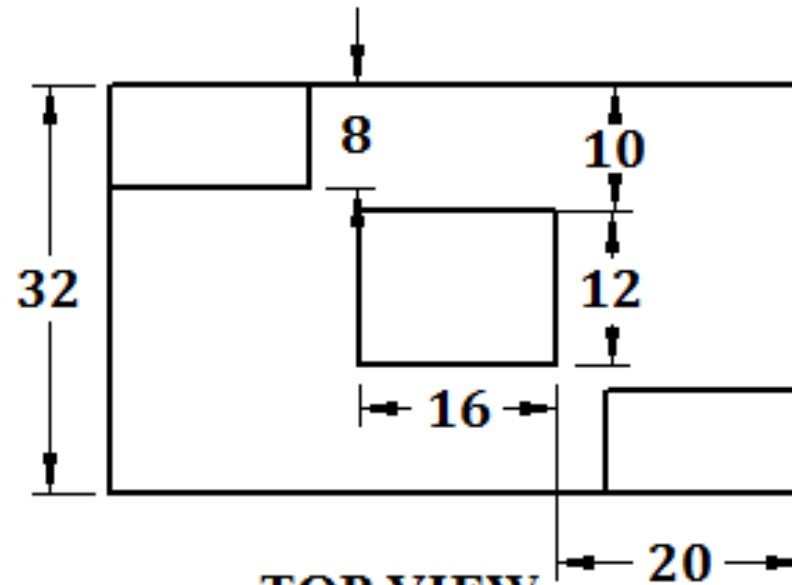
TOP VIEW



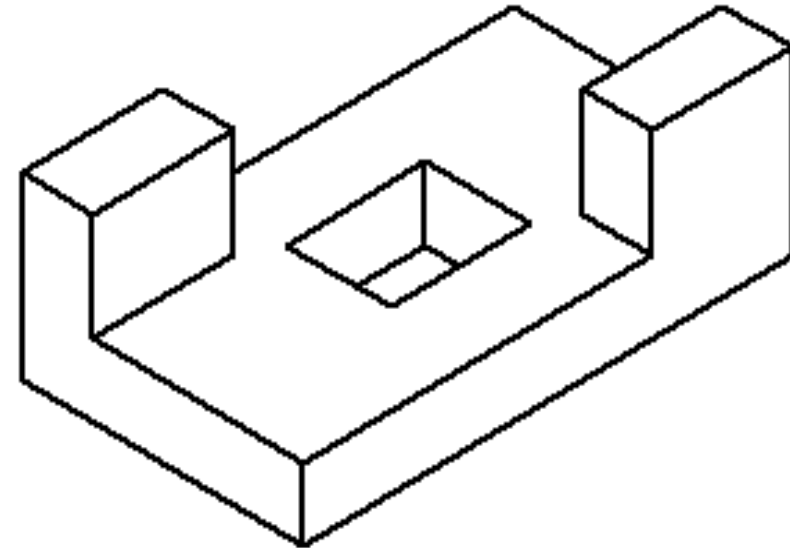
FRONT VIEW

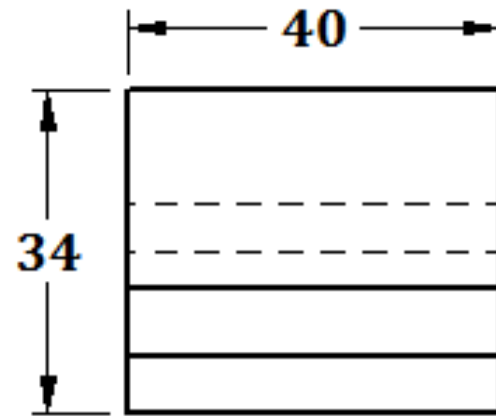


SIDE VIEW

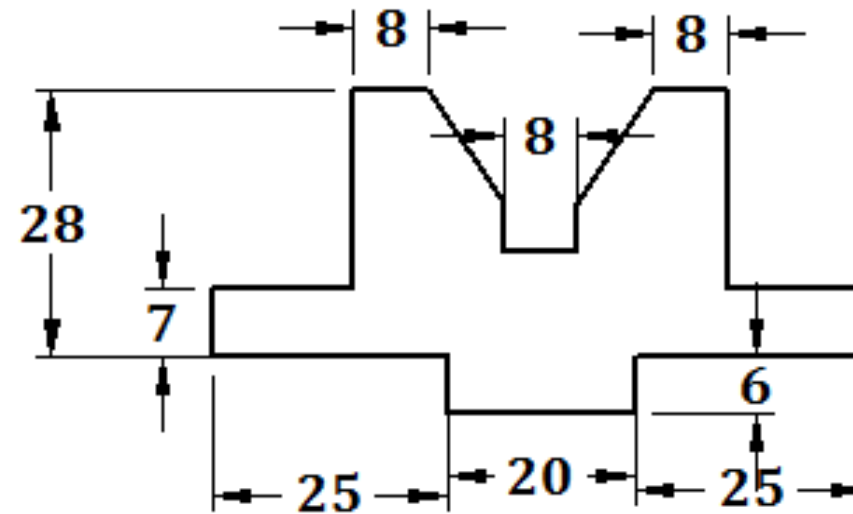


TOP VIEW

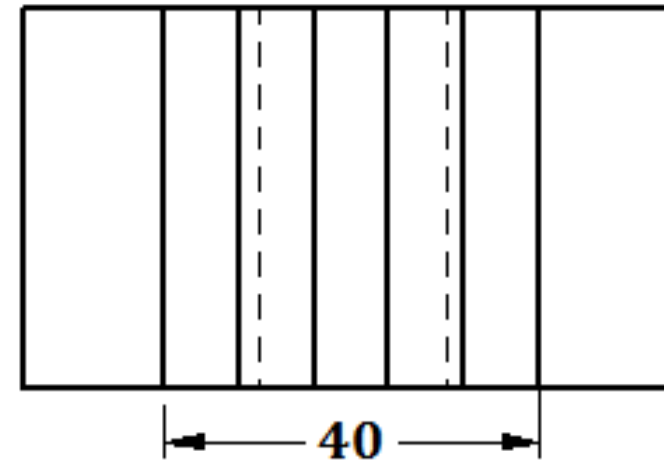
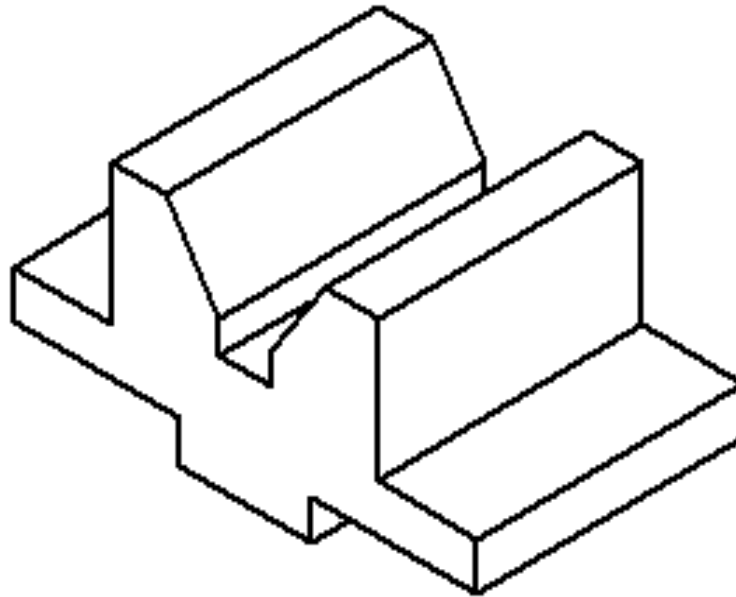




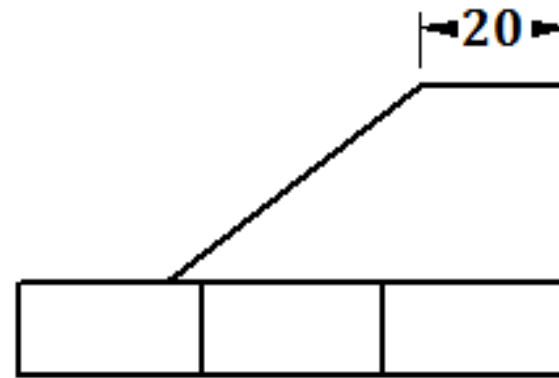
SIDE VIEW



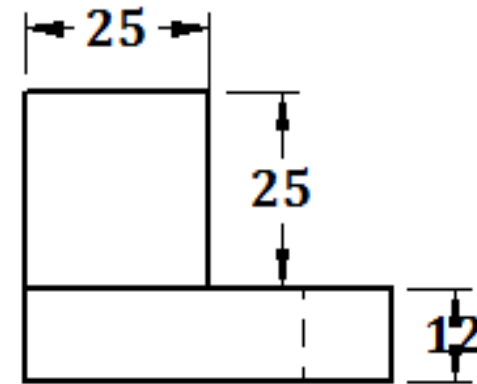
FRONT VIEW



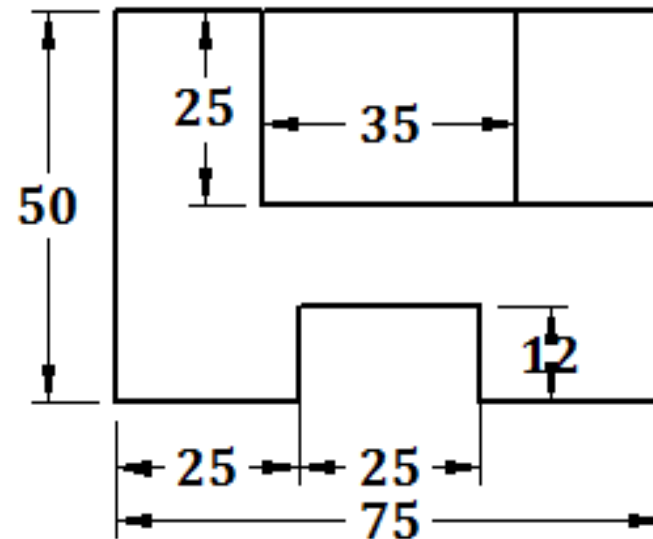
TOP VIEW



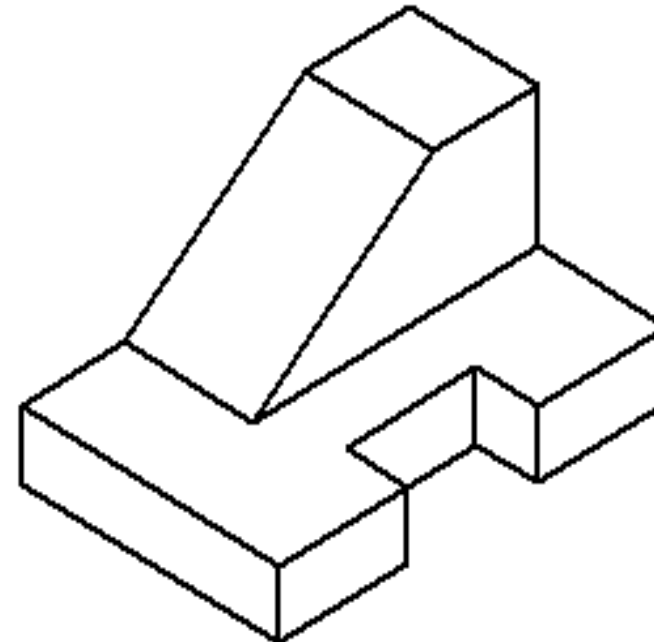
FRONT VIEW

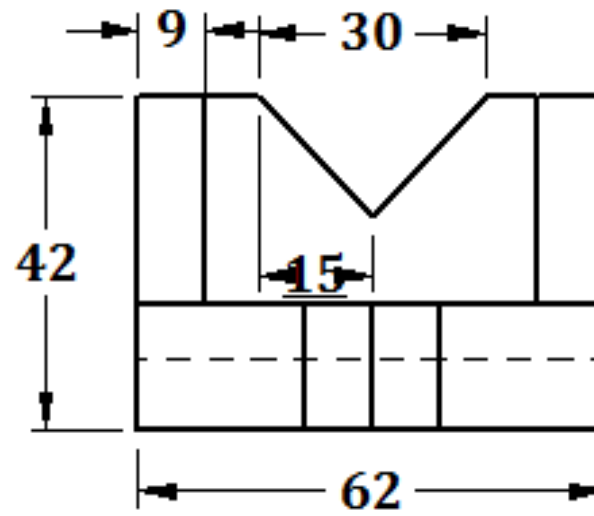


SIDE VIEW

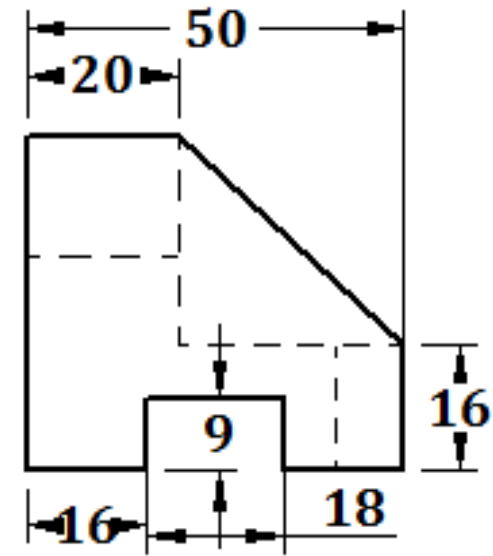


TOP VIEW

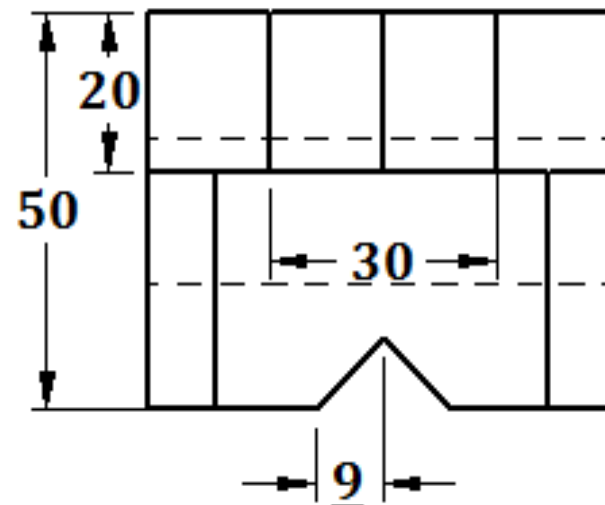




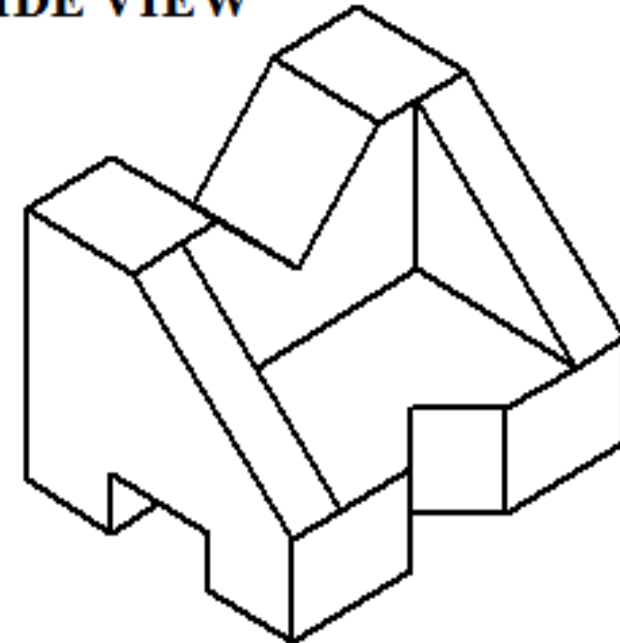
FRONT VIEW

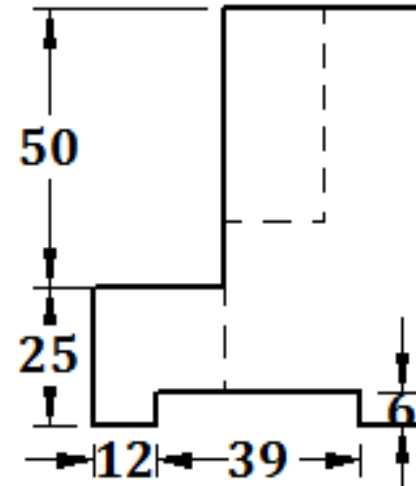


SIDE VIEW

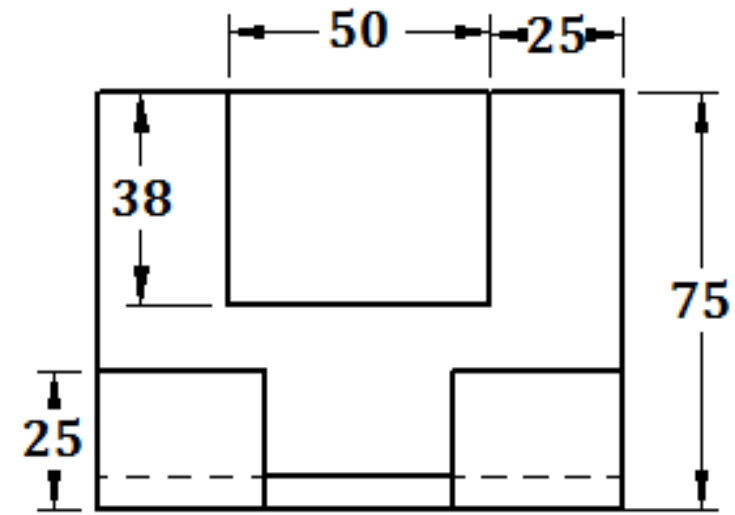


TOP VIEW

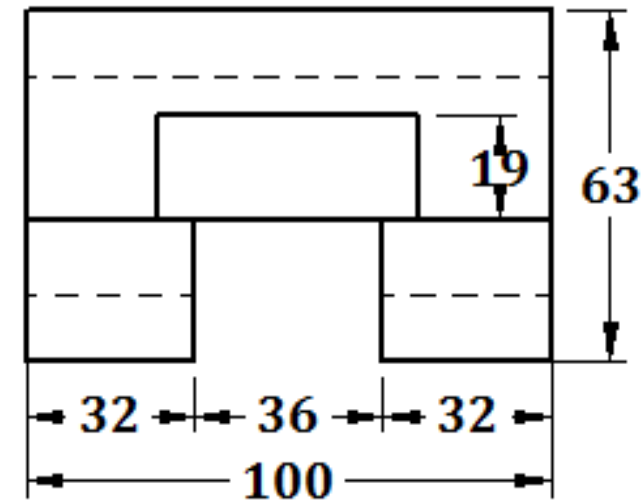
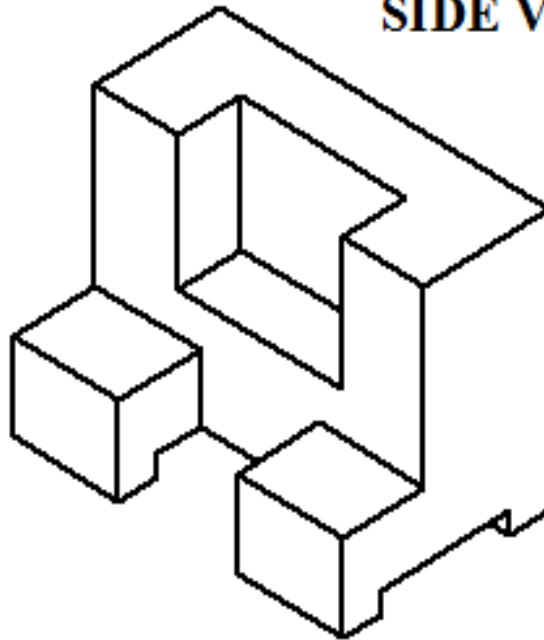




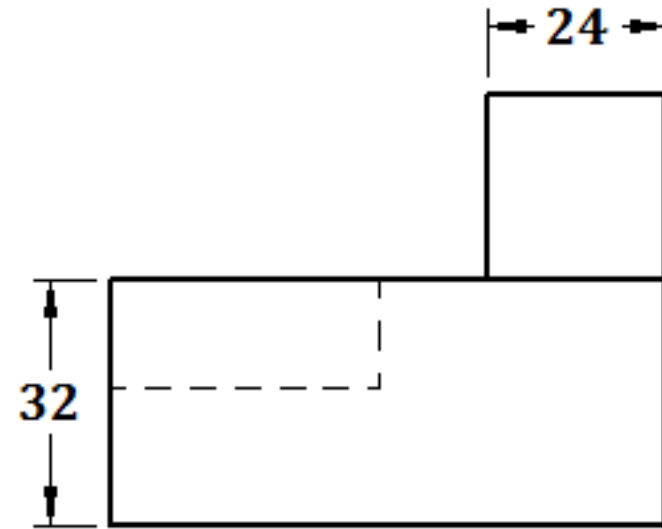
SIDE VIEW



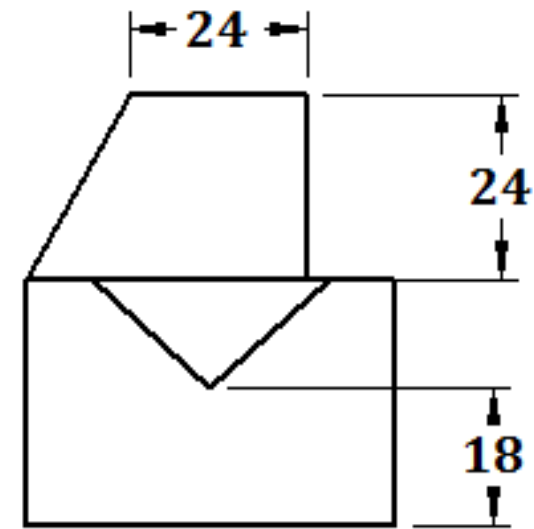
FRONT VIEW



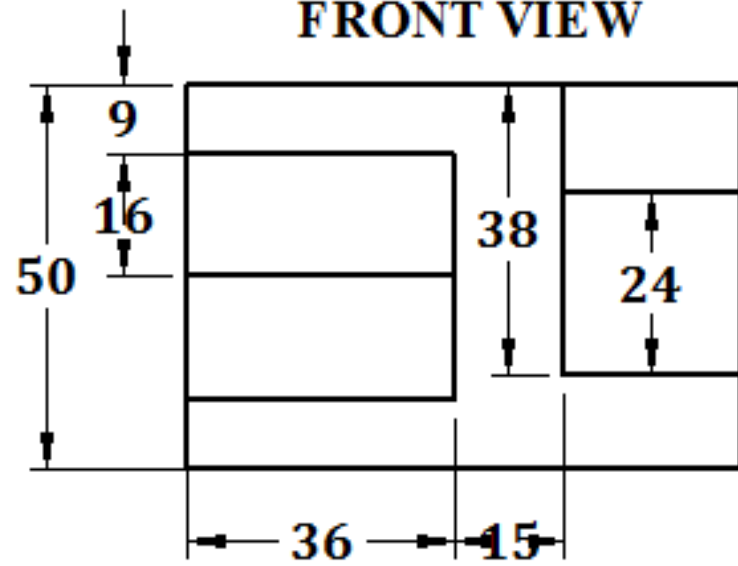
TOP VIEW



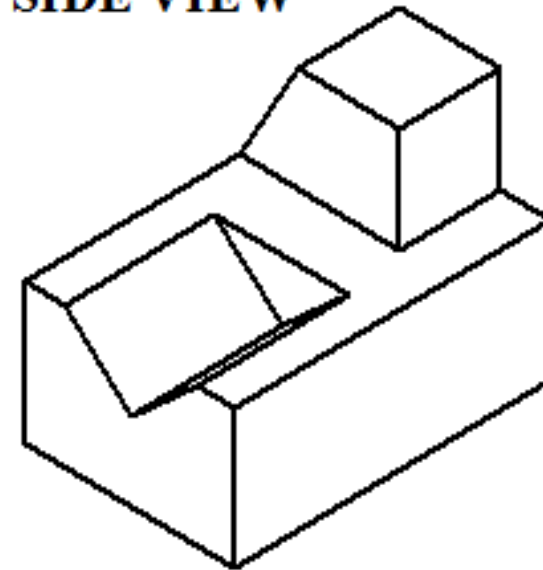
FRONT VIEW

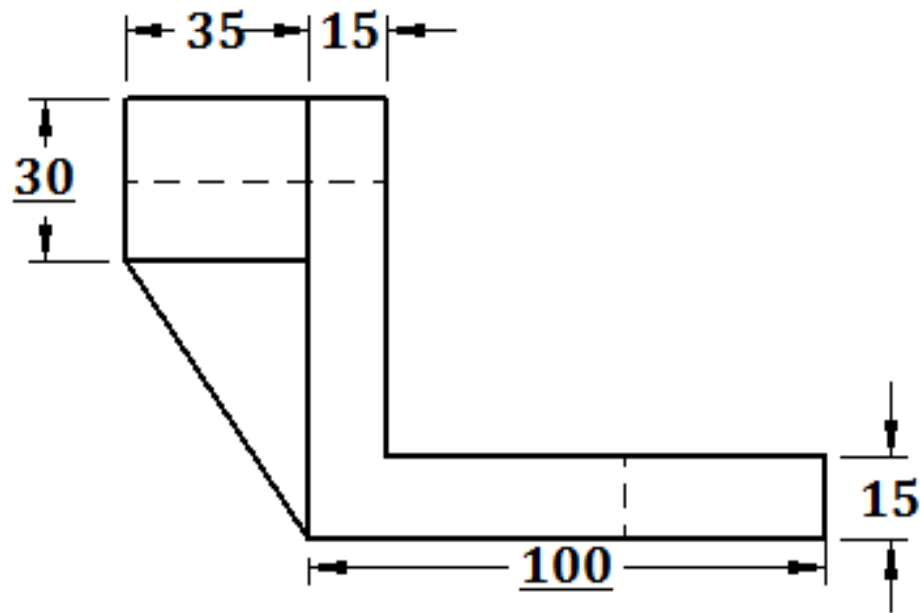


SIDE VIEW

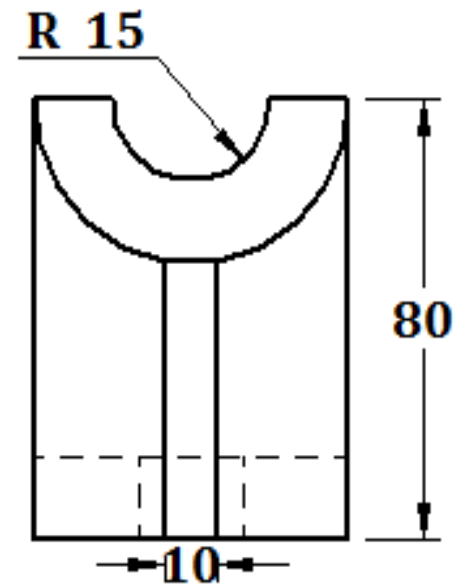


TOP VIEW

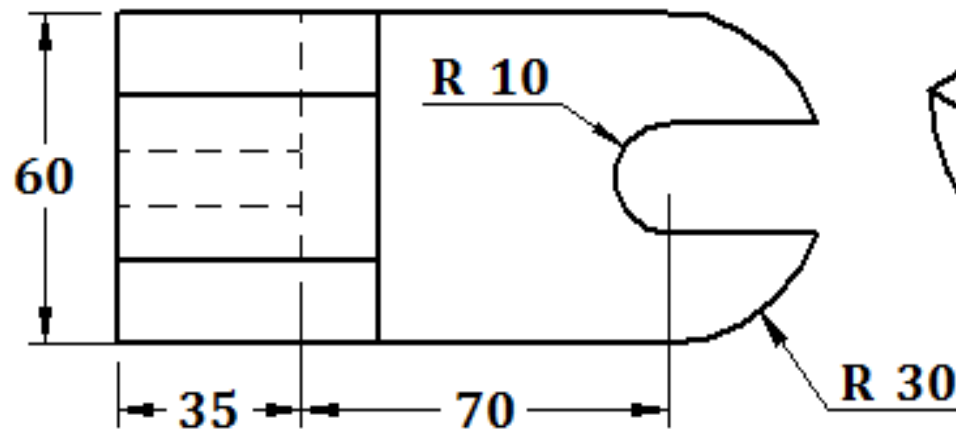




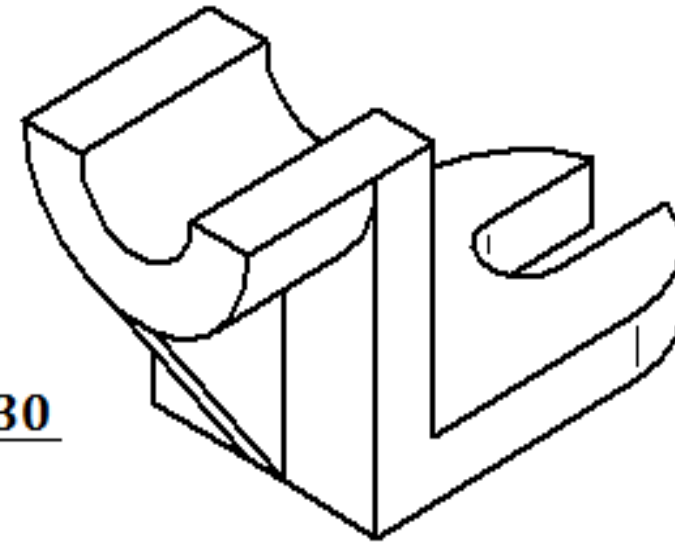
FRONT VIEW

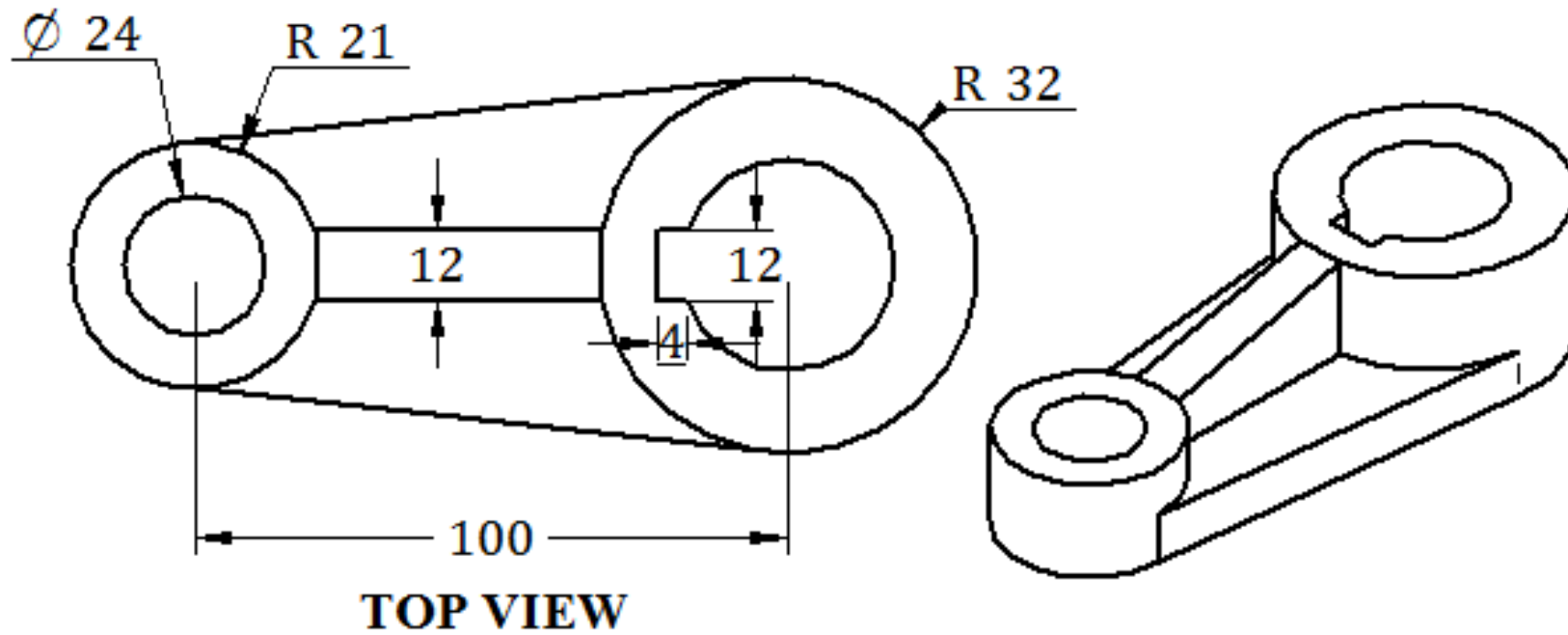
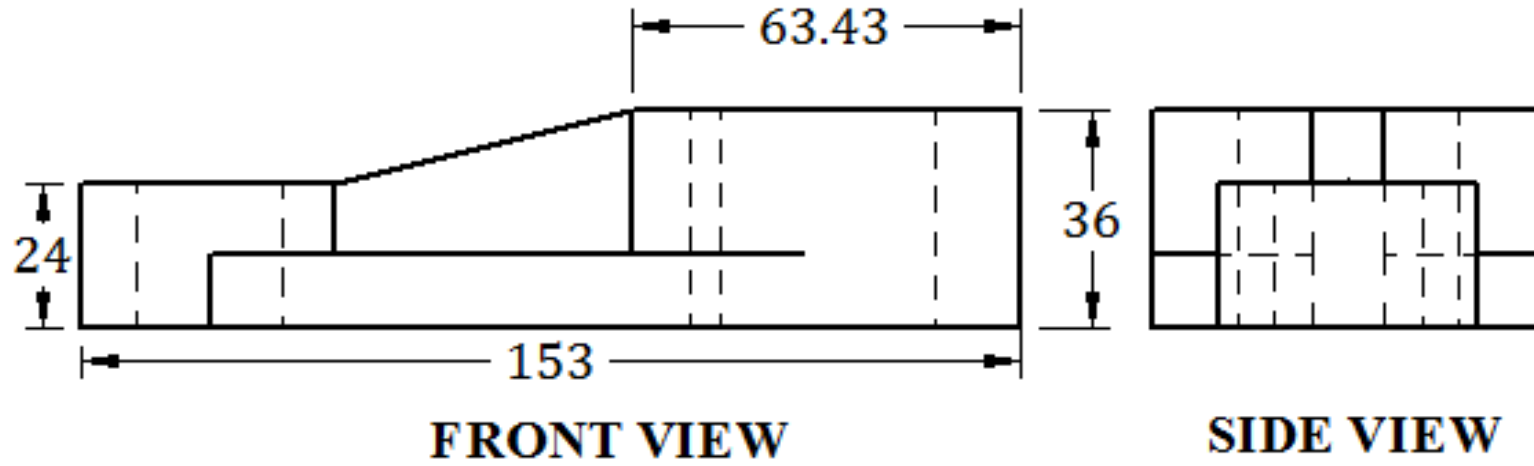


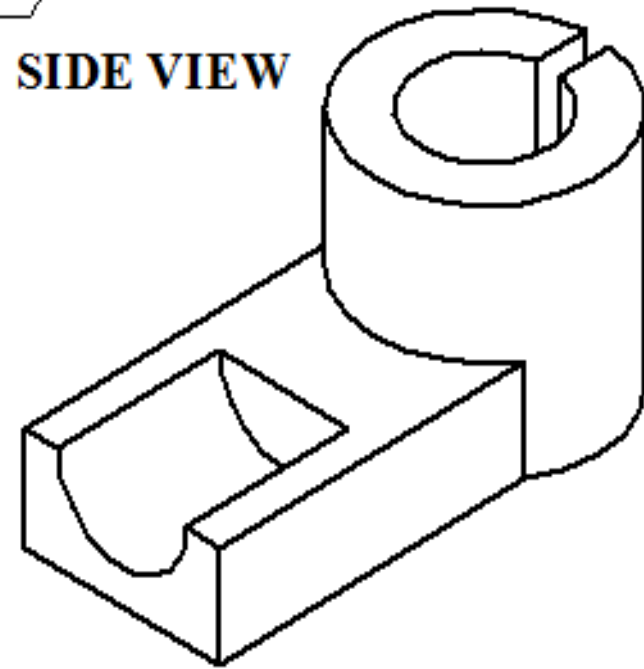
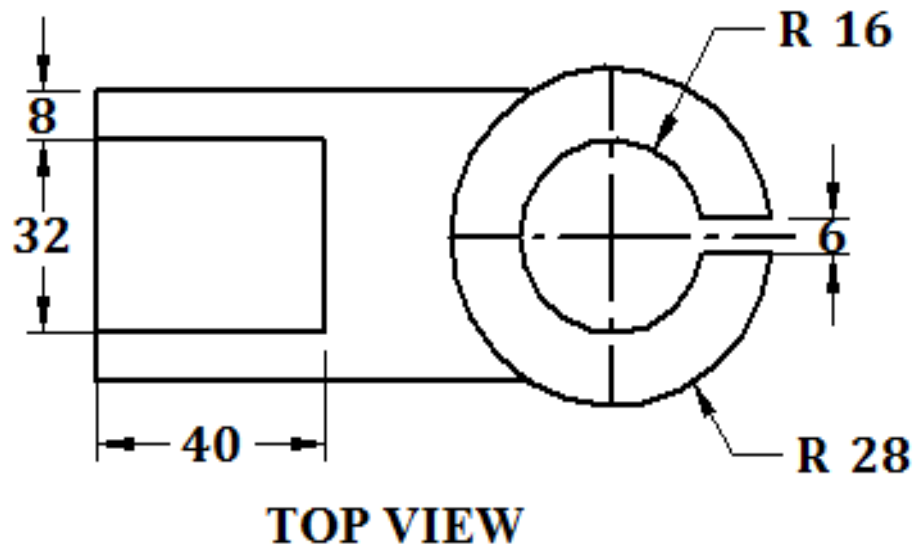
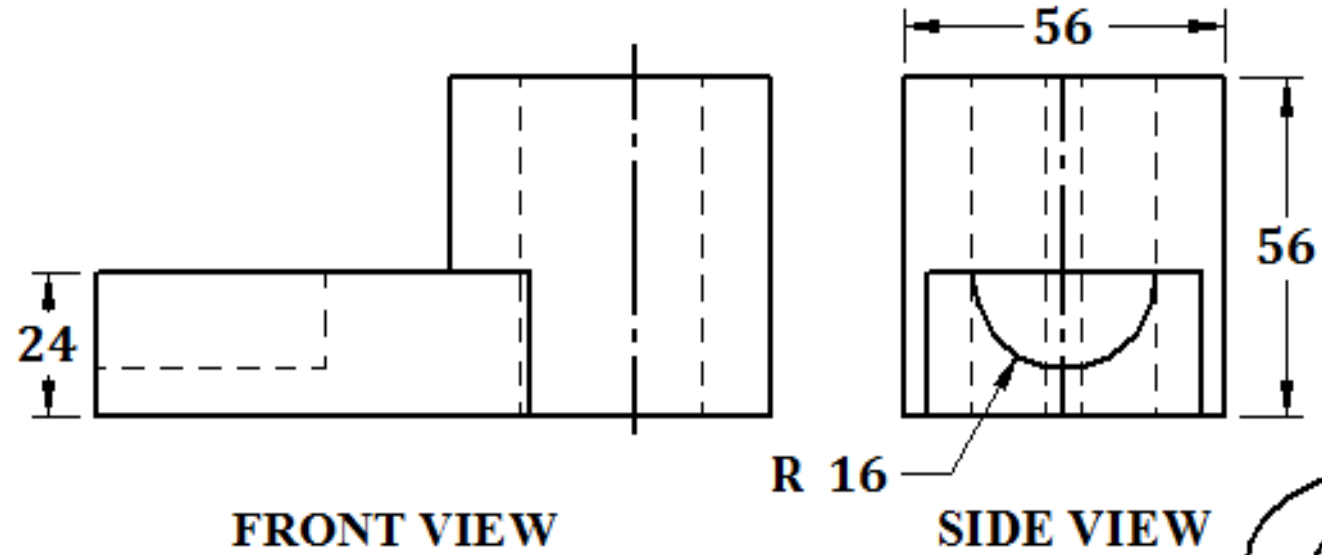
SIDE VIEW



TOP VIEW

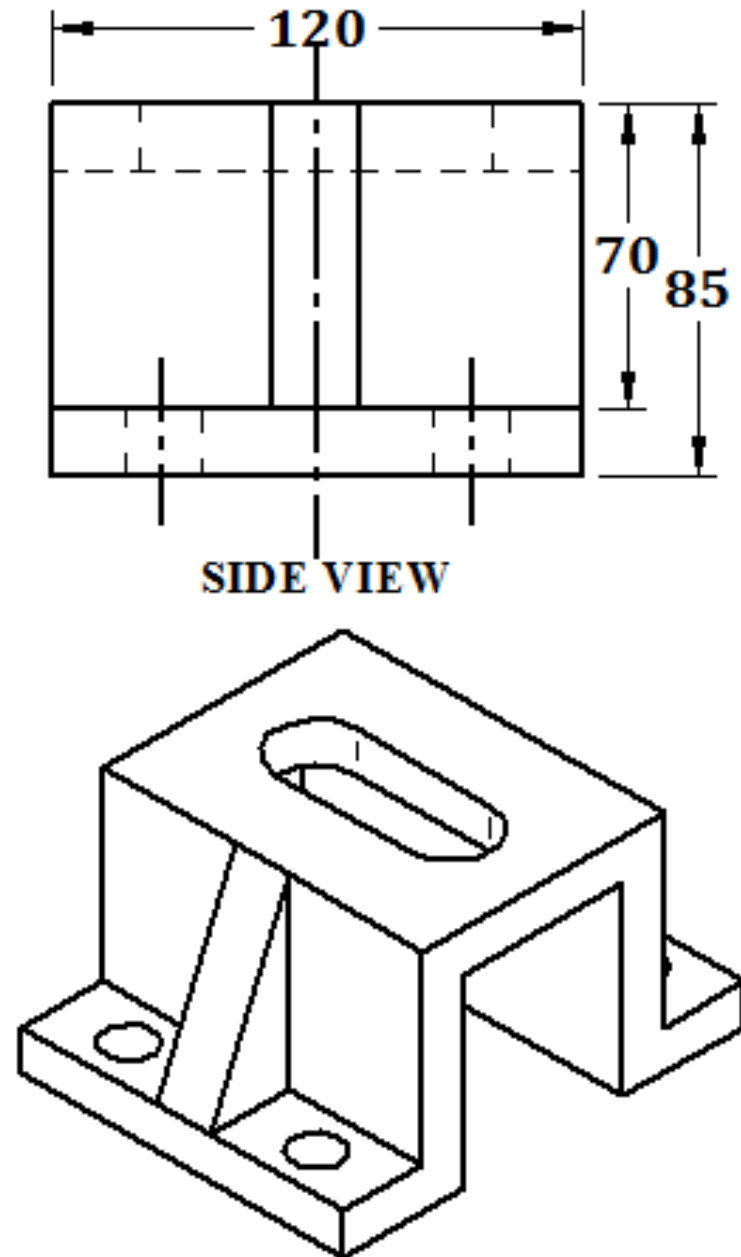
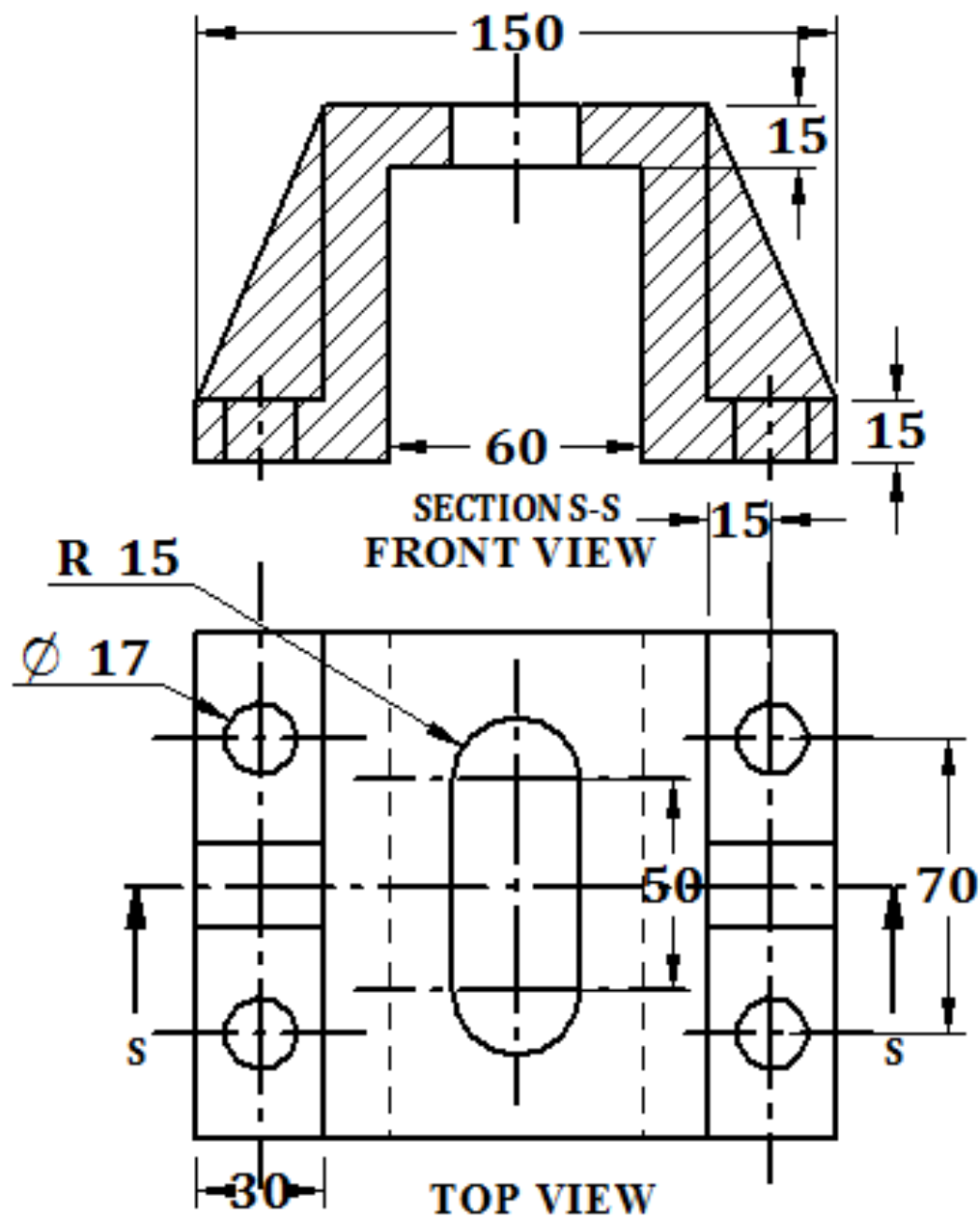


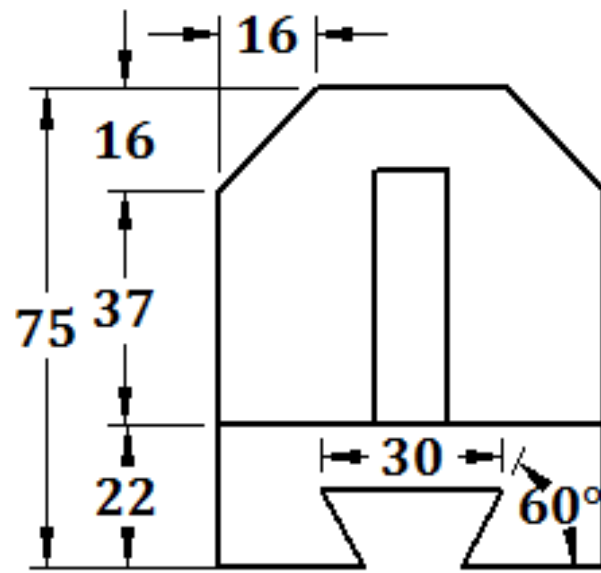




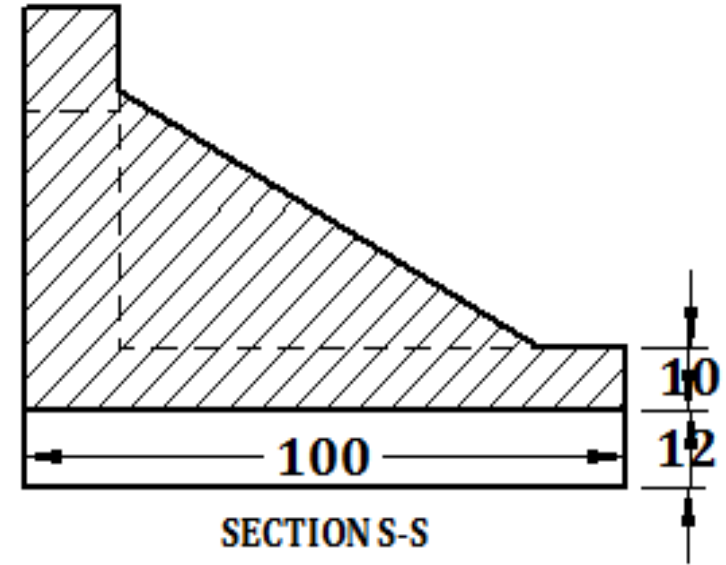
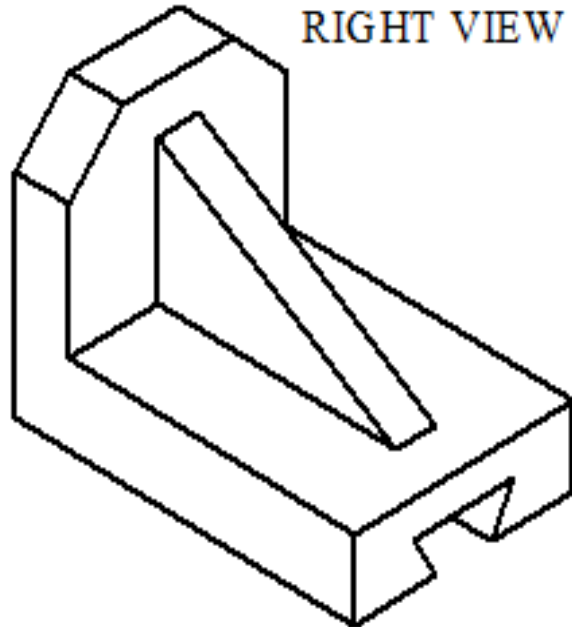


**orthographic projections of simple machine parts with
section modelled in solid edge.**

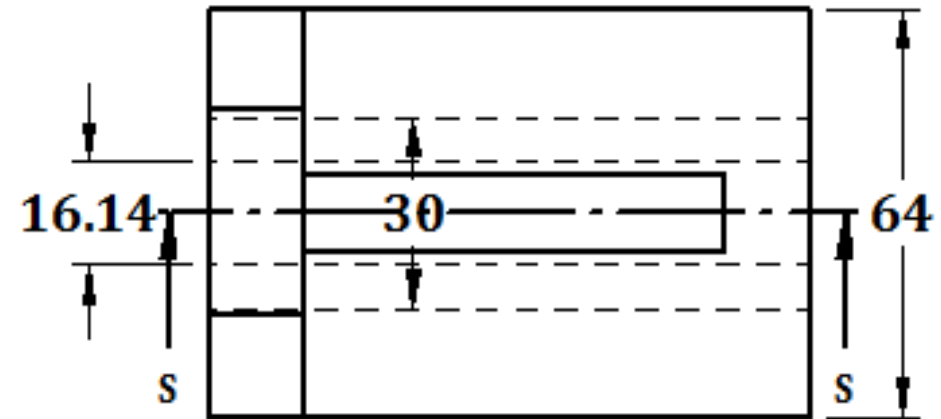




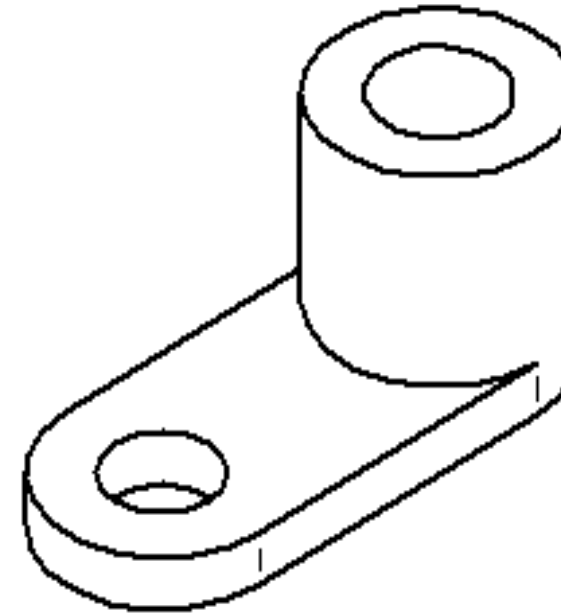
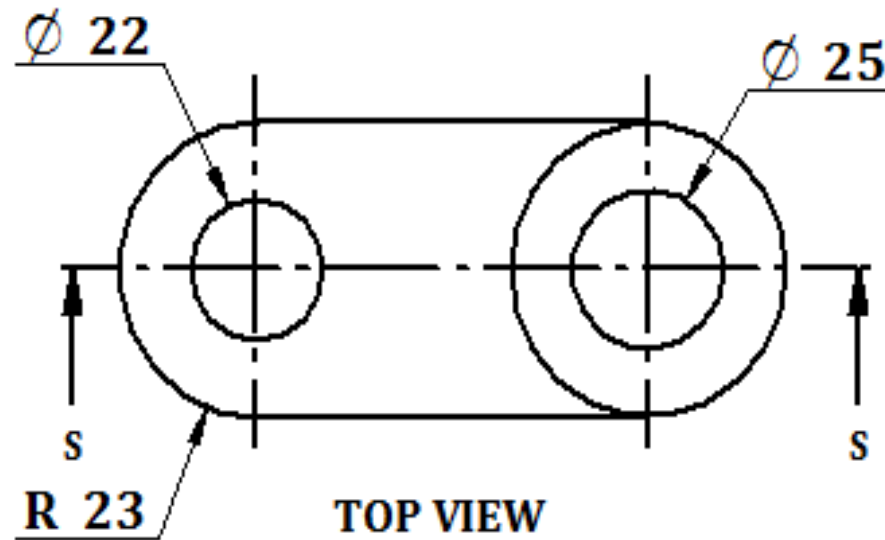
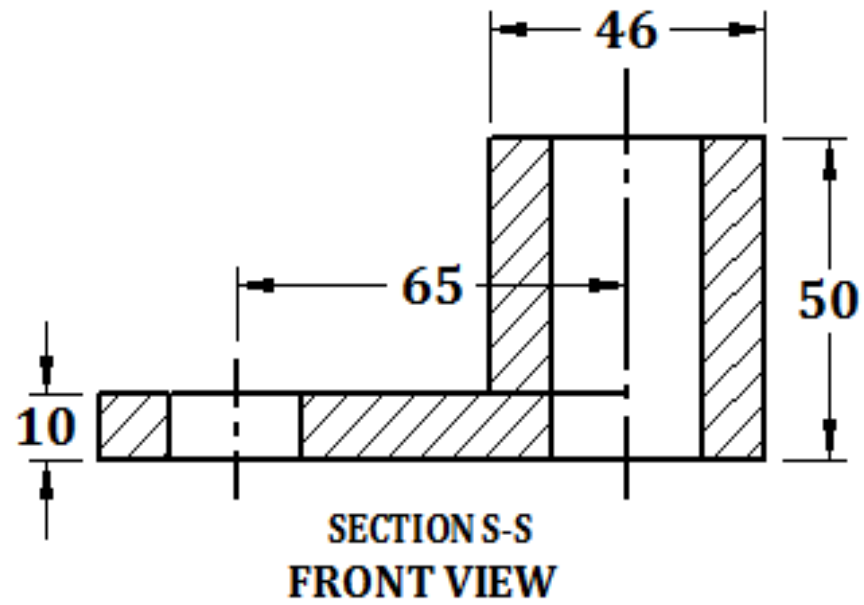
RIGHT VIEW

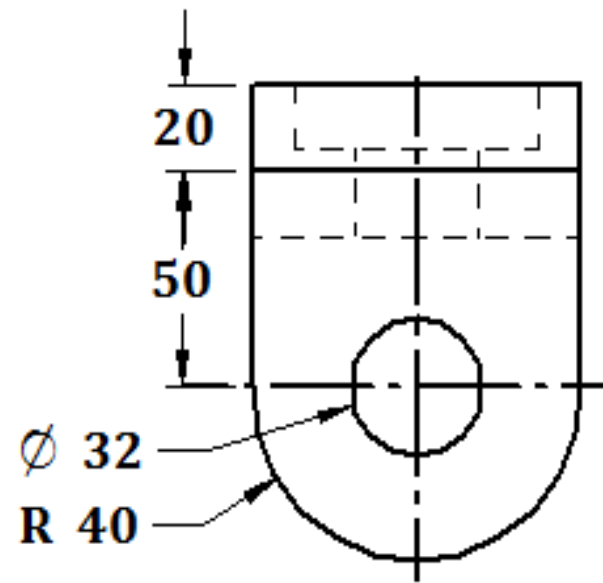


SECTION S-S
FRONT VIEW IN SECTION

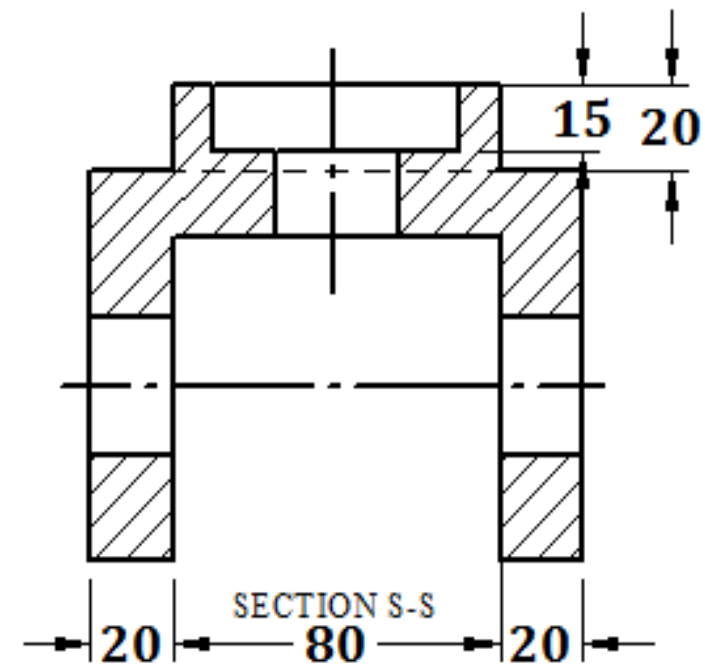


TOP VIEW

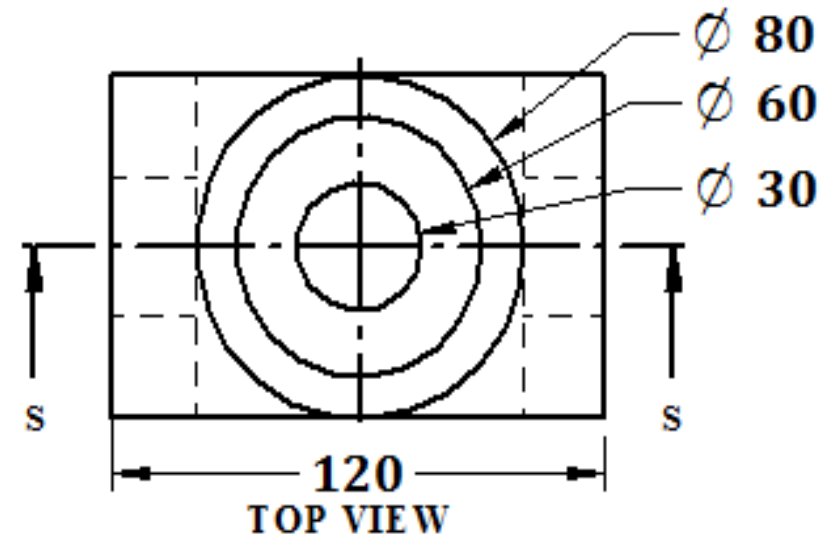
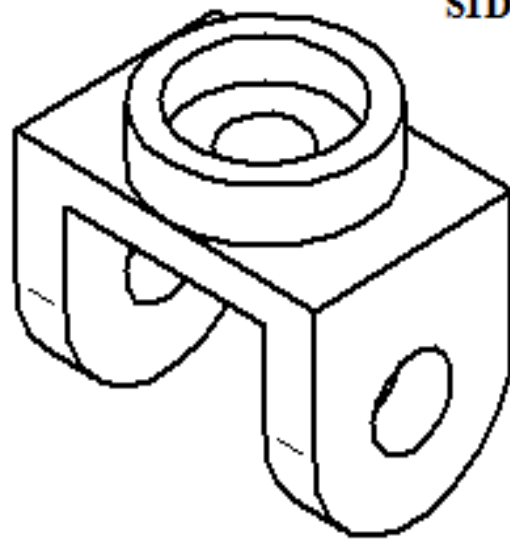




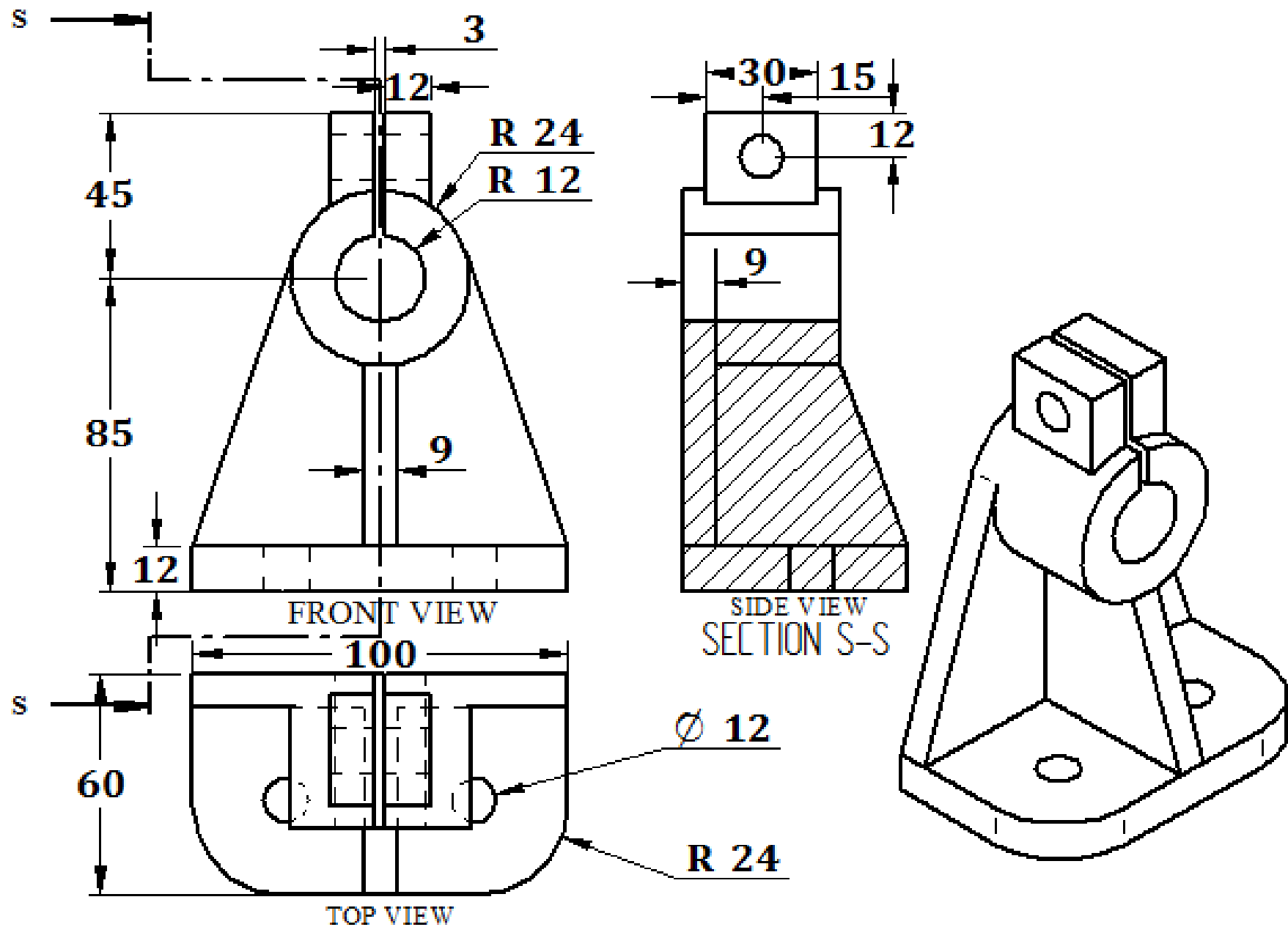
SIDE VIEW

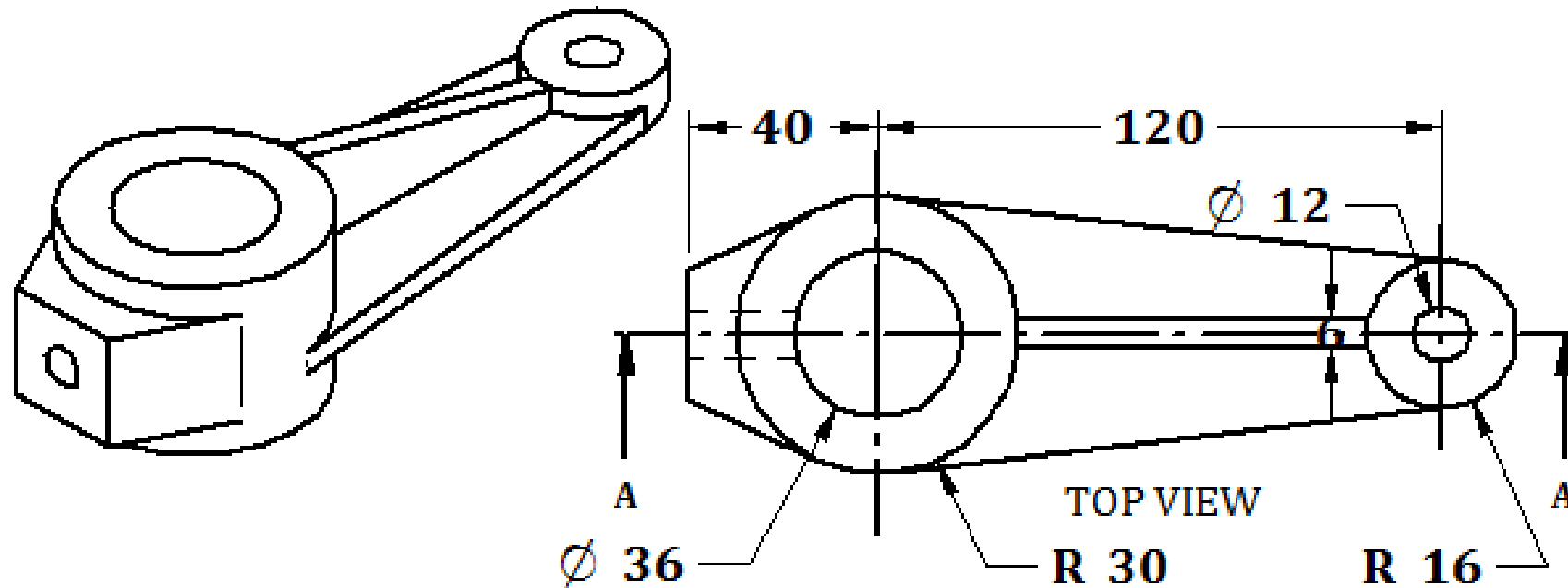
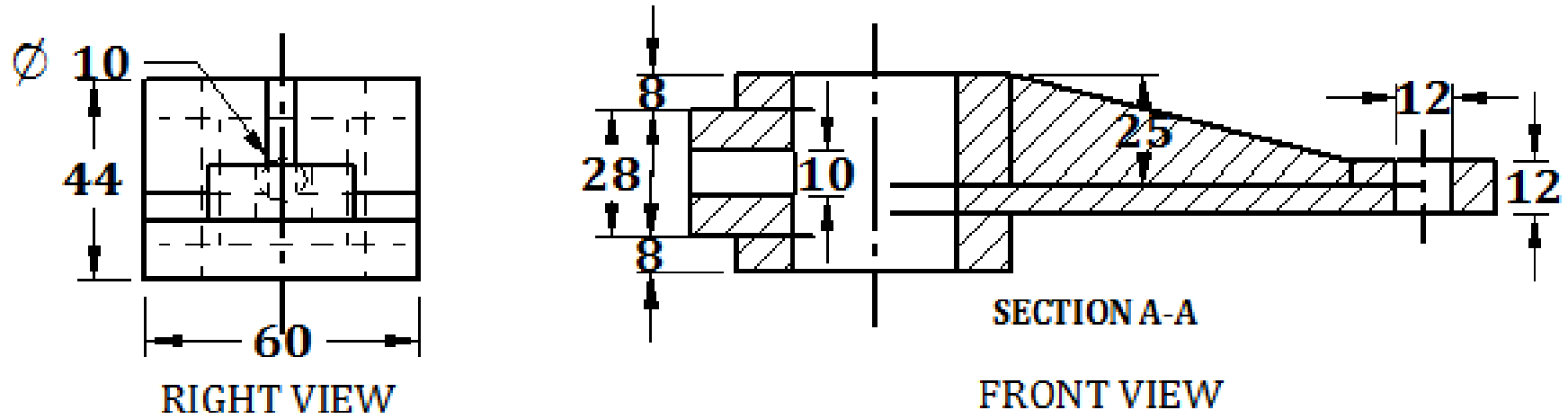


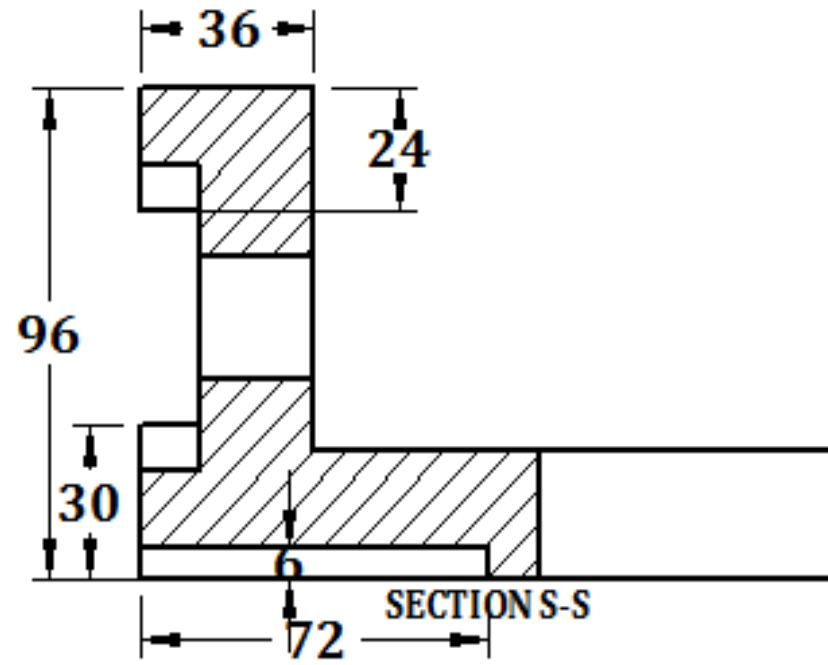
FRONT VIEW



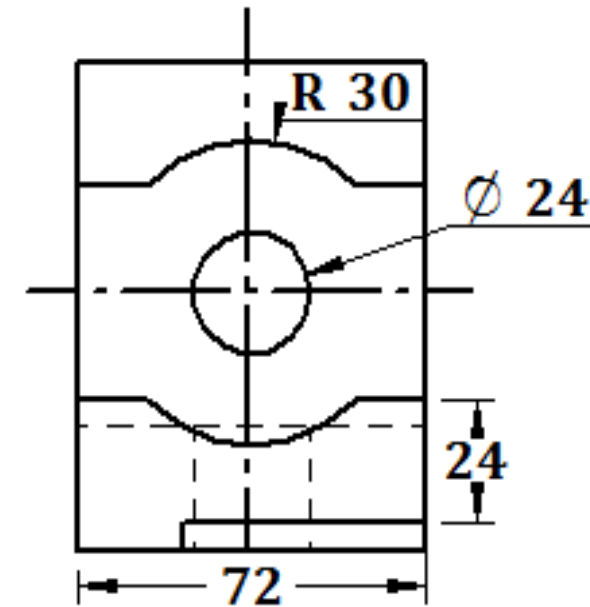
TOP VIEW



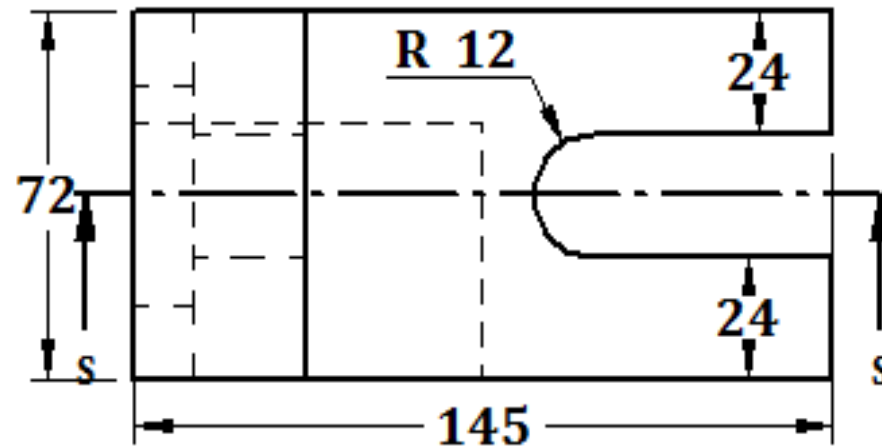




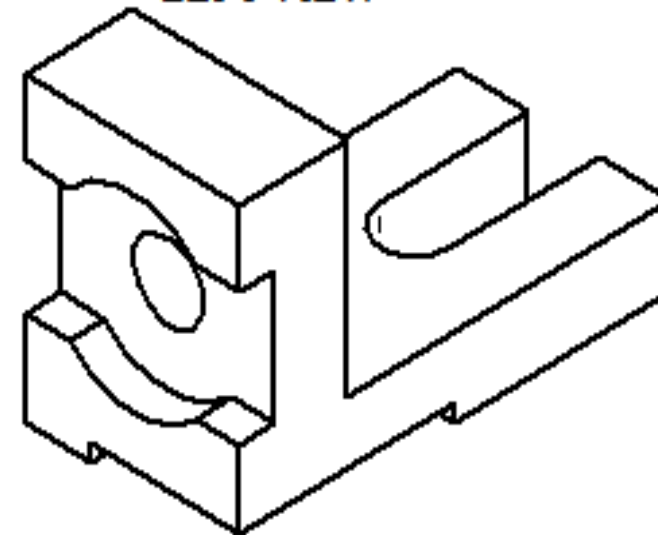
FRONT VIEW

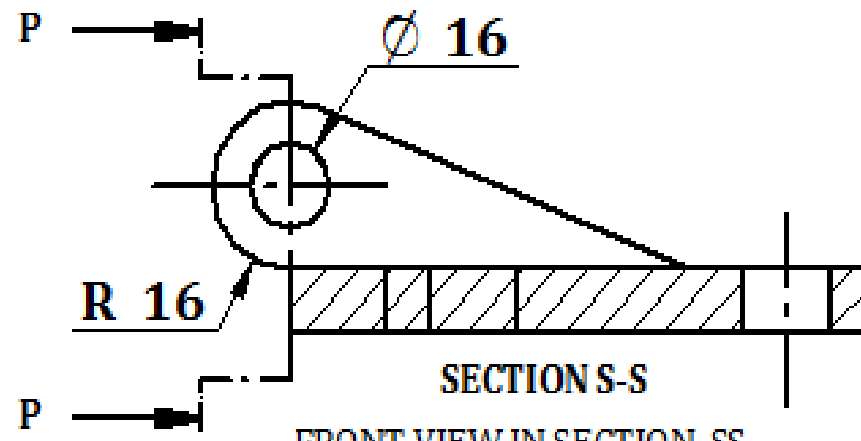


LEFT VIEW

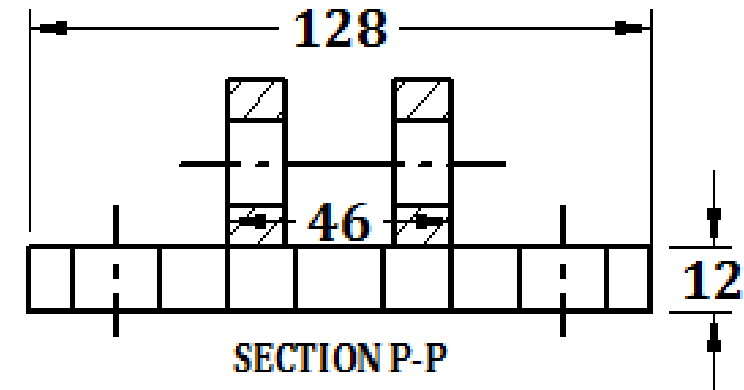


TOP VIEW

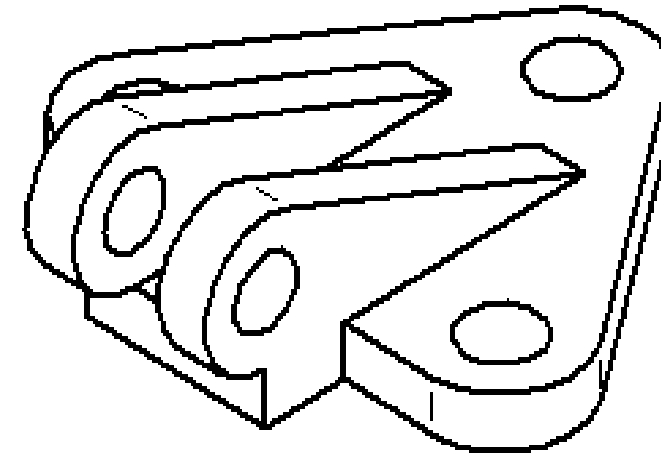
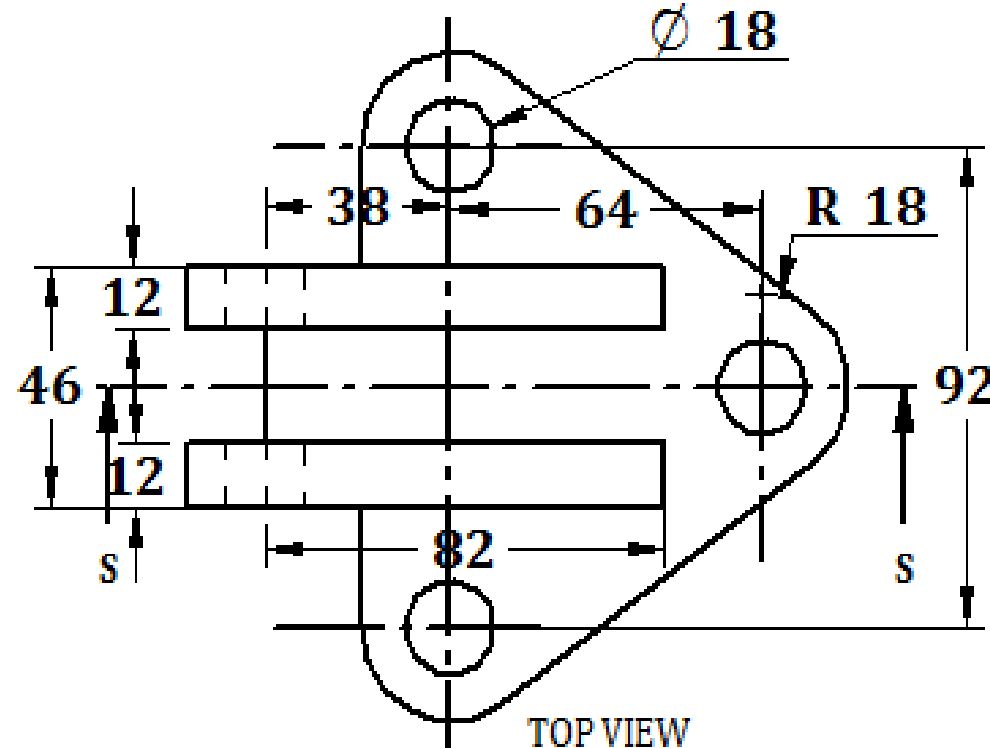


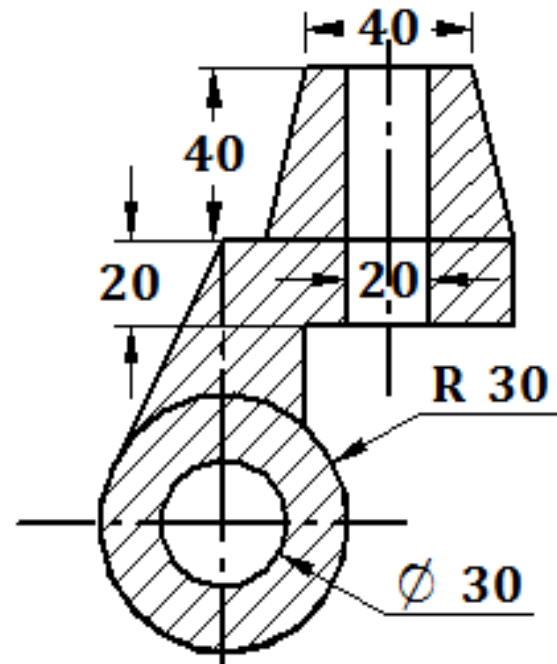


FRONT VIEW IN SECTION SS

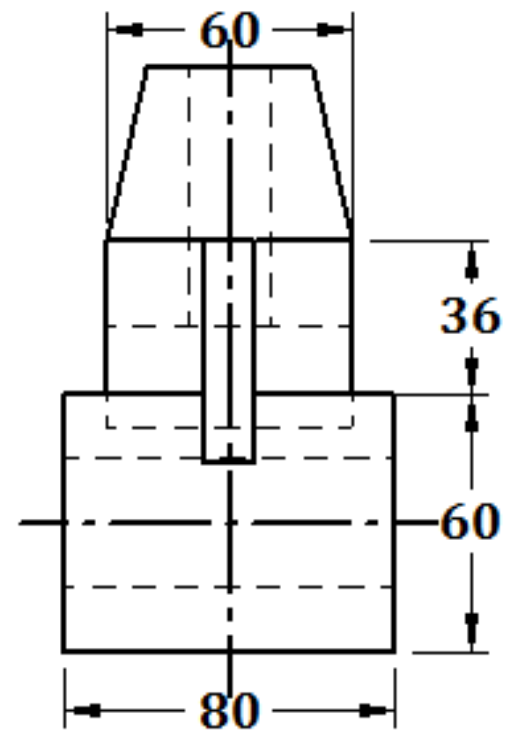


LEFT VIEW IN SECTION PP

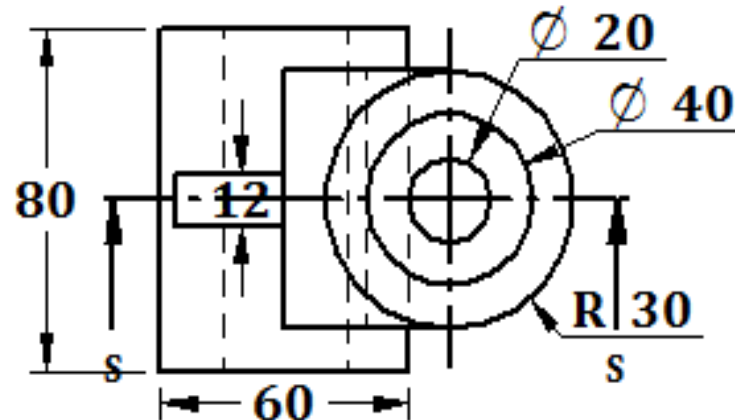




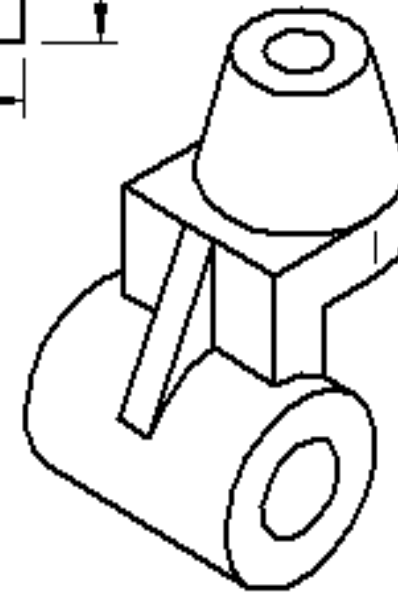
SECTION S-S
FRONT VIEW



LEFT VIEW



TOP VIEW

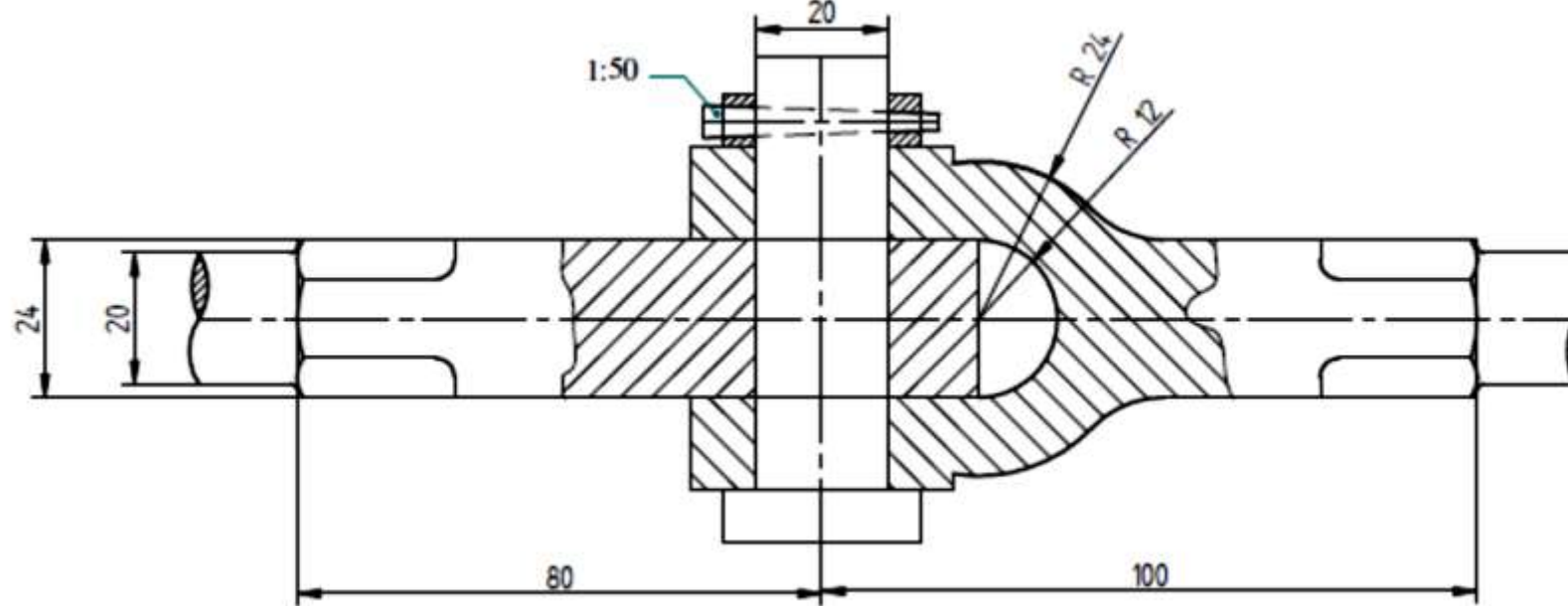




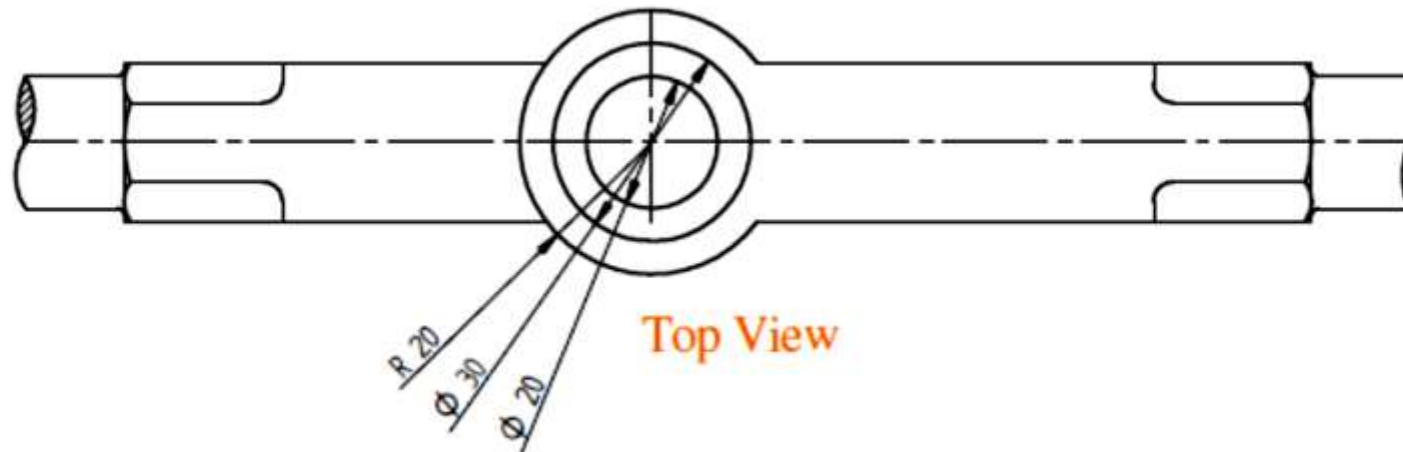
Module-4

Joints: Cotter joint (socket and spigot).

Knuckle joint (pin joint) for two rods.



front View in Full section



Top View

Knuckle Joint



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Thank You