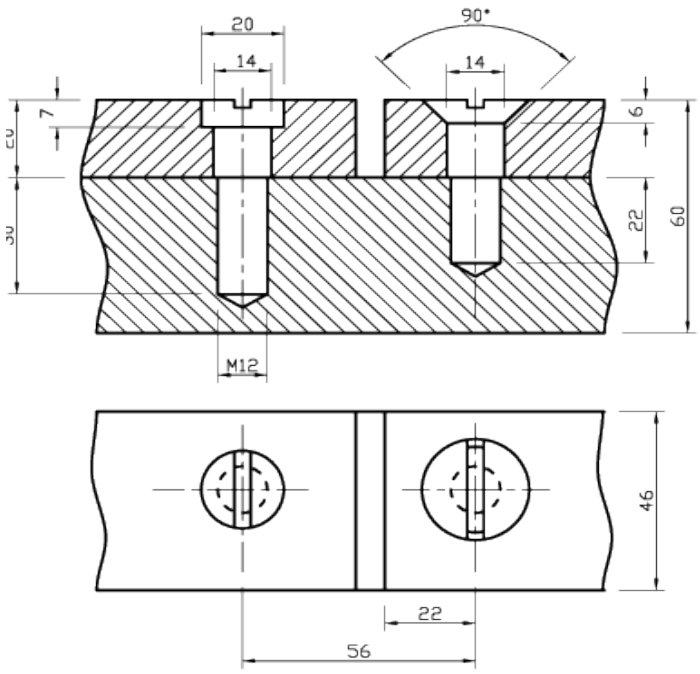


Fig T6.2

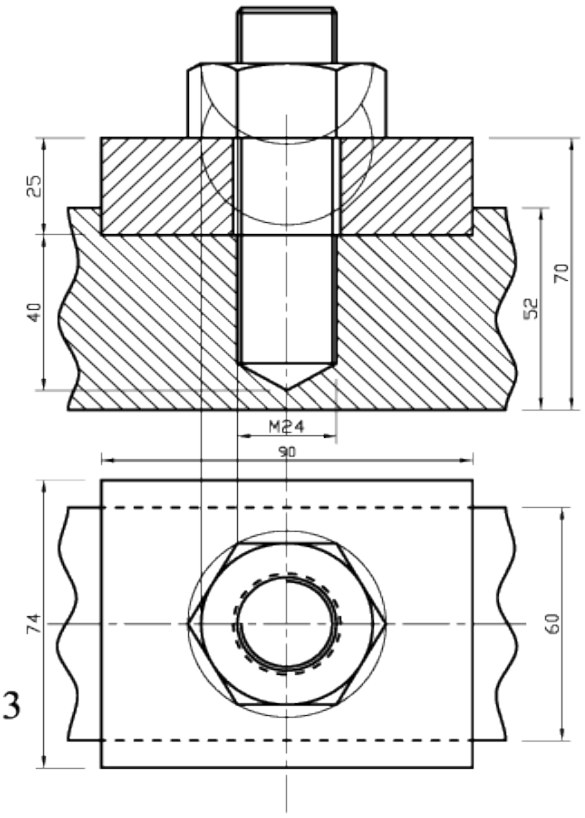
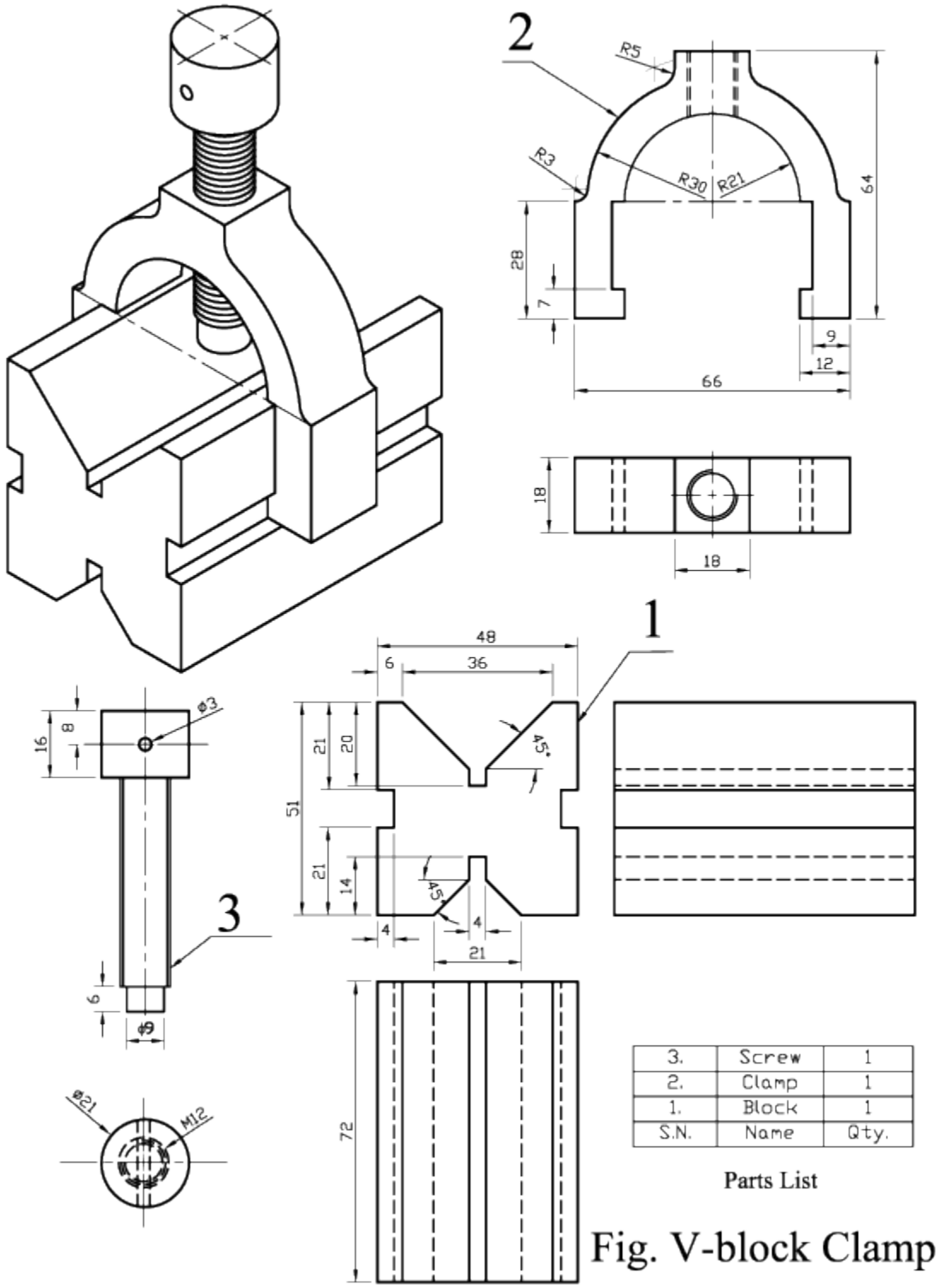


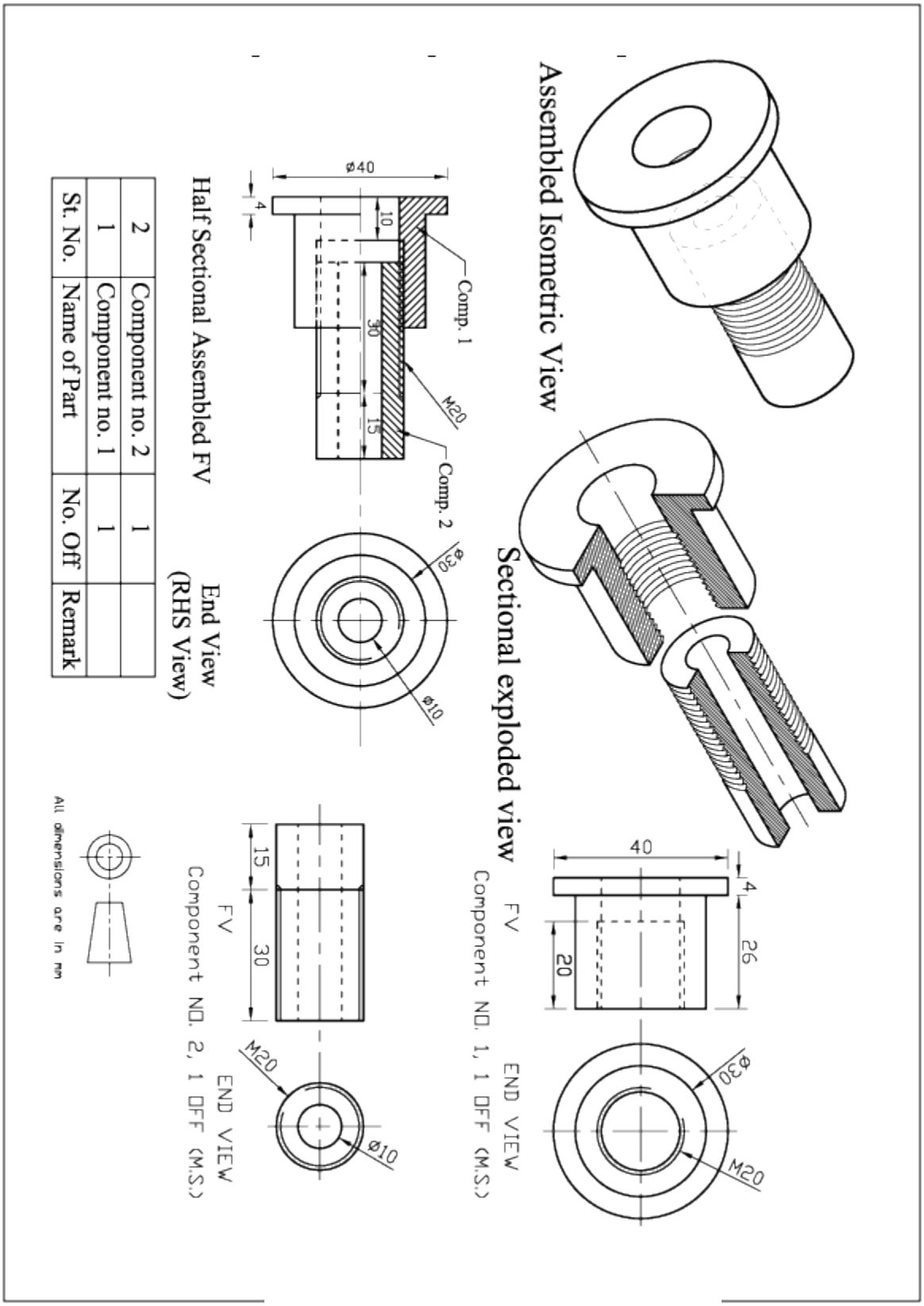
Fig T6.3



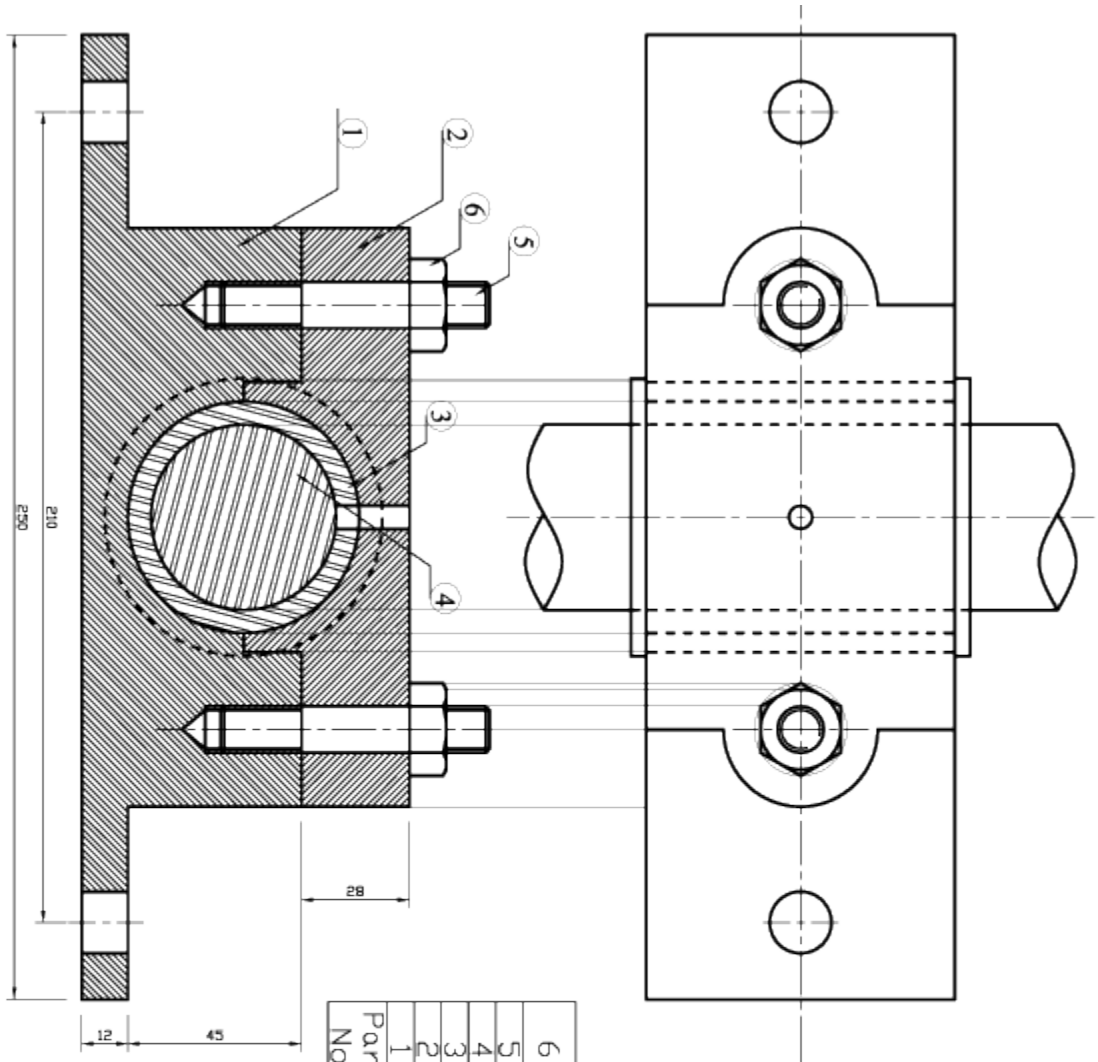
S.N.	Name	Qty.
3.	Screw	1
2.	Clamp	1
1.	Block	1

Parts List

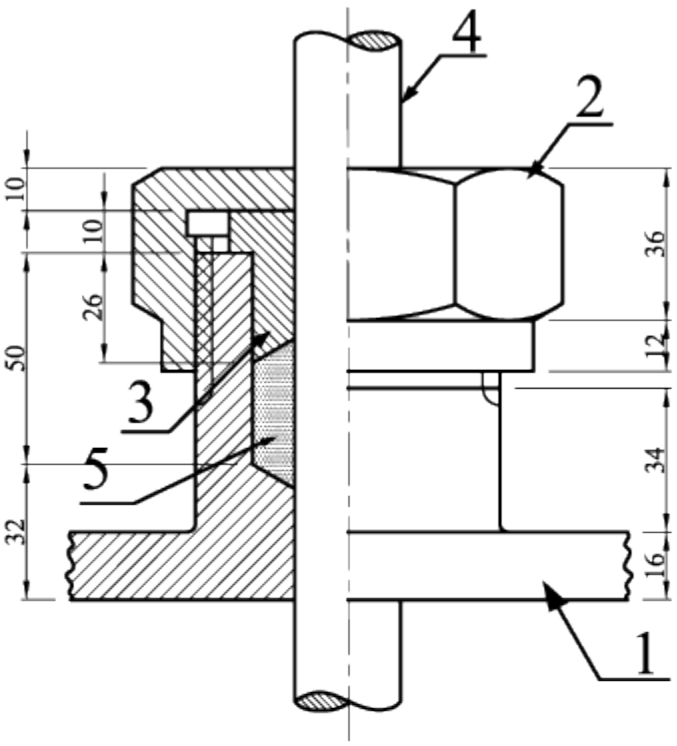
Fig. V-block Clamp

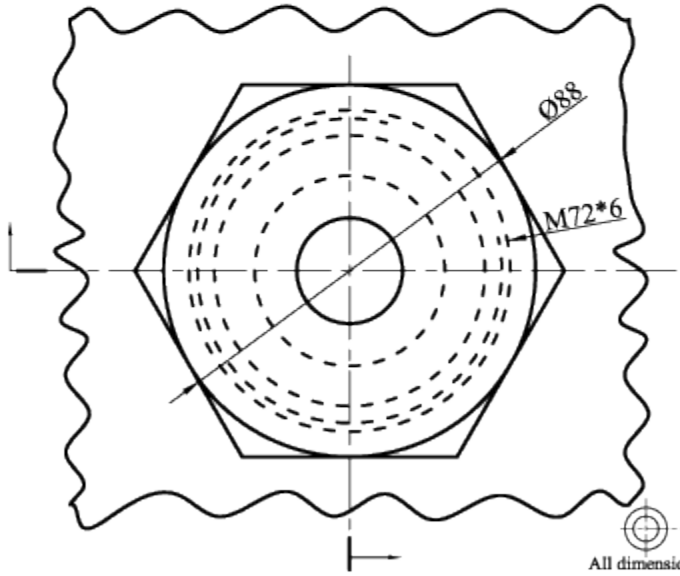


St. No.	Name of Part	No. Off	Remark
2	Component no. 2	1	
1	Component no. 1	1	



Part No.	Name of parts	No. off	Remark
1	Base	1	
2	Cap	1	
3	Bush	1	
4	Shaft	1	
5	M12 stuff	2	
6	M12 Nut	2	

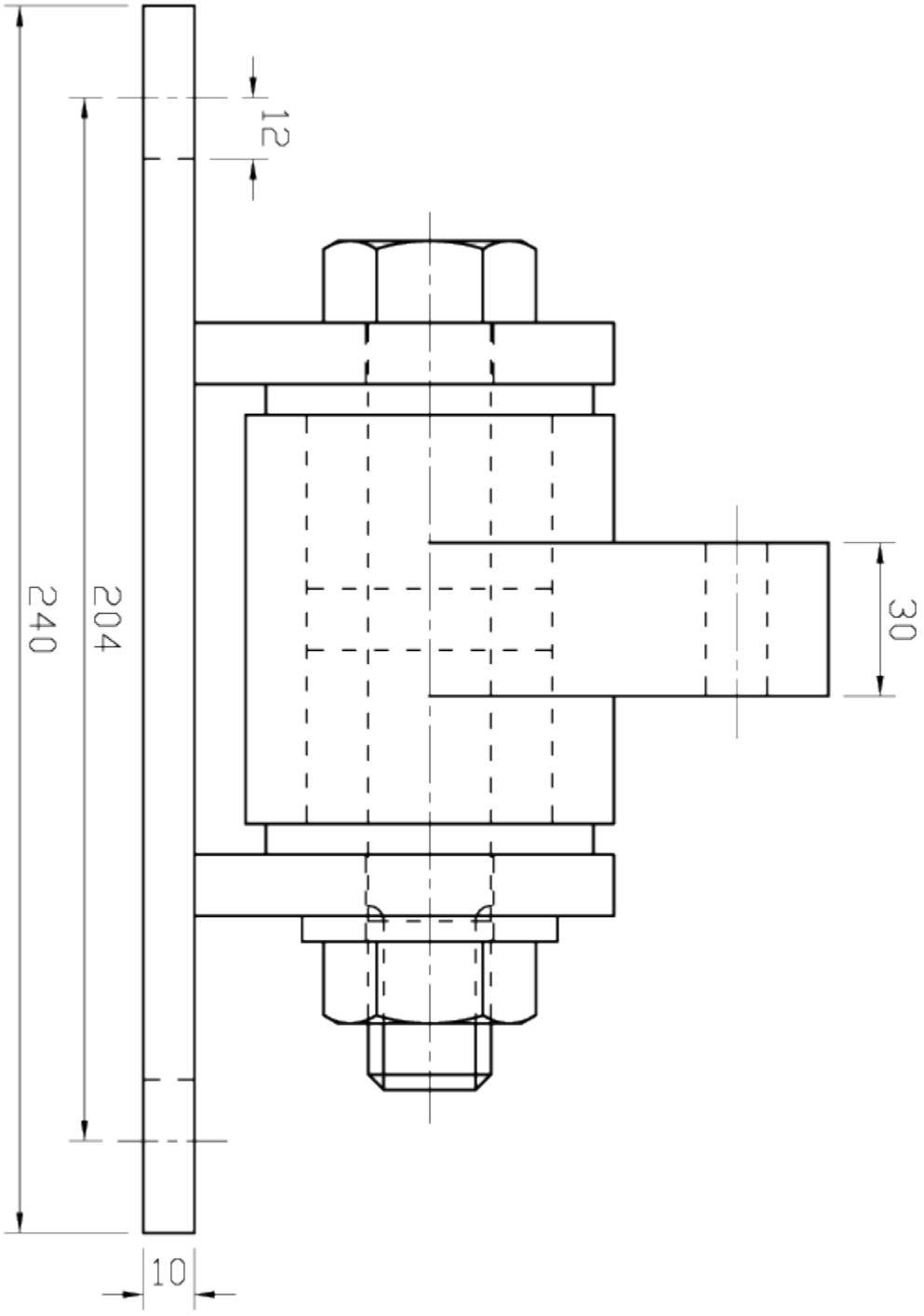


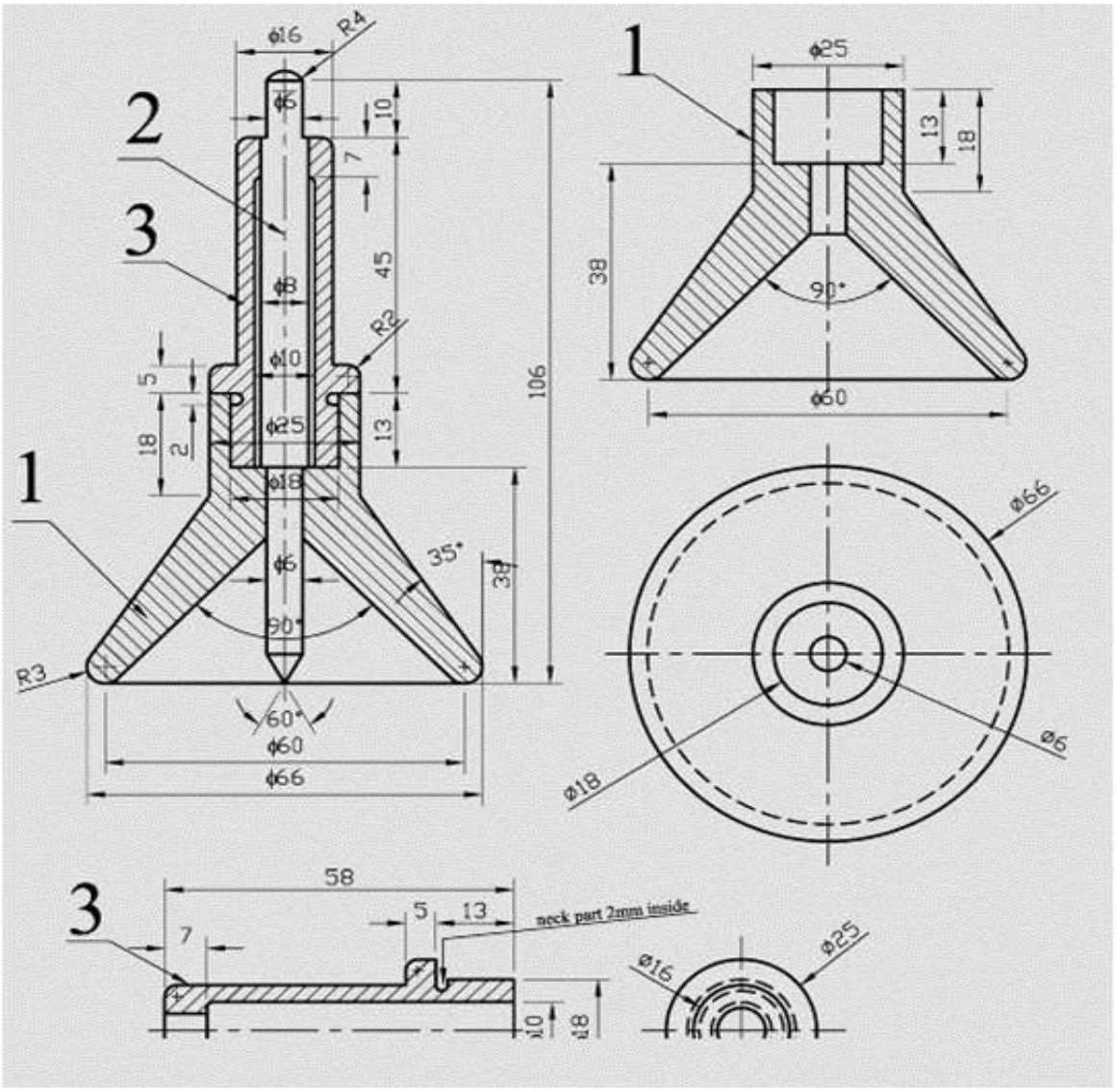


Part No.	Name of parts	No. off	Material	Remark
5	Packing		Asbestos	
4	Piston rod	1	C-30	
3	Gland bush	1	Brass	
2	Nut	1	C.I.	
1	Cylinder	1	C.I.	

Fig. Stuffing Box

Antivibration Mount




2
3
1
ϕ16
R4
ϕ6
10
7
45
ϕ8
R2
ϕ10
5
18
2
ϕ25
13
106
ϕ18
35°
38
ϕ6
90°
R3
60°
ϕ60
ϕ66
ϕ25
13
18
38
90°
ϕ60
ϕ66
ø6
ø18
58
5
13
neck part 2mm inside
7
ø16
ø25
10
18

5.3 H8p7

Basic Size = 50 mm

For hole H8

Tolerance = 0.039 mm

Maximum diameter of hole (Dmax) = 50+0.039 = 50.039 mm

Minimum diameter of hole (Dmin) = 50.000 mm

For shaft p7

Tolerance = 0.025 mm

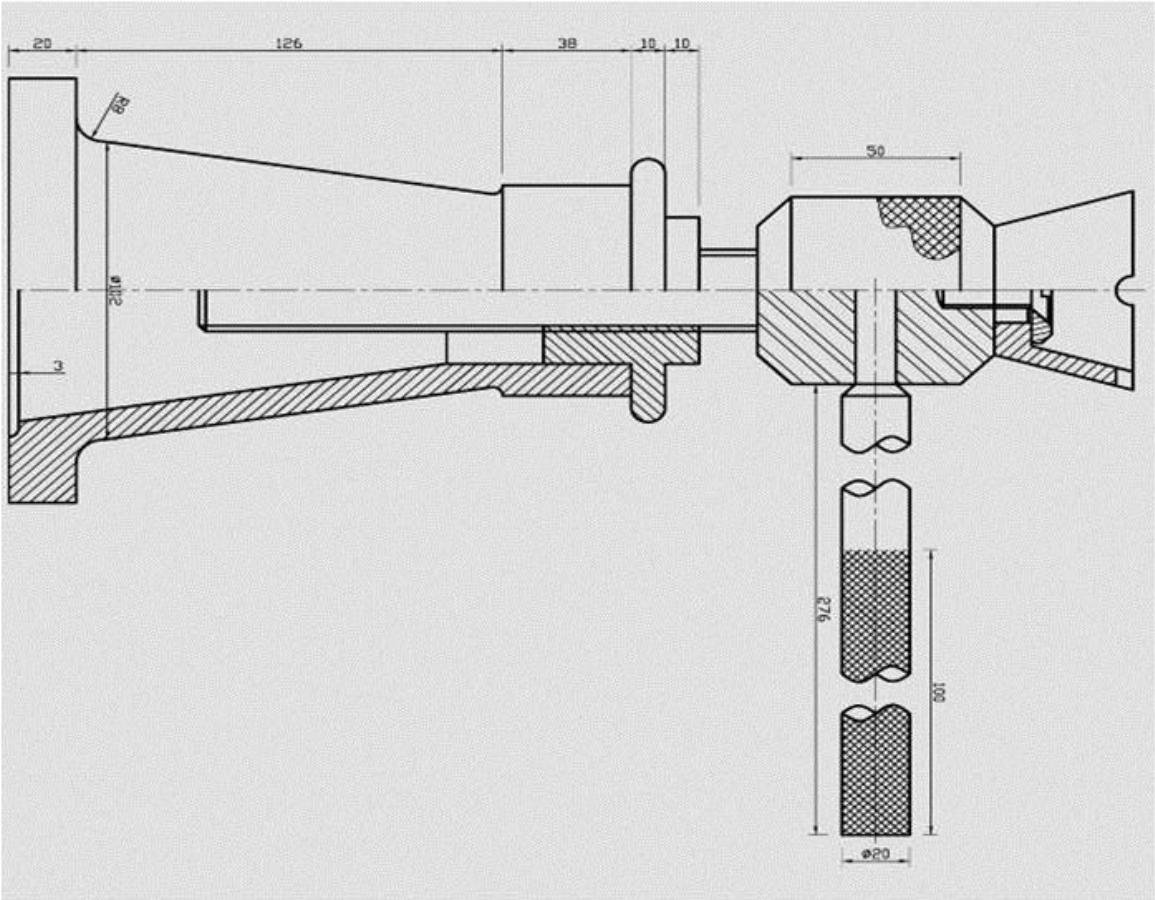
Maximum diameter of shaft (dmin) = 50+0.025 = 50.025 mm

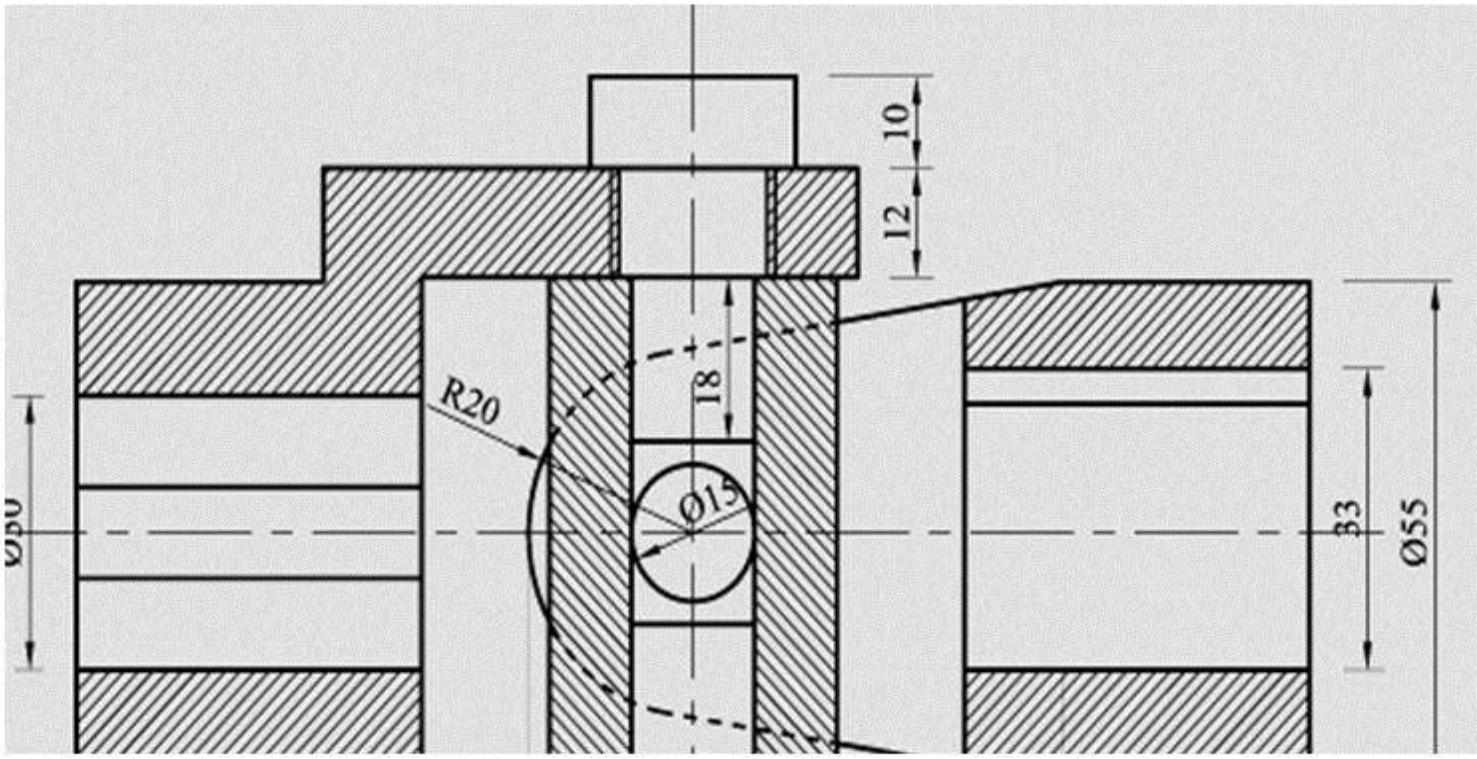
Minimum diameter of shaft (dmax) = 50+0.025+0.025 = 50.05 mm

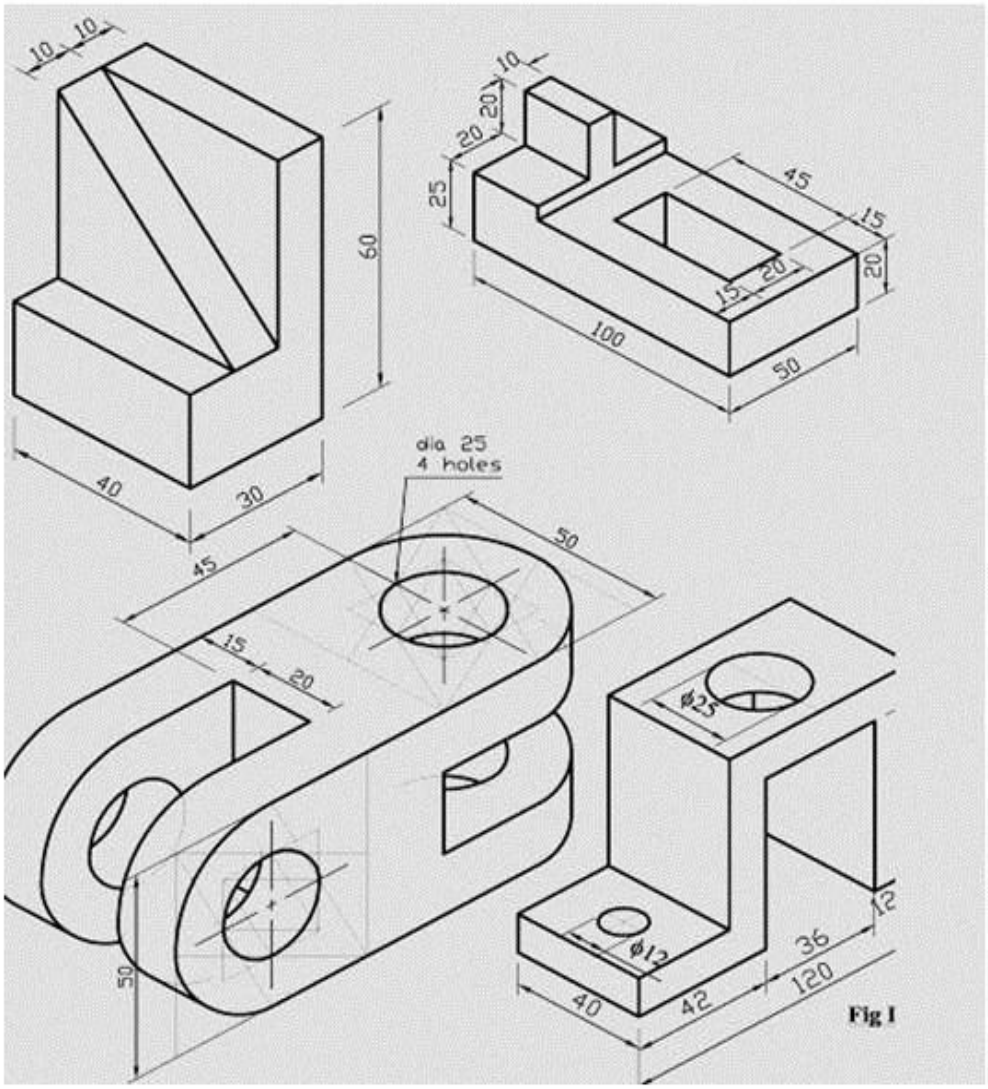
(Dmax-dmin)	Allowance (Dmin-dmax)	Remark
50.039-50.025= 0.014	50.000-50.025= -0.025	TRANSITION FIT
+	−	

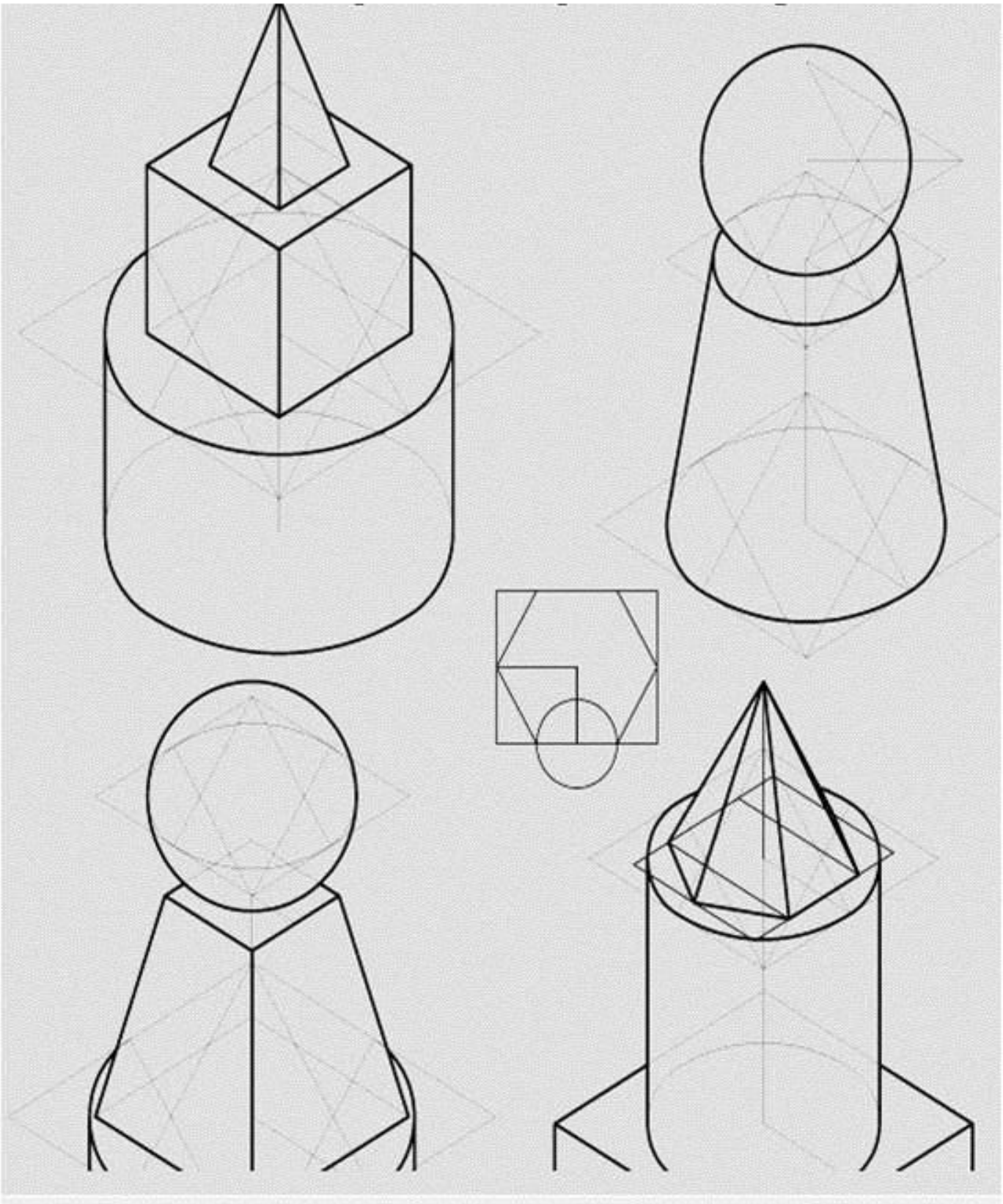
ole tolerance

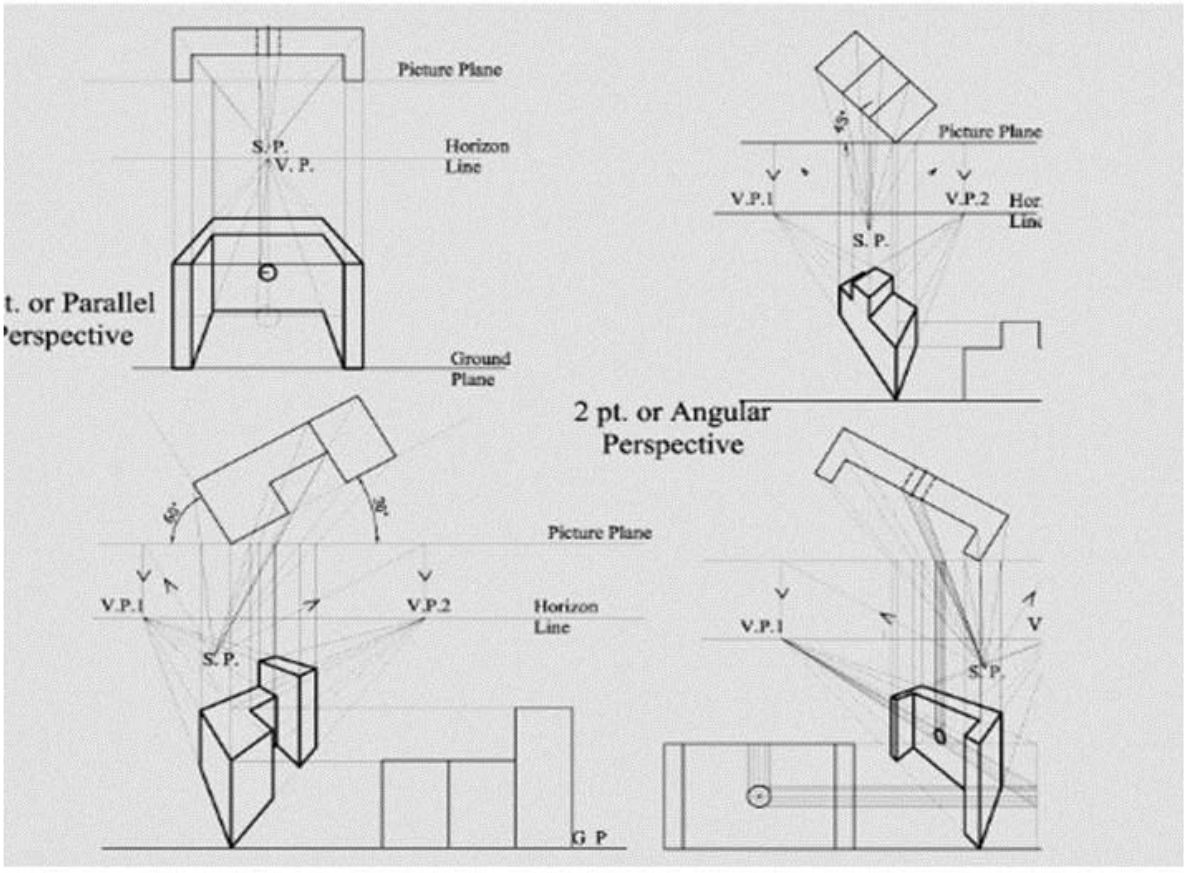
shaft tolerance

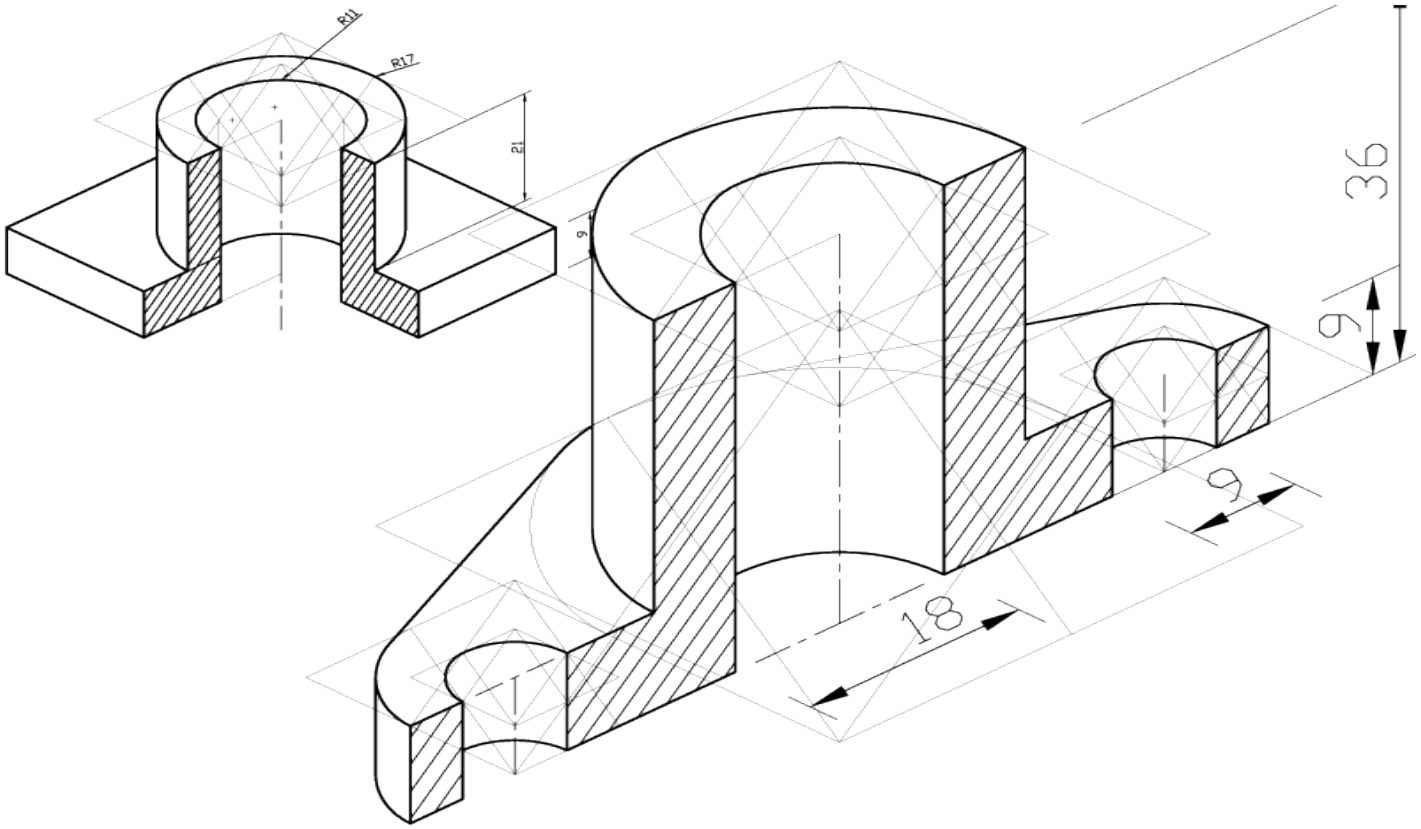

20
126
38
10
10
50
3
276
100
Ø20


10
12
18
R20
Ø15
Ø55


10
10
60
40
30
10
20
20
25
45
15
20
15
20
100
50
dia 25
4 holes
50
45
15
20
50
ϕ25
ϕ12
36
12
40
42
120
Fig I




Picture Plane
S. P.
V. P.
Horizon Line
t. or Parallel
erspective
Ground Plane
45°
Picture Plane
V.P.1
V.P.2
S. P.
2 pt. or Angular Perspective
45°
45°
Picture Plane
V.P.1
V.P.2
Horizon Line
S. P.
G P
V.P.1
S. P.


R11
R17
21
9
36
9
9
18

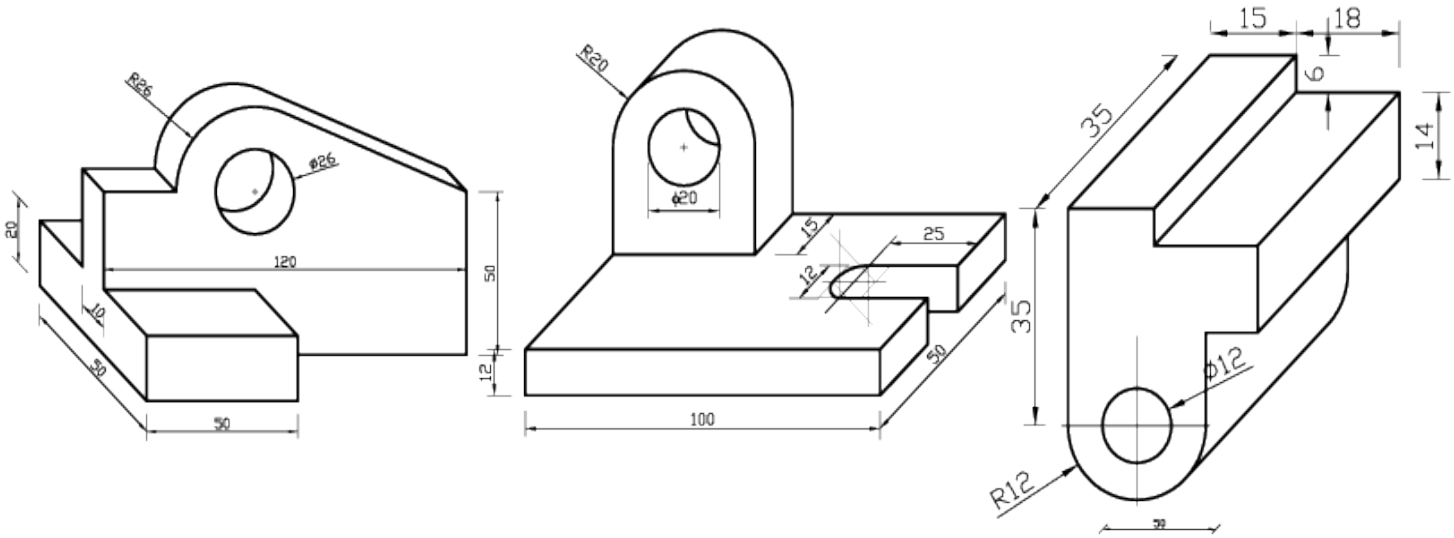
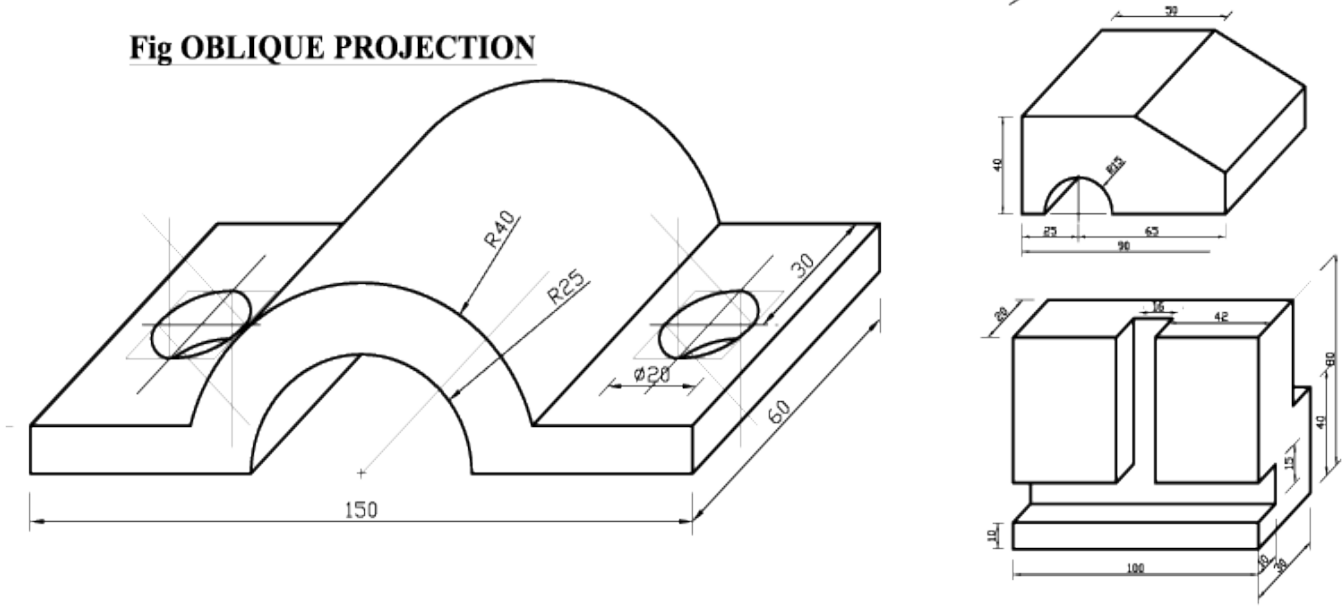
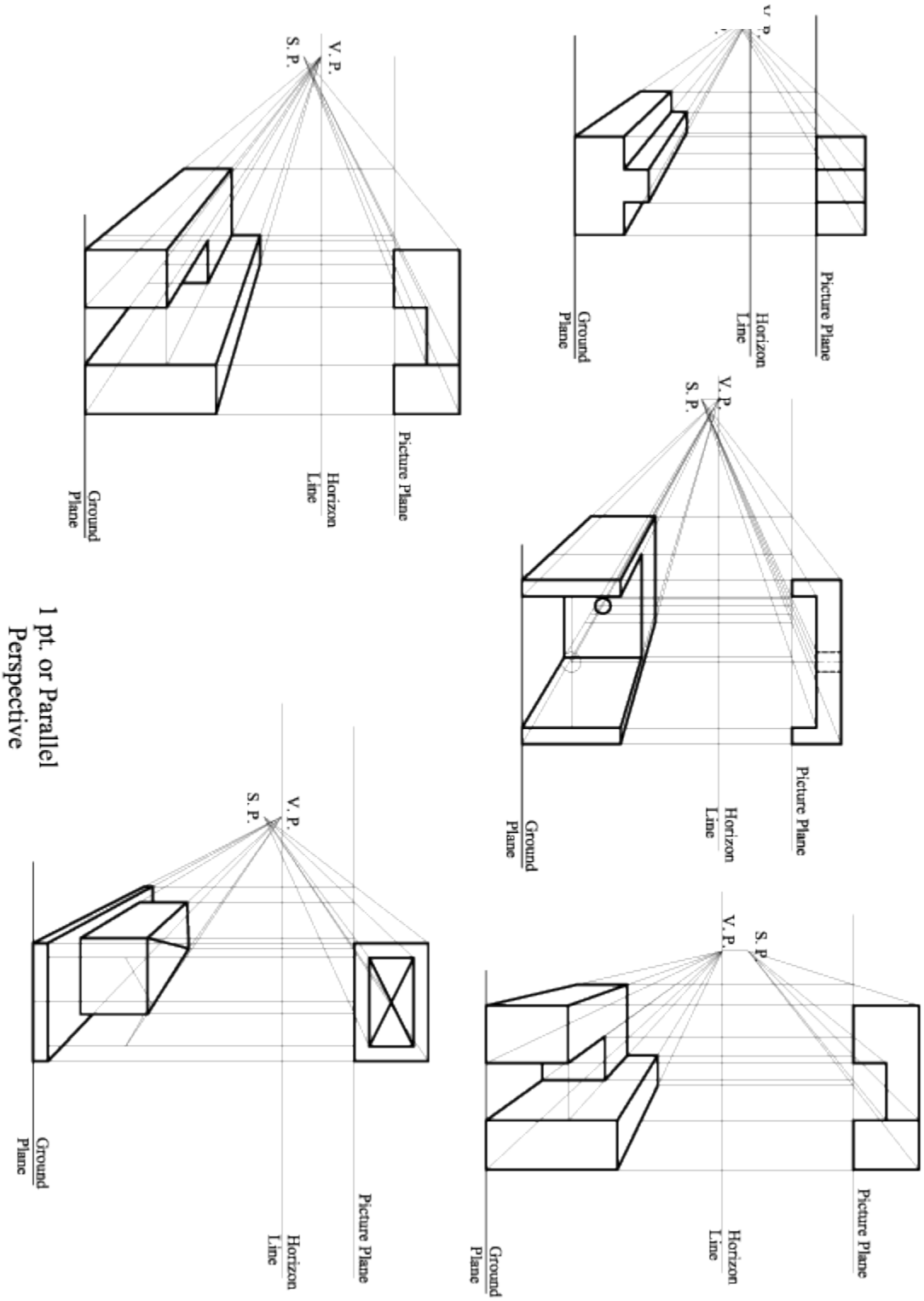
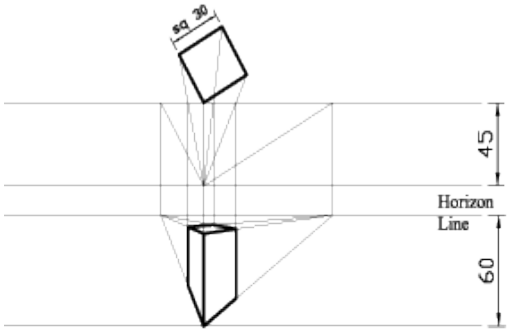
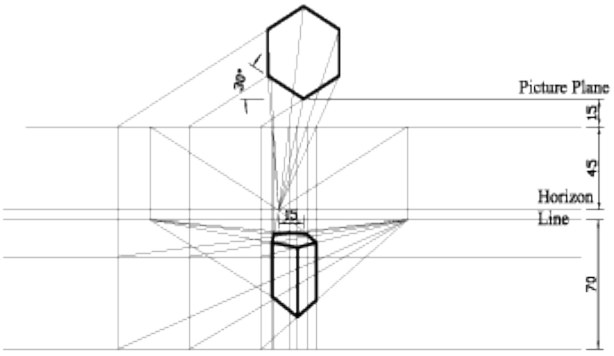


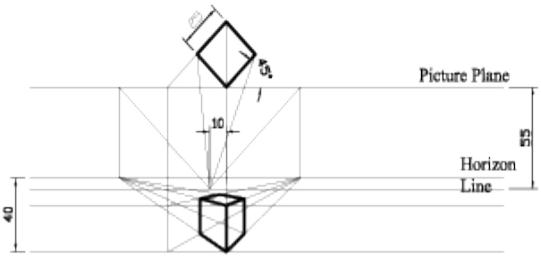
Fig OBLIQUE PROJECTION

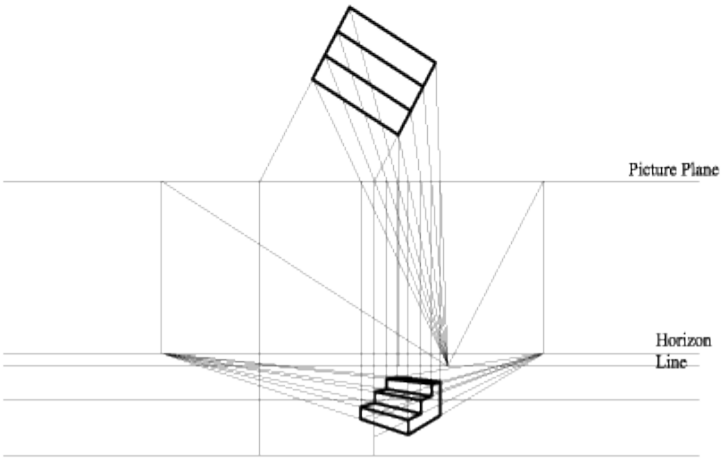



1 pt. or Parallel Perspective
V. P.
S. P.
Picture Plane
Horizon Line
Ground Plane


45
Horizon
Line
60


30°
Picture Plane
15
45
Horizon
Line
15
70


45°
Picture Plane
10
55
Horizon
Line
40


Picture Plane
Horizon
Line

5.1 Normal speed= H8f7

Basic Size = 45 mm

For hole H8

Tolerance = 0.039 mm

Maximum diameter of hole (Dmax) = 45+0.039 = 45.039 mm

Minimum diameter of hole (Dmin) = 45.000 mm

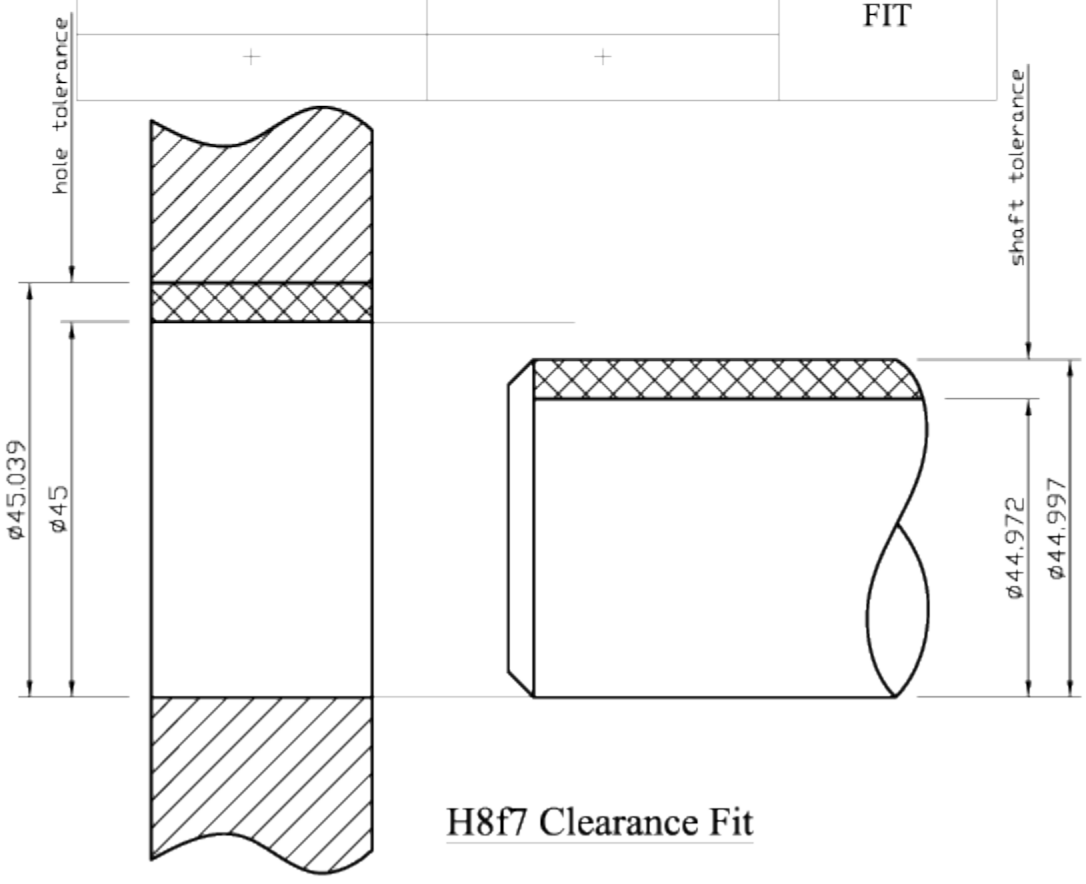
For shaft f7

Maximum diameter of shaft (dmax) = 45-0.003 = 44.997 mm

Tolerance = 0.025 mm

Minimum diameter of shaft (dmin) = 45-0.003-0.025 = 44.572 mm

(Dmax-dmin)	Allowance (Dmin-dmax)	Remark
45.039-44.972= 0.067	45.000-44.997= 0.003	CLEARANCE FIT



H8f7 Clearance Fit

5.2

T6h5

Basic Size = 25 mm

For hole T6

Tolerance = 0.013 mm

Maximum diameter of hole (Dmax) = 25- 0.040
= 24.960 mm

Minimum diameter of hole (Dmin) = 25-0.04-0.013
= 24.947 mm

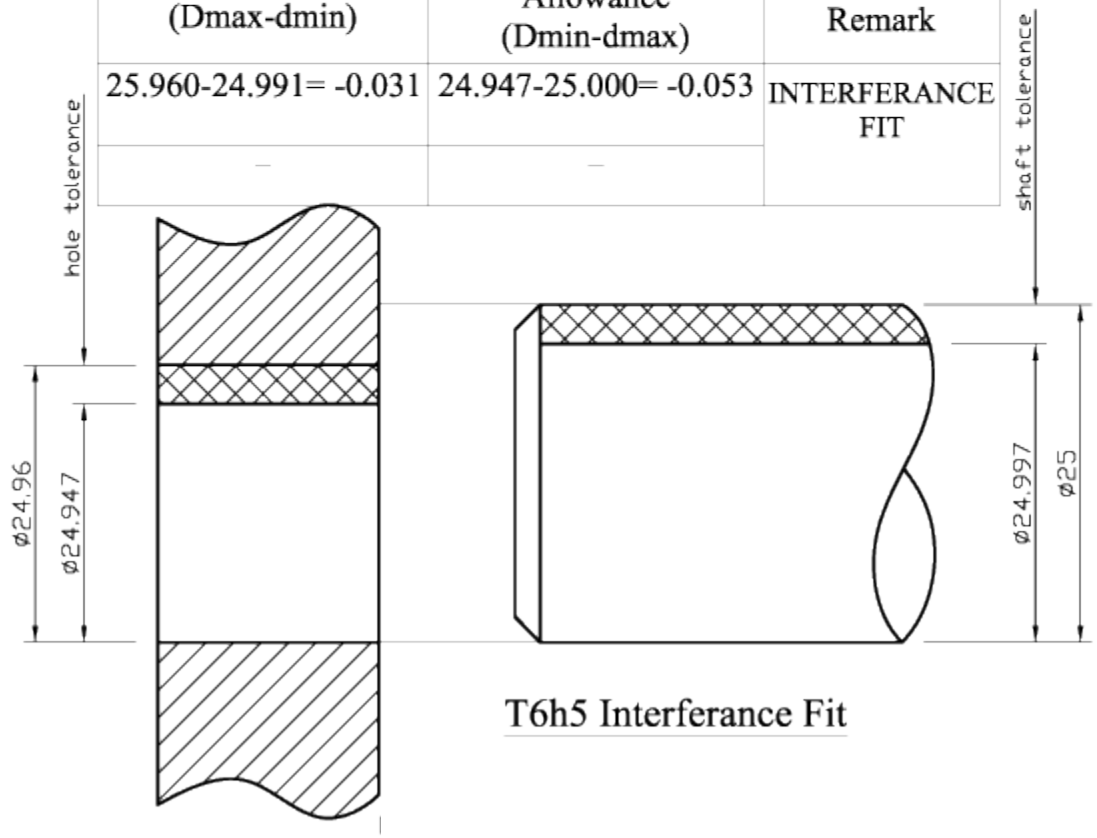
For shaft h5

Tolerance = 0.009 mm

Maximum diameter of shaft (dmax) = 25-0.000
= 25.000 mm

Minimum diameter of shaft (dmin) = 25-0.009
= 24.991 mm

(Dmax-dmin)	Allowance (Dmin-dmax)	Remark
25.960-24.991= -0.031	24.947-25.000= -0.053	INTERFERANCE FIT
–	–	



T6h5 Interferance Fit