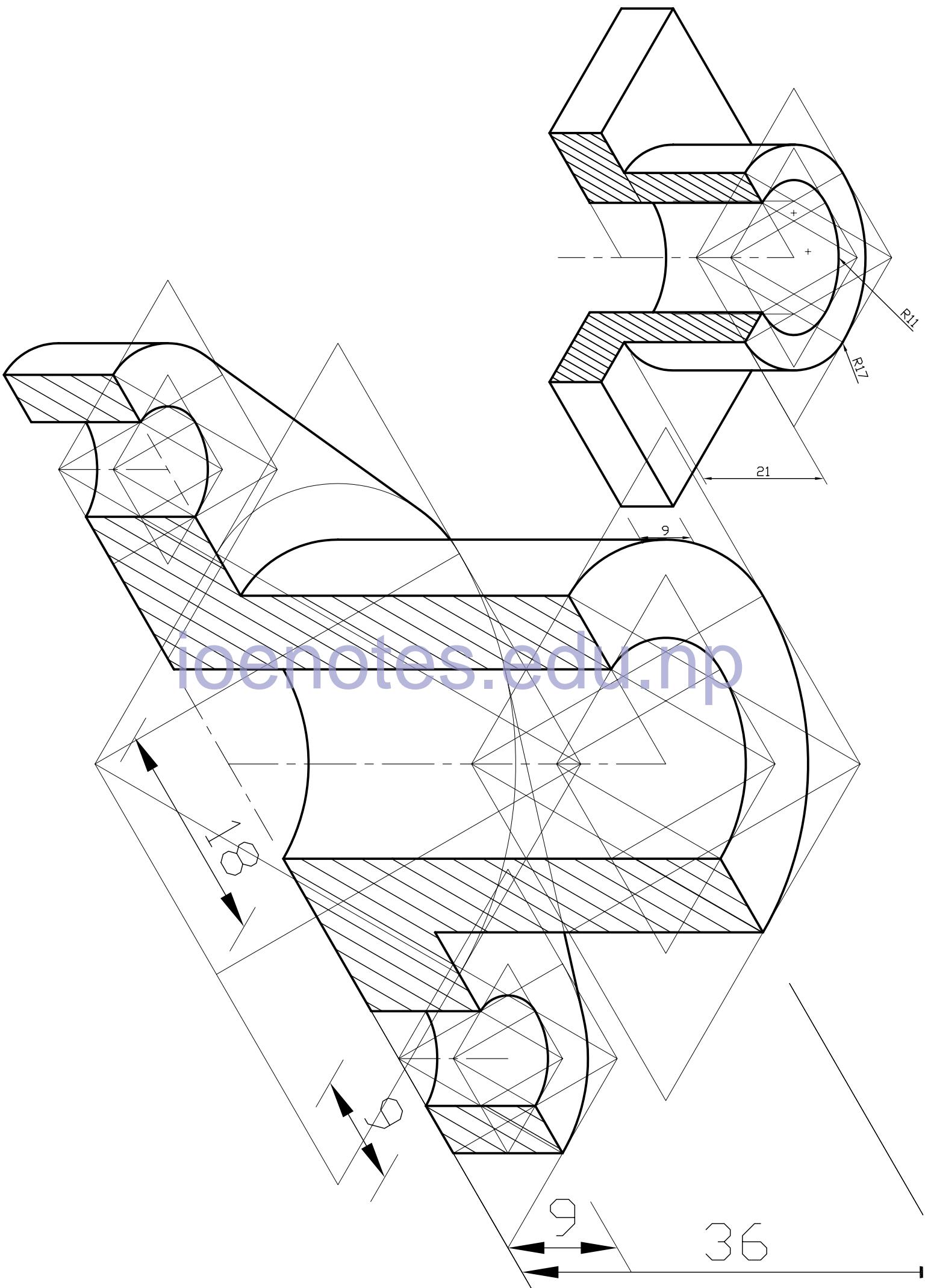
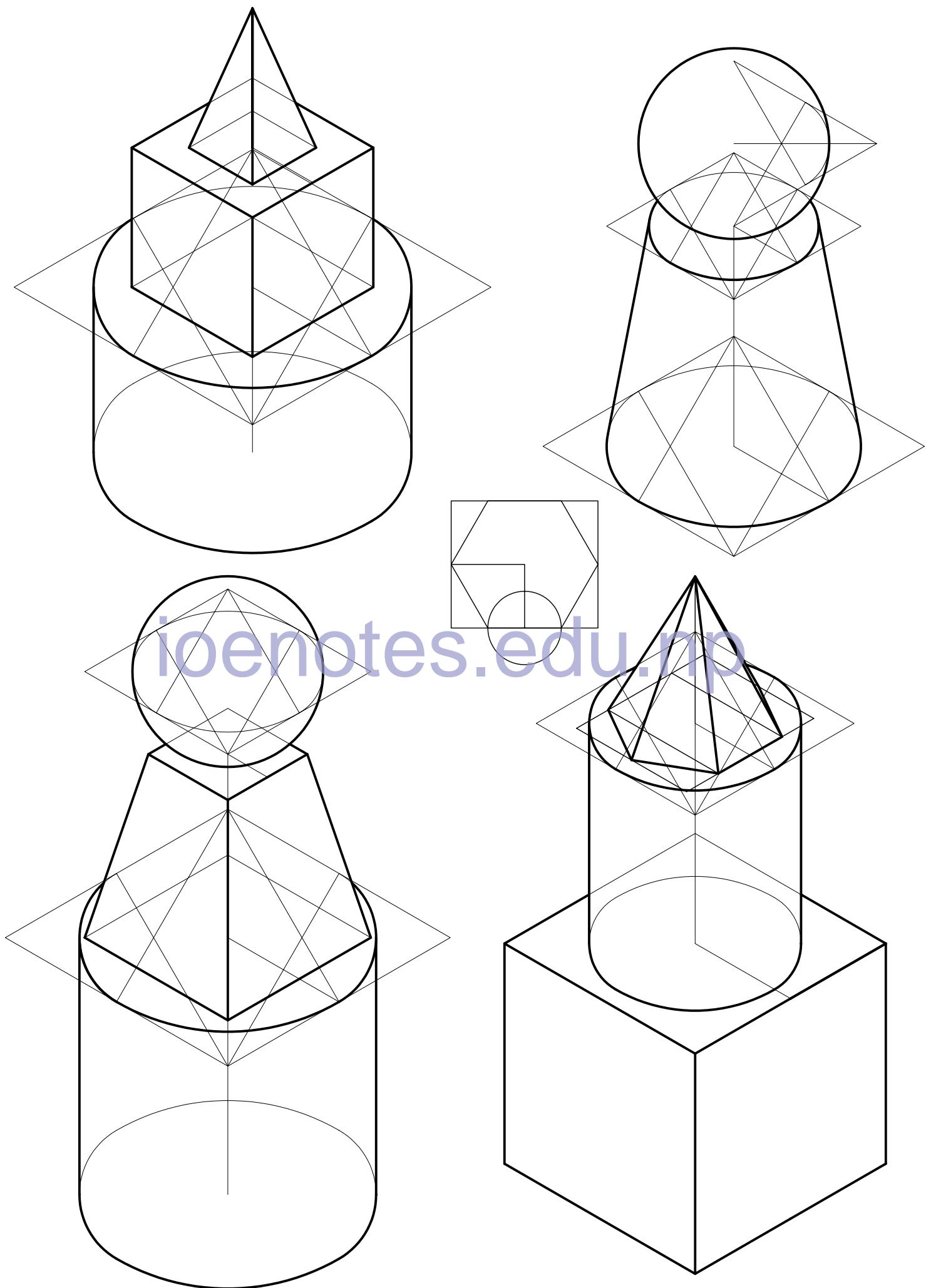


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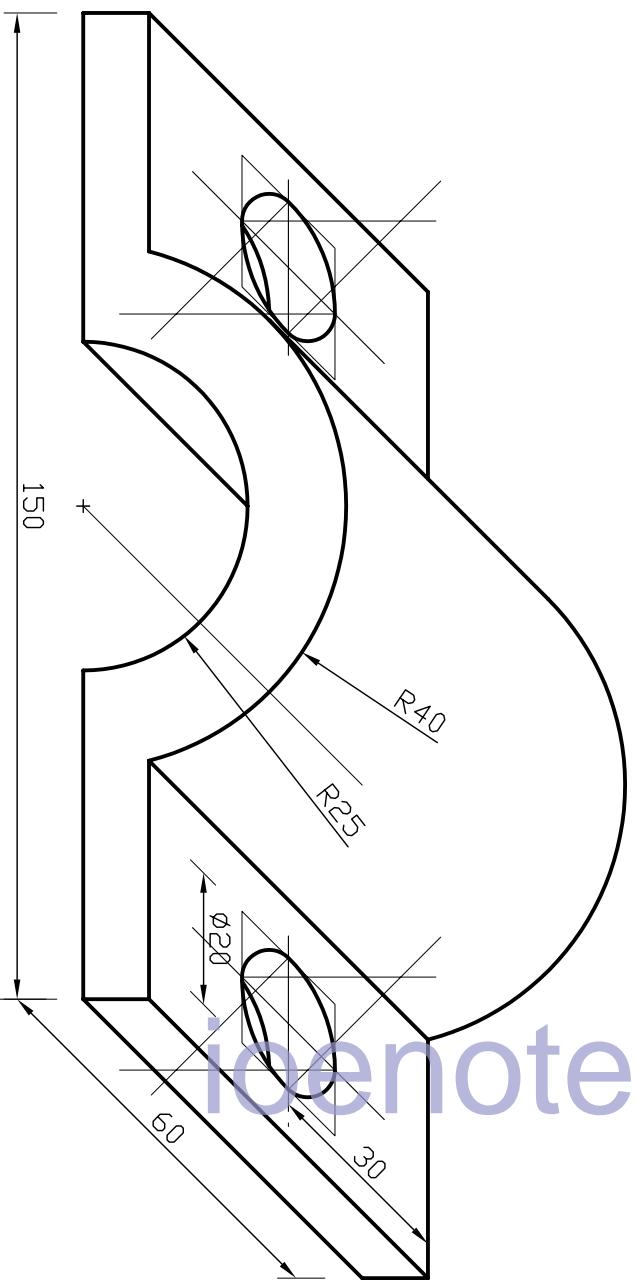
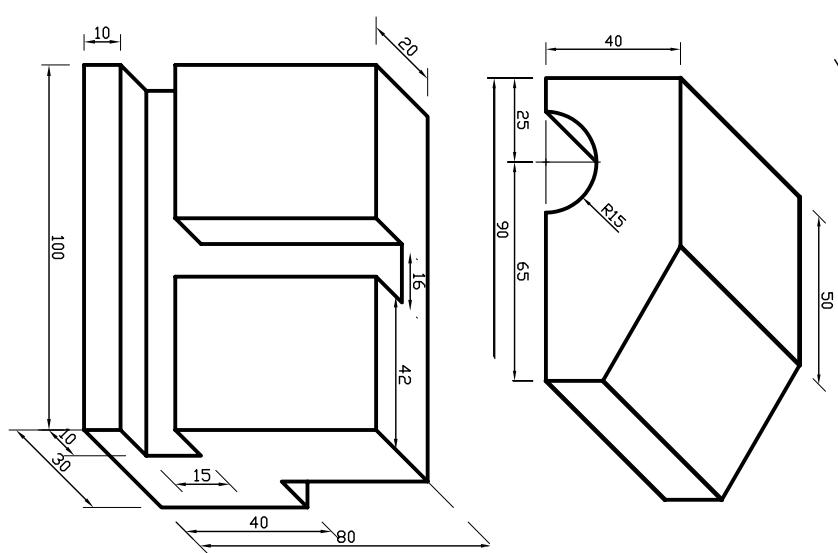
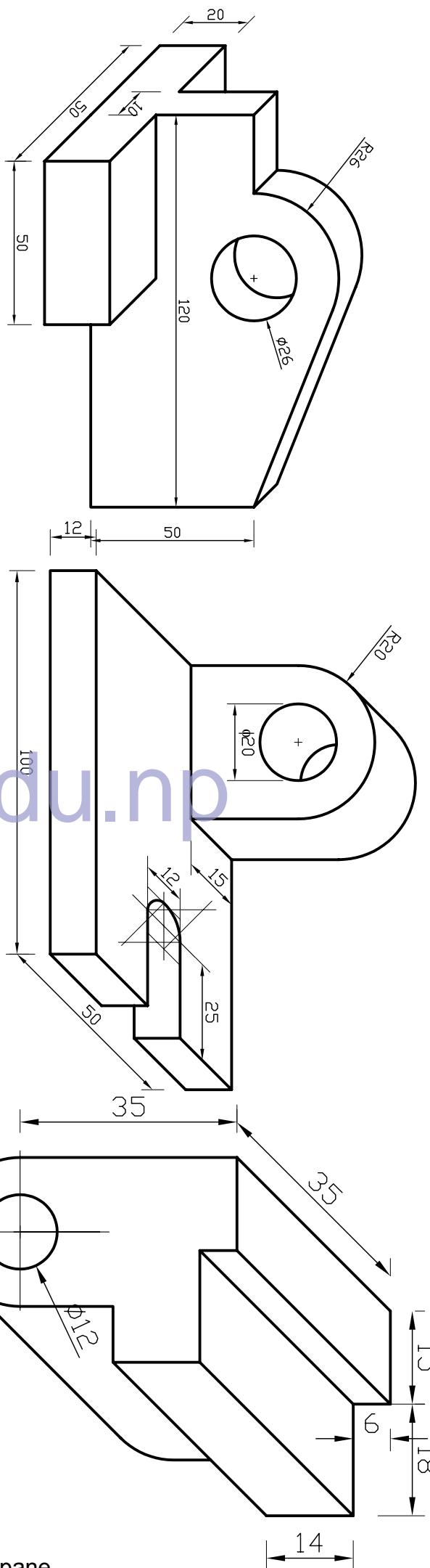
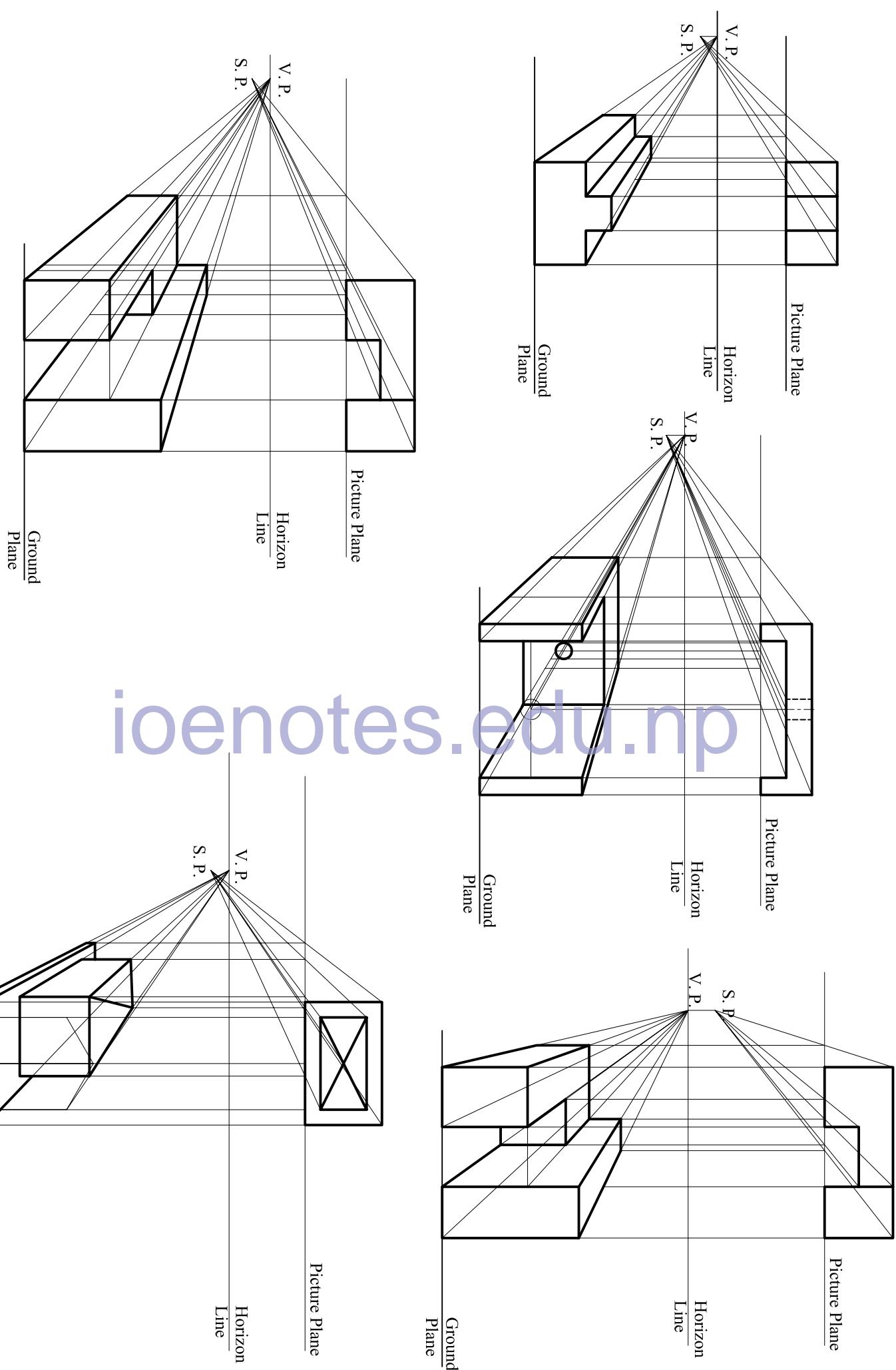
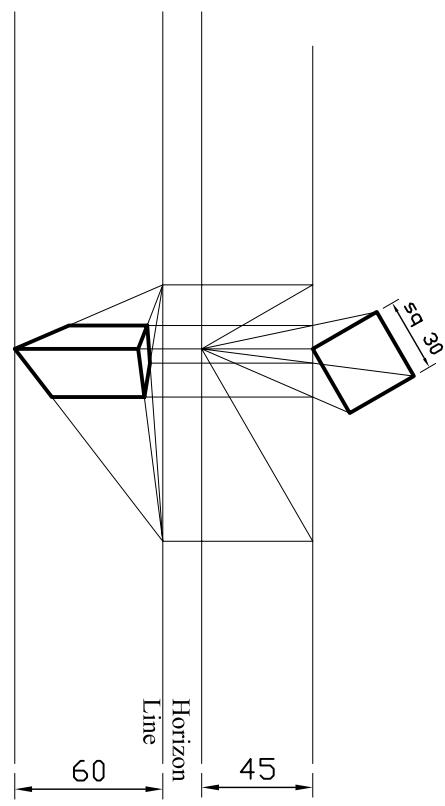
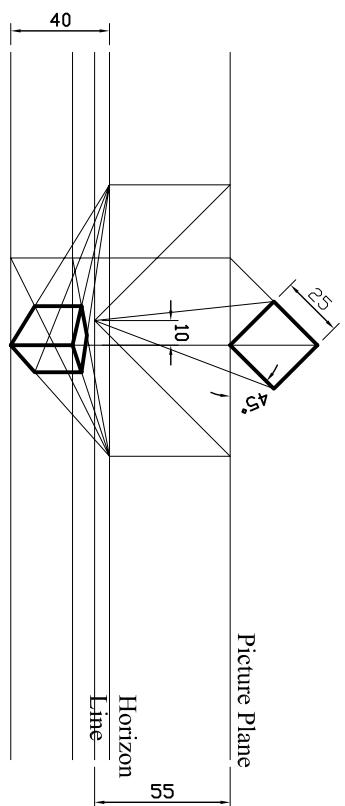


Fig OBLIQUE PROJECTION

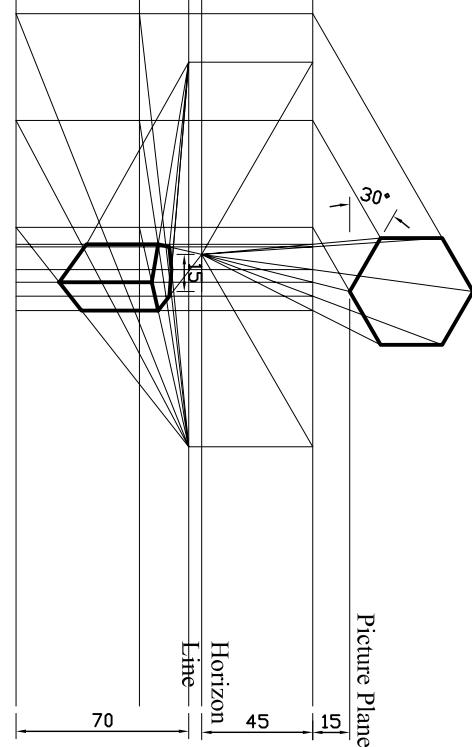
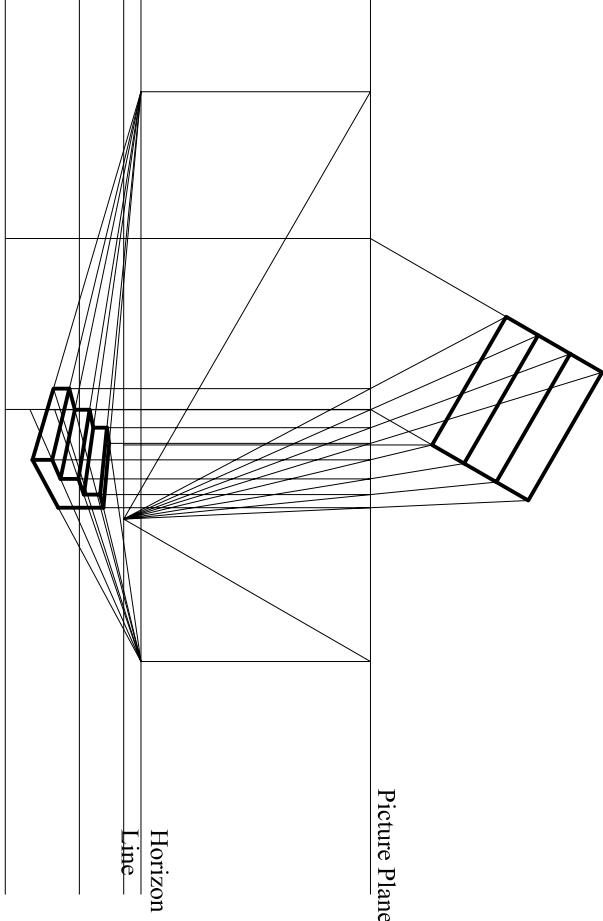




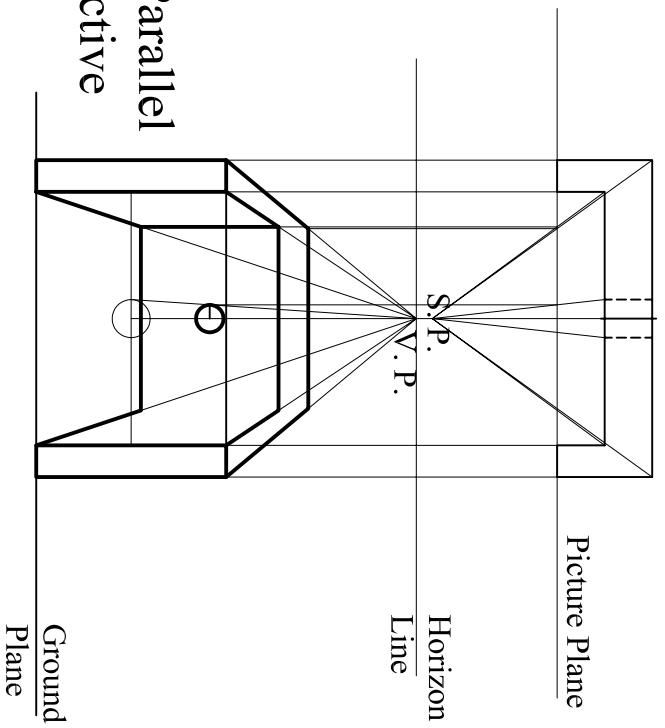
1 pt. or Parallel
Perspective



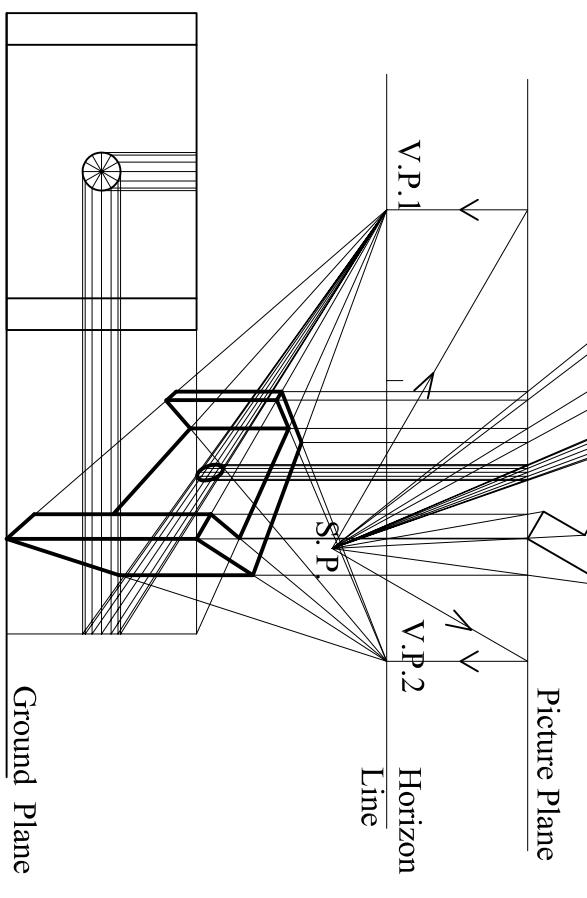
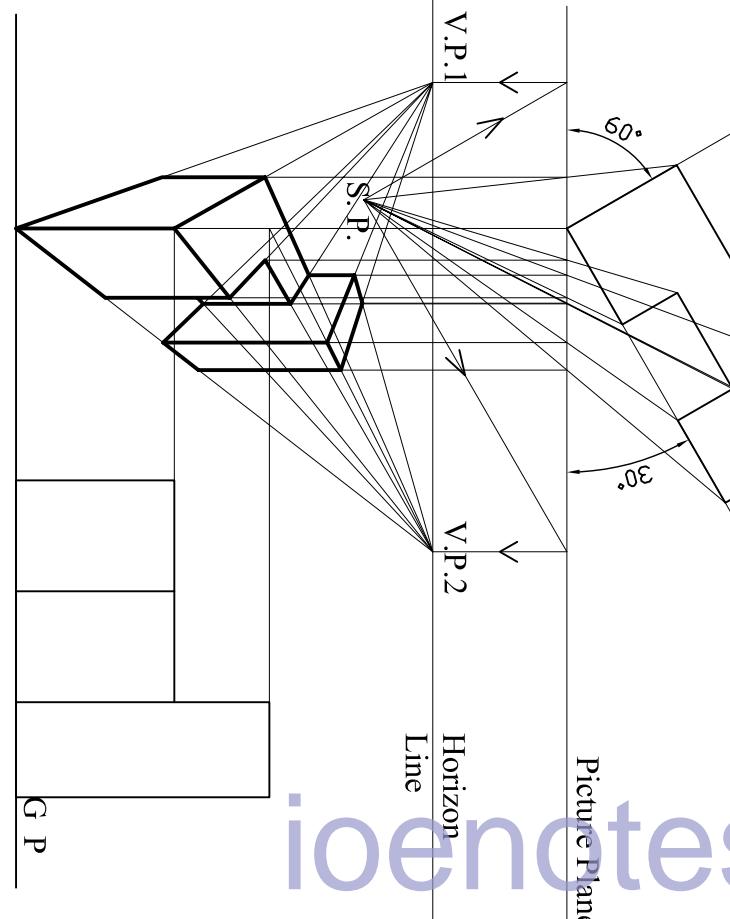
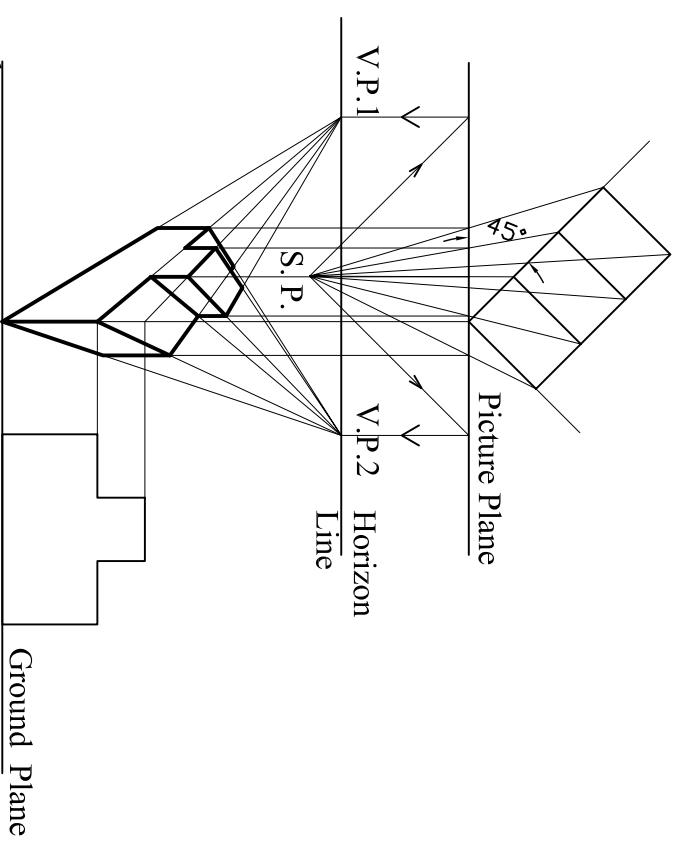
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1 pt. or Parallel Perspective



2 pt. or Angular Perspective



5.1 Normal speed= H8f7

Basic Size = 45 mm

For hole H8

Tolerance = 0.039 mm

Maximum diameter of hole (D_{max}) = 45+0.039 = 45.039 mm

Minimum diameter of hole (D_{min}) = 45.000 mm

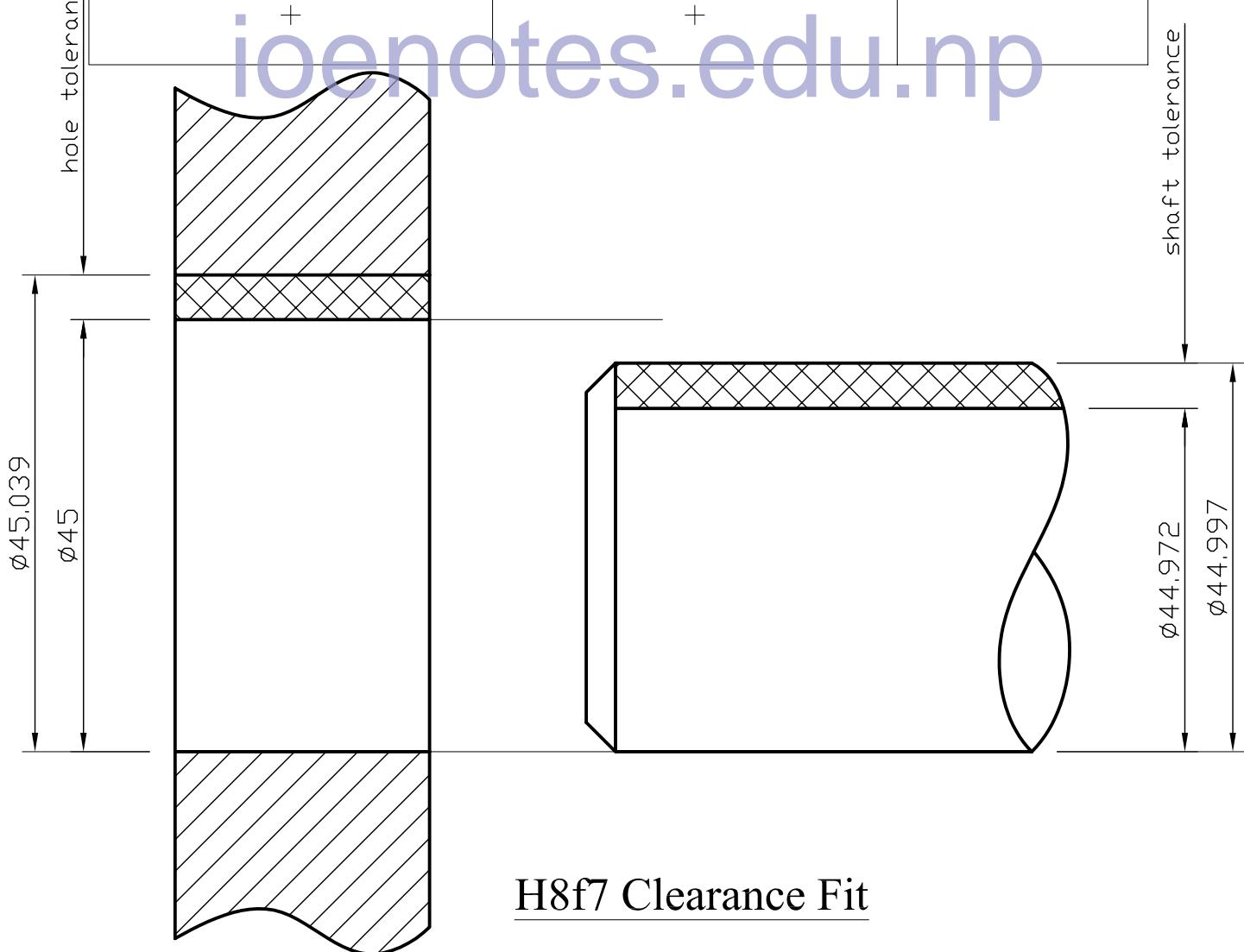
For shaft f7

Maximum diameter of shaft (d_{max}) = 45-0.003 = 44.997 mm

Tolerance = 0.025 mm

Minimum diameter of shaft (d_{min}) = 45-0.003-0.025 = 44.572 mm

(D _{max} -d _{min})	Allowance (D _{min} -d _{max})	Remark
45.039-44.972= 0.067	45.000-44.997= 0.003	CLEARANCE FIT



5.2

T6h5

Basic Size = 25 mm

For hole T6

Tolerance = 0.013 mm

$$\begin{aligned}\text{Maximum diameter of hole (D}_{\max}\text{)} &= 25 - 0.040 \\ &= 24.960 \text{ mm}\end{aligned}$$

$$\begin{aligned}\text{Minimum diameter of hole (D}_{\min}\text{)} &= 25 - 0.04 - 0.013 \\ &= 24.947 \text{ mm}\end{aligned}$$

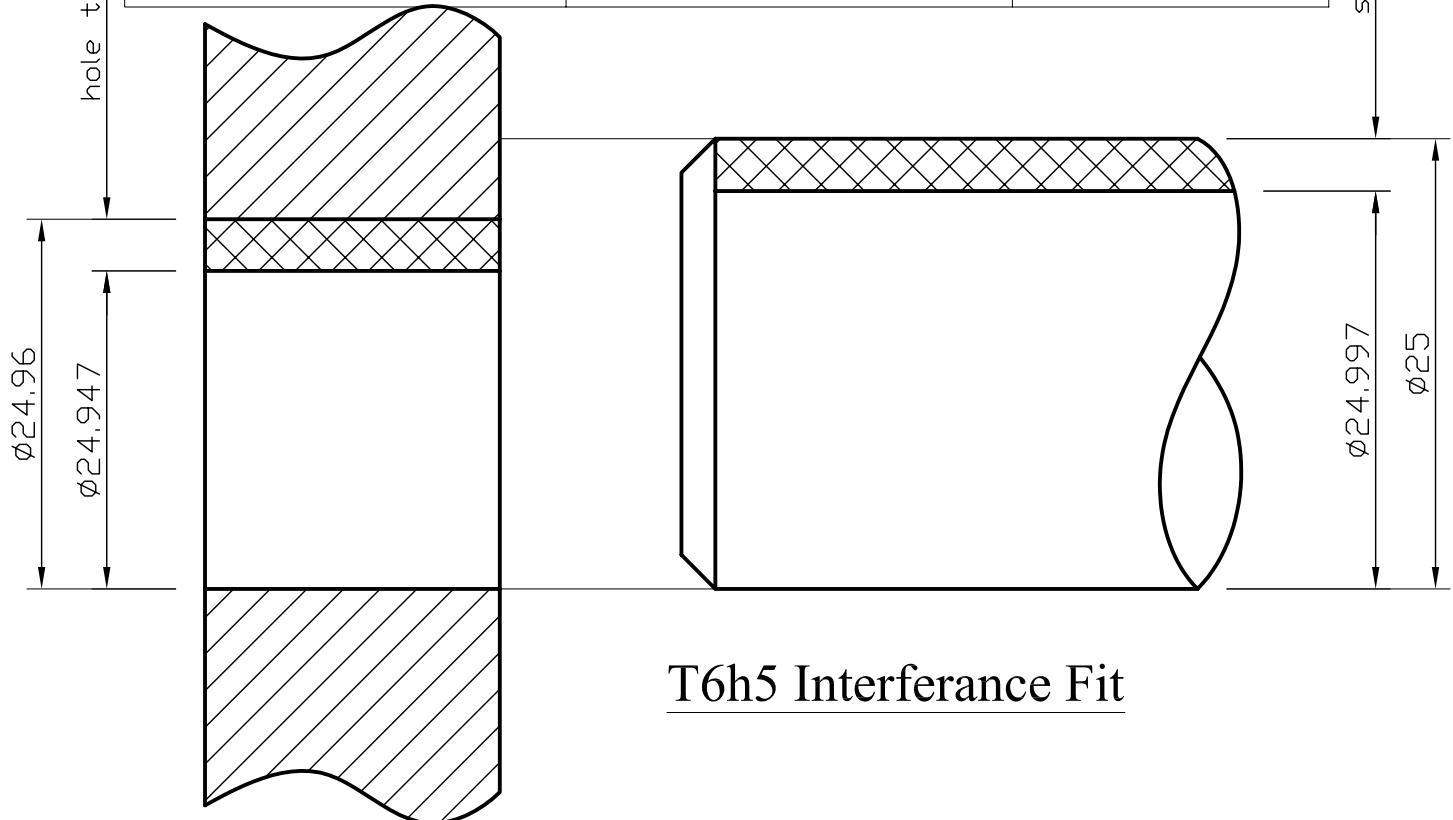
For shaft h5

Tolerance = 0.009 mm

$$\begin{aligned}\text{Maximum diameter of shaft (d}_{\max}\text{)} &= 25 - 0.000 \\ &= 25.000 \text{ mm}\end{aligned}$$

$$\begin{aligned}\text{Minimum diameter of shaft (d}_{\min}\text{)} &= 25 - 0.009 \\ &= 24.991 \text{ mm}\end{aligned}$$

(D _{max} -d _{min})	Allowance (D _{min} -d _{max})	Remark
25.960-24.991 = -0.031	24.947-25.000 = -0.053	INTERFERENCE FIT
—	—	



5.3 H8p7

Basic Size = 50 mm

For hole H8

Tolerance = 0.039 mm

Maximum diameter of hole (D_{max}) = $50+0.039 = 50.039$ mm

Minimum diameter of hole (D_{min}) = 50.000 mm

For shaft p7

Tolerance = 0.025 mm

Maximum diameter of shaft (d_{max}) = $50+0.025 = 50.025$ mm

Minimum diameter of shaft (d_{min}) = $50+0.025+0.025 = 50.05$ mm

(D_{max} - d_{min})	Allowance (D_{min} - d_{max})	Remark
$50.039-50.025= 0.014$	$50.000-50.025= -0.025$	TRANSITION FIT
+	-	

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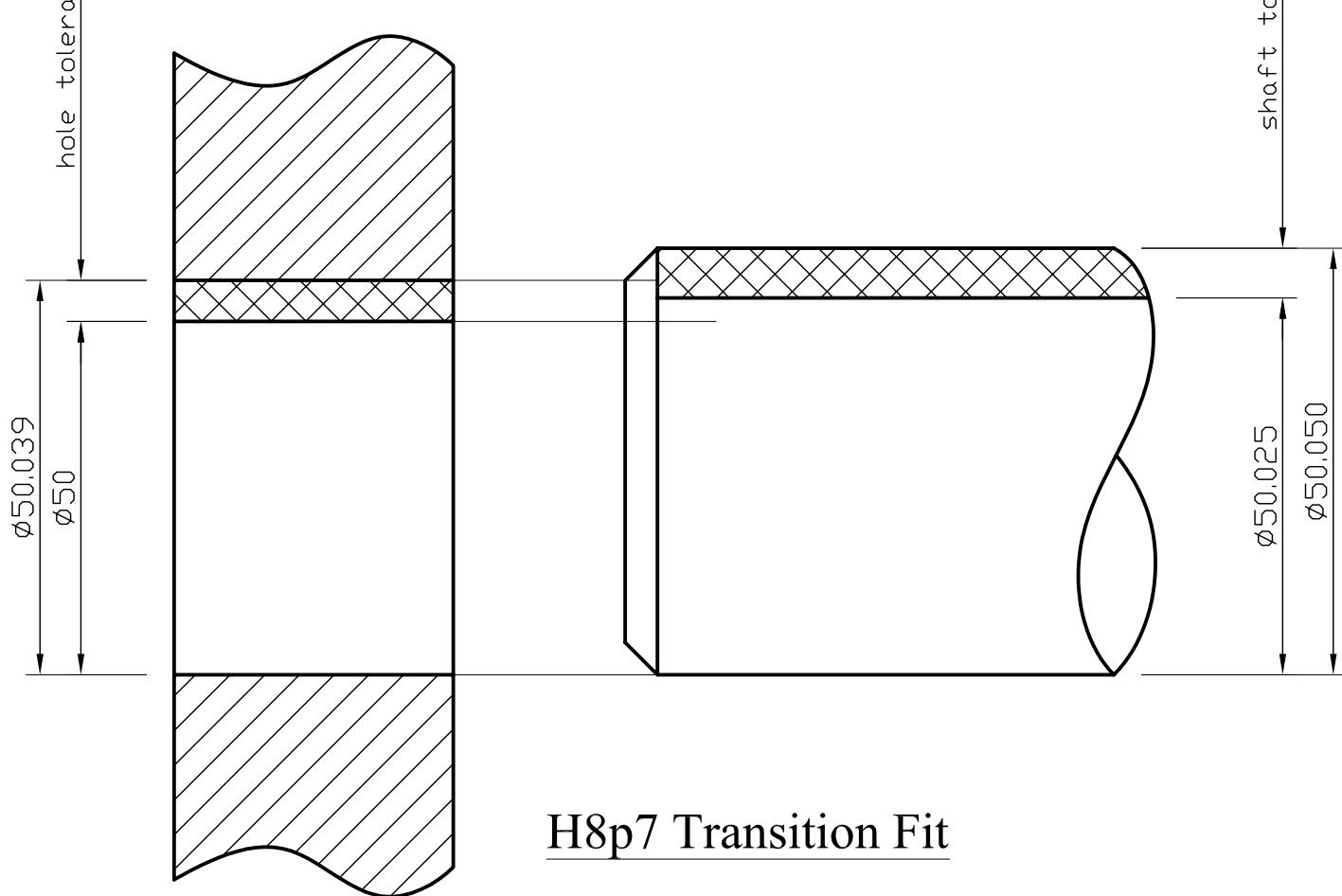


Fig T6.2

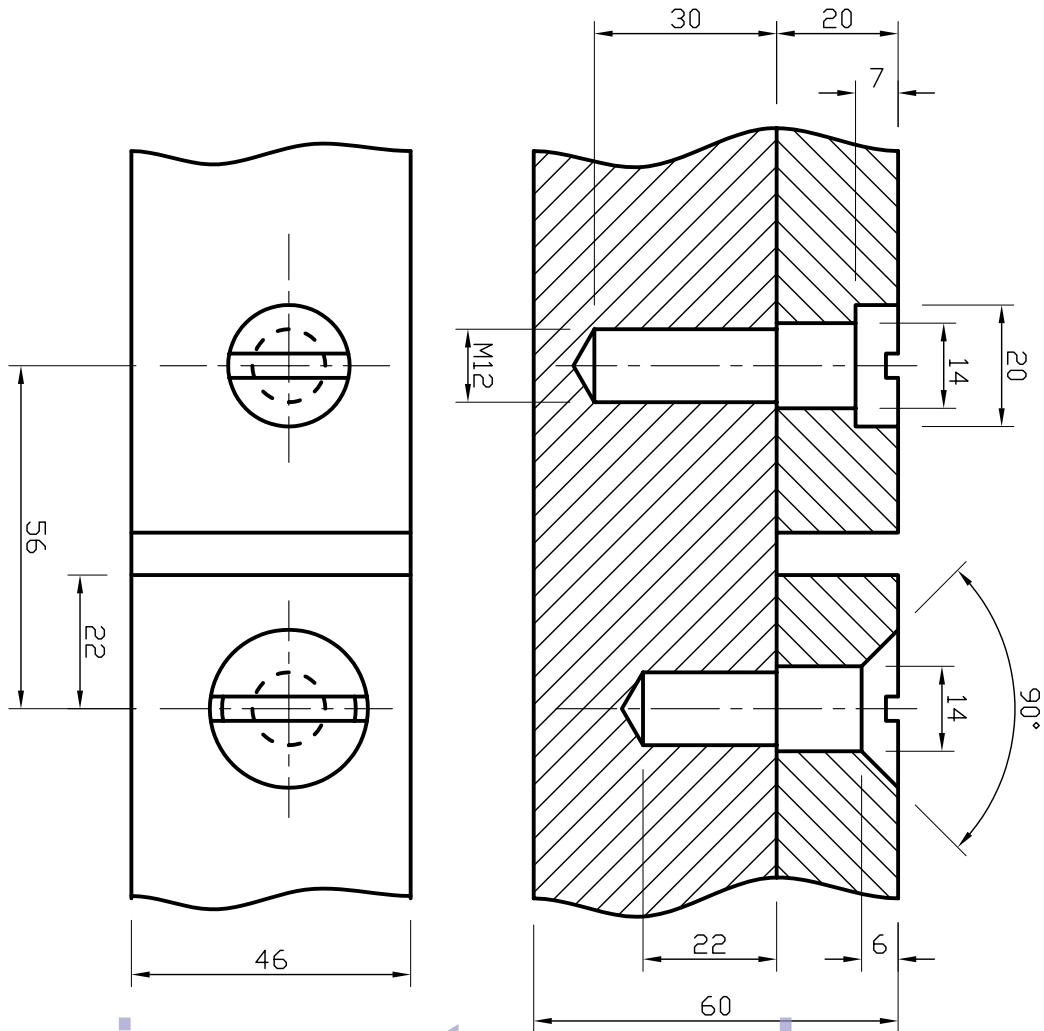
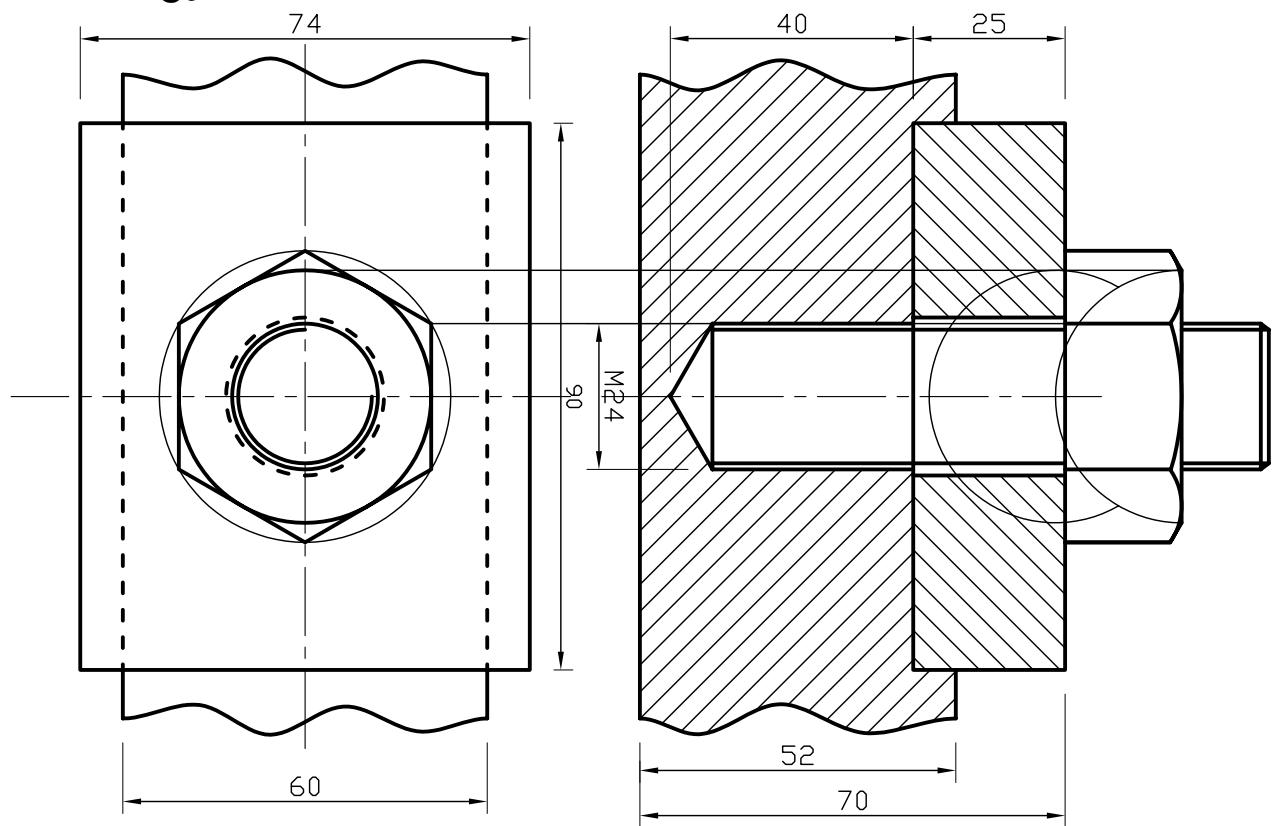
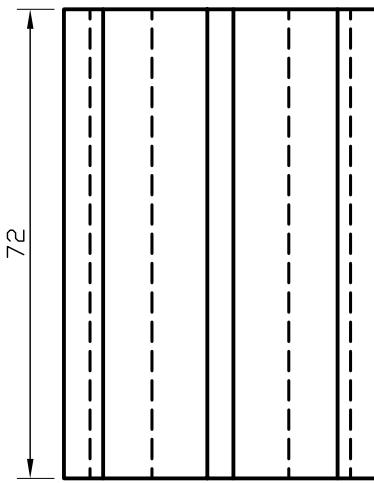
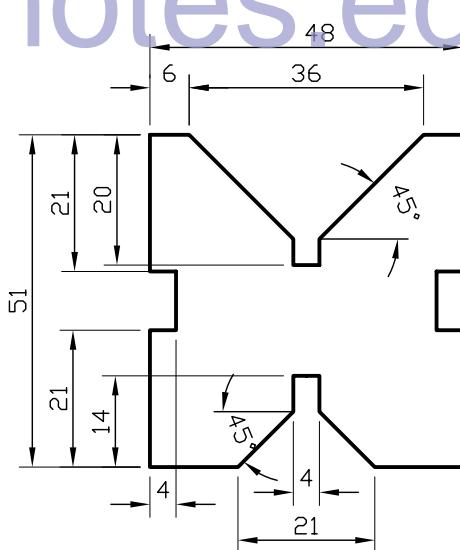
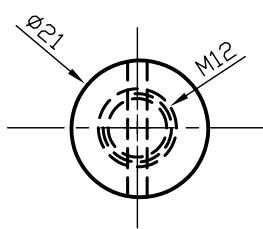
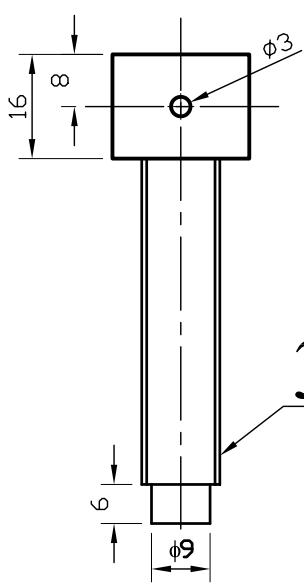
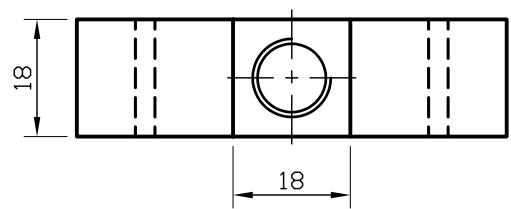
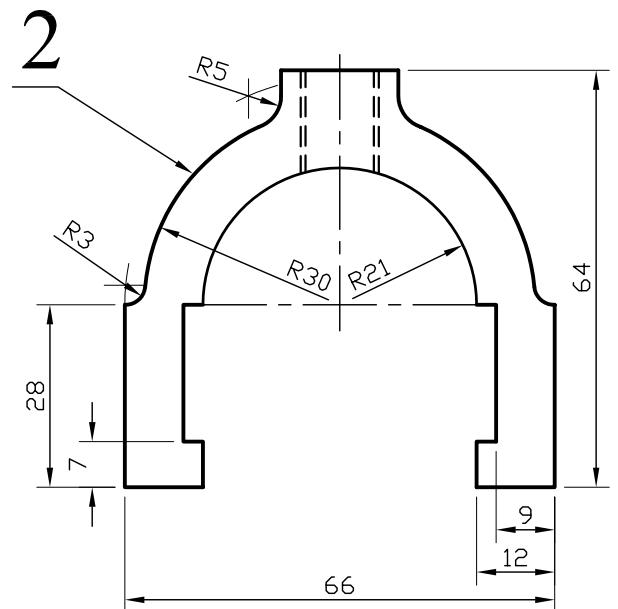
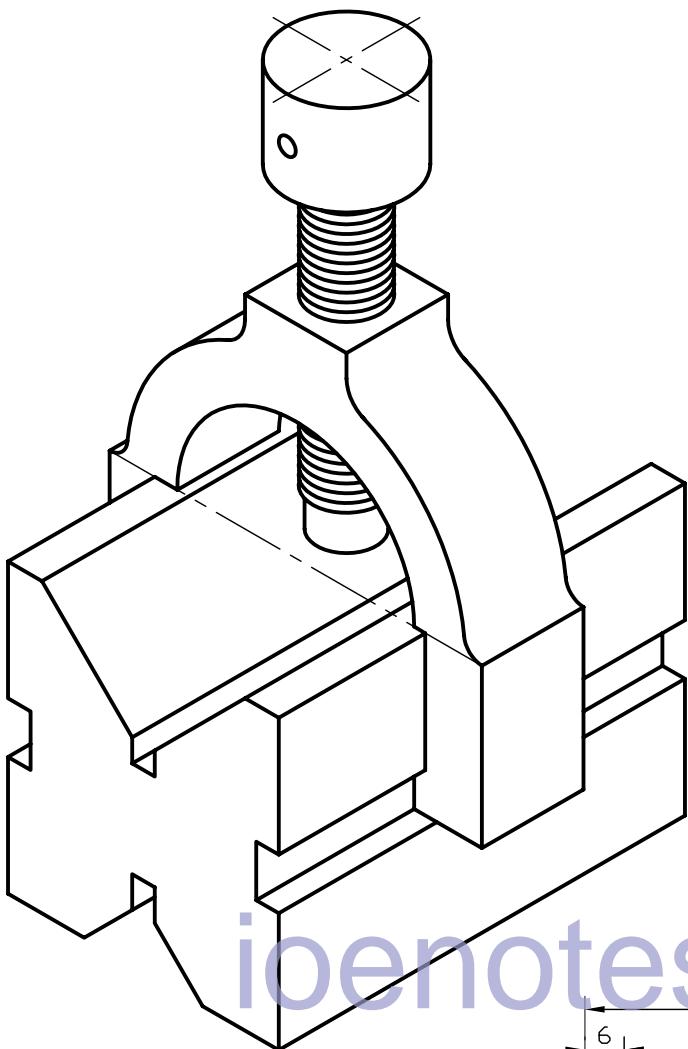


Fig T6.3





3.	Screw	1
2.	Clamp	1
1.	Block	1
S.N.	Name	Qty.

Parts List

Fig. V-block Clamp

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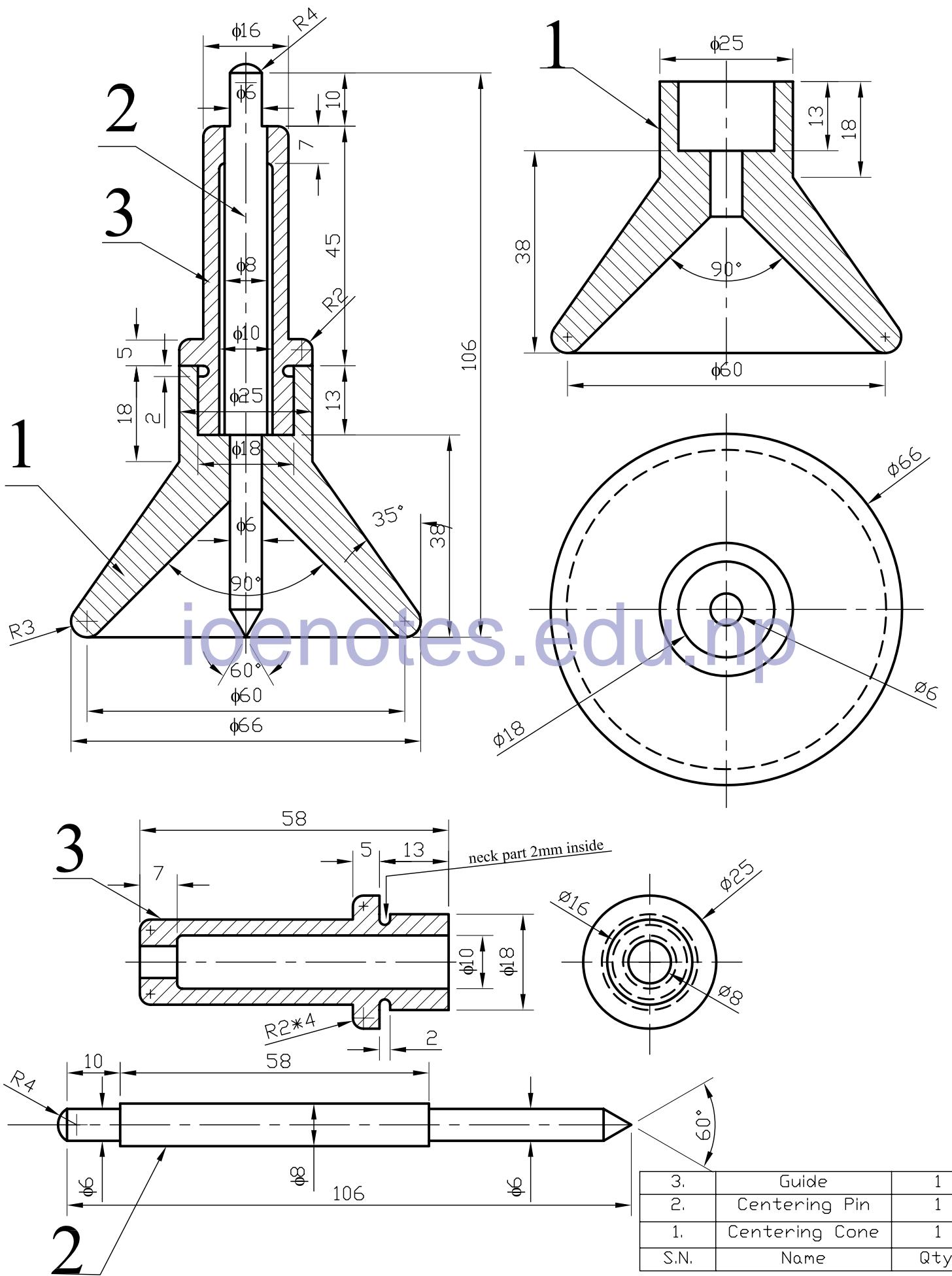
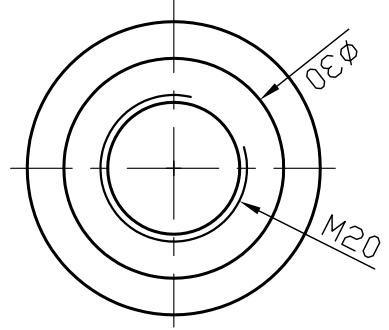
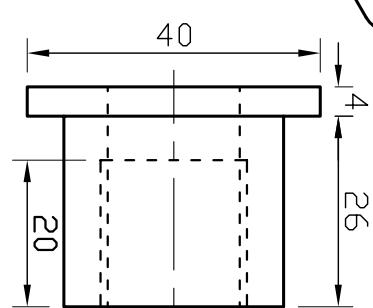
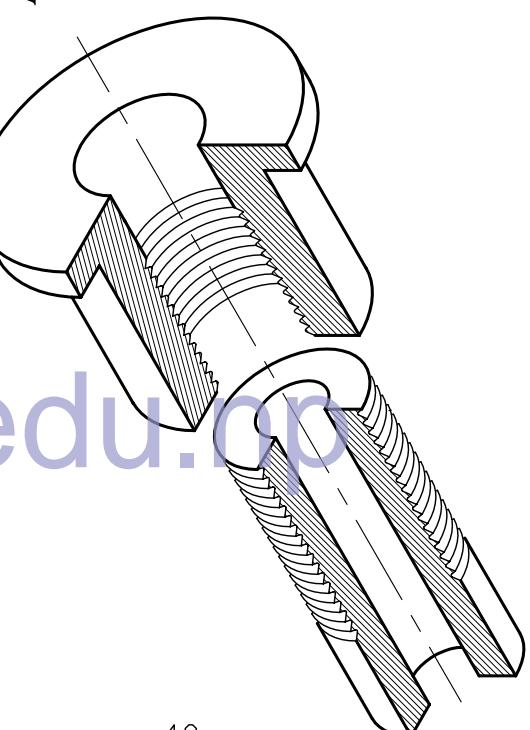
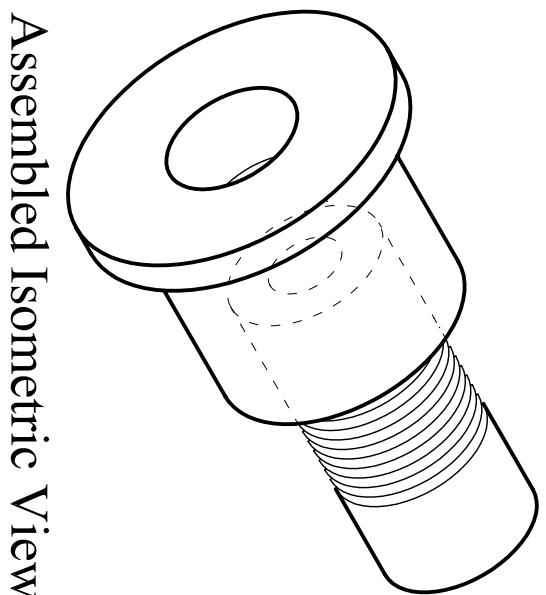


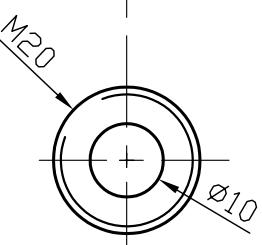
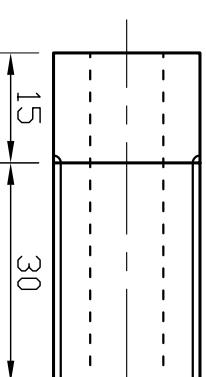
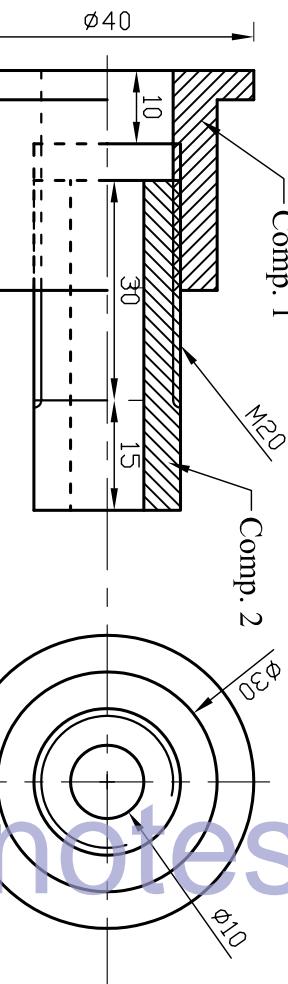
Fig. Centering Cone
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Sectional exploded view FV

END VIEW

Component No. 1, 1 OFF (M.S.)



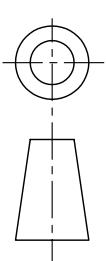
FV

END VIEW

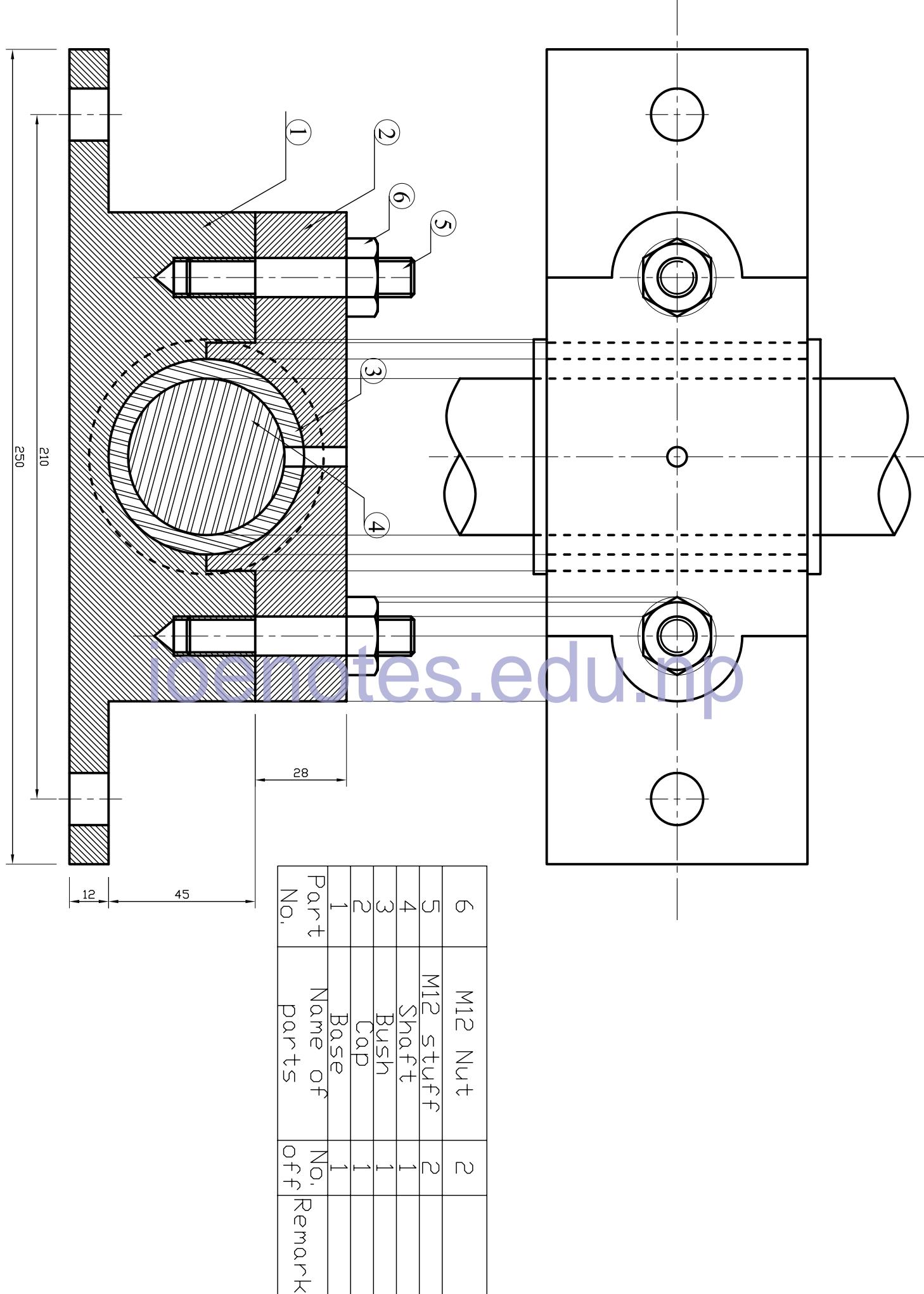
Component No. 2, 1 OFF (M.S.)

Half Sectional Assembled FV
(RHS View)

2	Component no. 2	1	
1	Component no. 1	1	
St. No.	Name of Part	No. Off	Remark



All dimensions are in mm



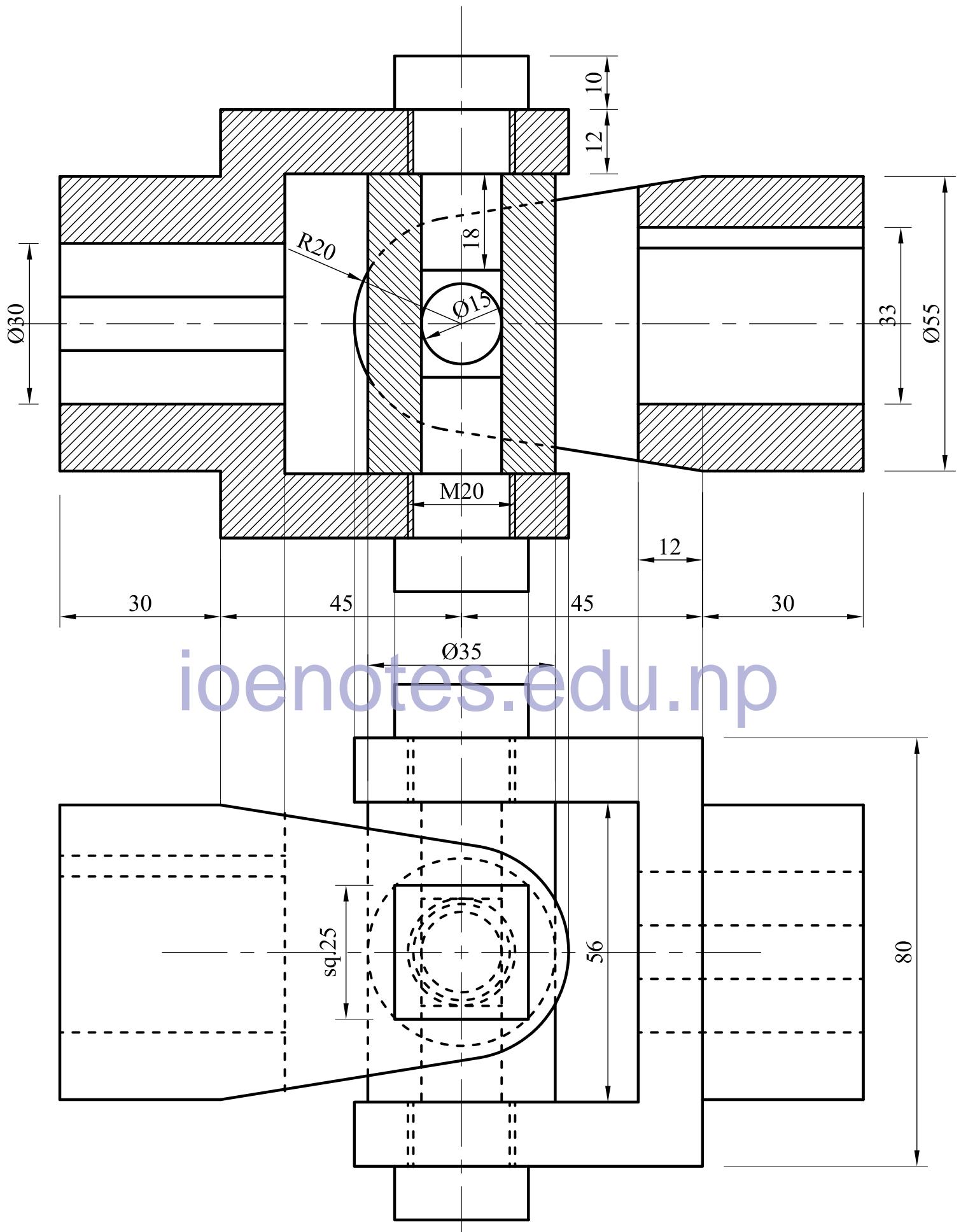
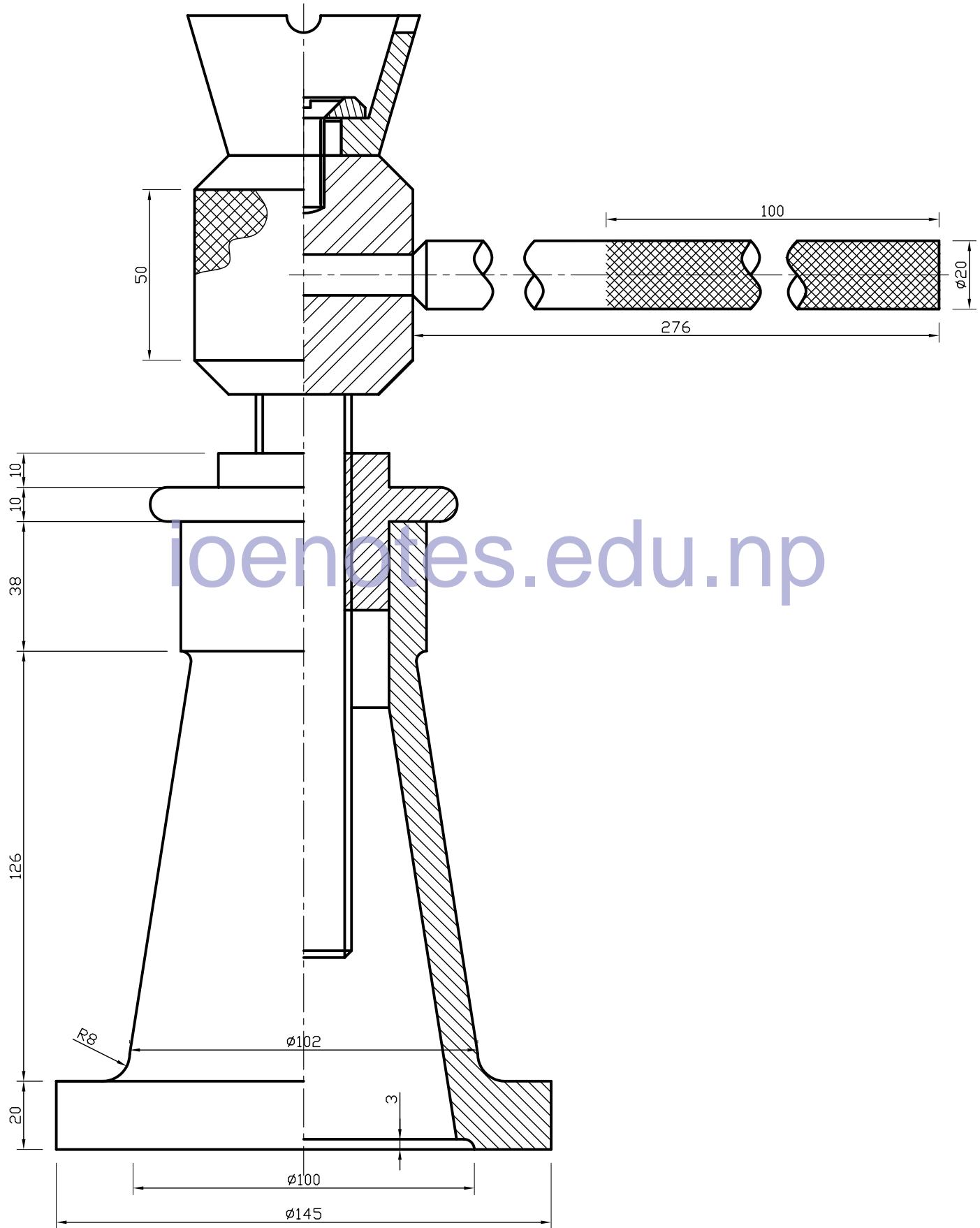


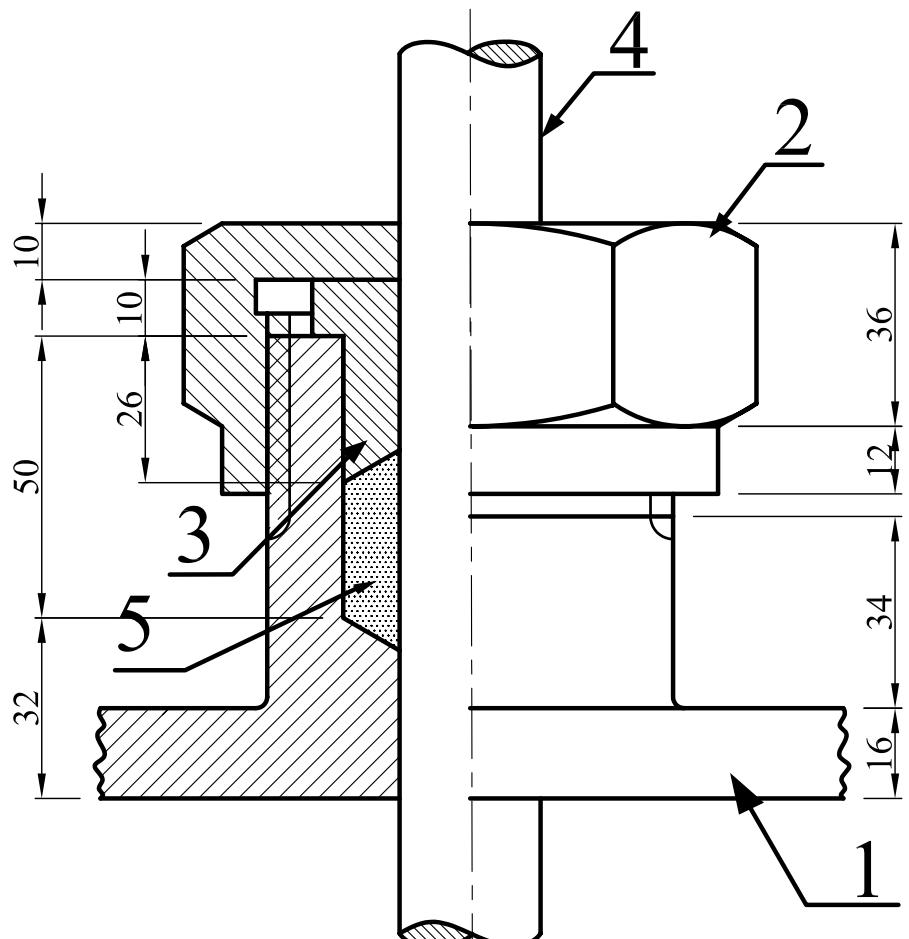
Fig. Universal Coupling

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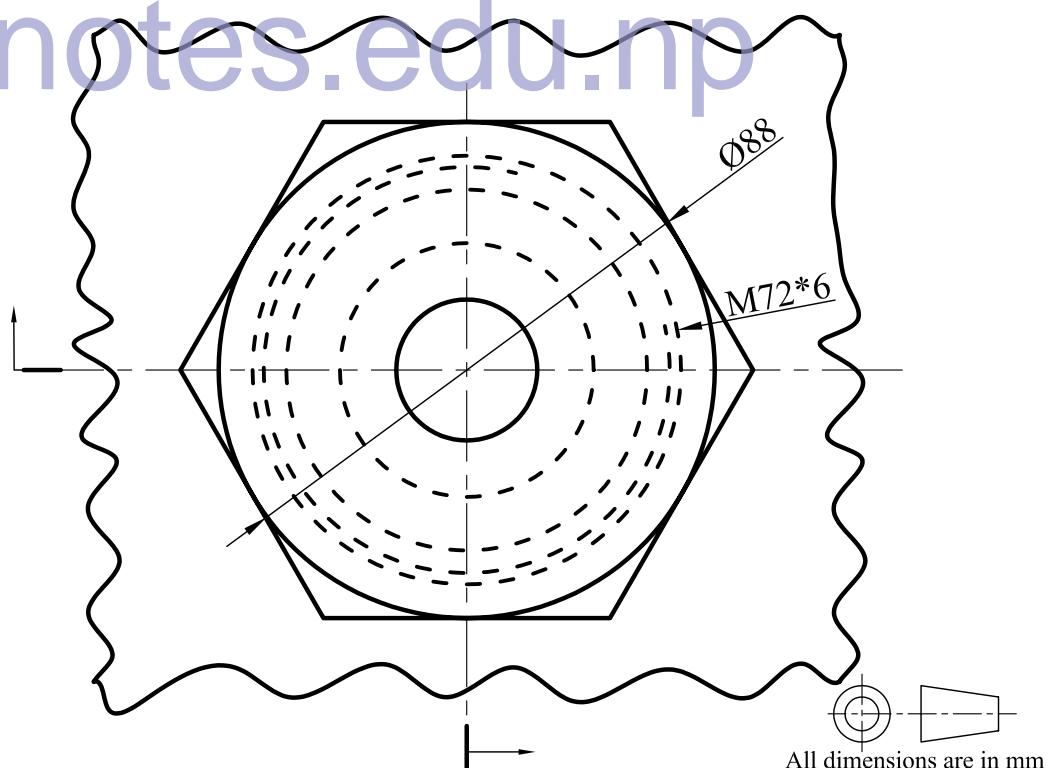


SCREW GAUGE

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Part No.	Name of parts	No. off	Material	Remark
5	Packing		Asbestos	
4	Piston rod	1	C-30	
3	Gland bush	1	Brass	
2	Nut	1	C.I.	
1	Cylinder	1	C.I.	

Fig. Stuffing Box

Drawn By :- Narayan Nyaupane

Antivibration Mount

