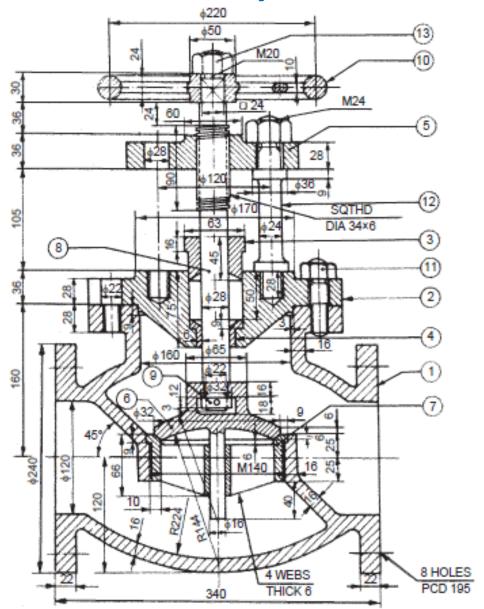
Section D

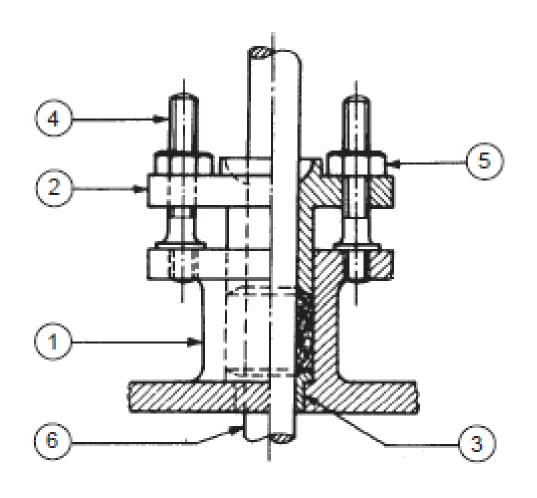
Assembly drawing with sectioning and bill of materials from given detailed drawings of assemblies: Steam stop valve, Stuffing box, Drill jigs and Milling fixture.

Assembly of Steam Stop Valve

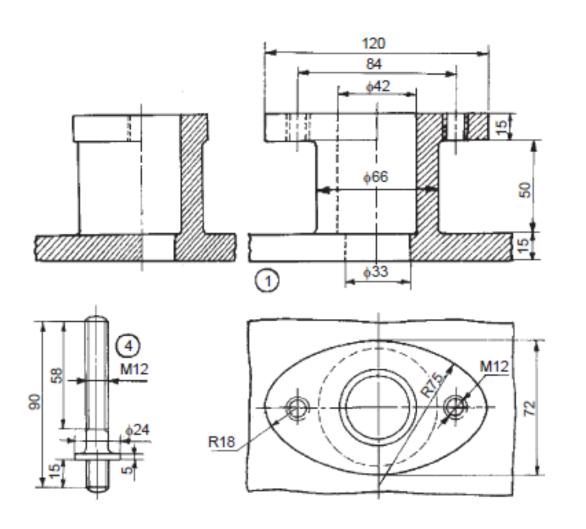


Part No.	Name	Matl.	Qty.
1	Body	CI	1
2	Cover	CI	1
3	Gland	GM	1
4	Neck bush	GM	1
5	Bridge	MS	1
6	Valve	GM	1
7	Valve seat	GM	1
8	Spindle	GM	1
9	Collar	GM	1
10	Hand wheel	CI	1
11	Stud with nut	MS	6
12	Stud with collar	MS	2
13	Nut	MS	1
14	Stud with nut	MS	2

Assembly of Stuffing box

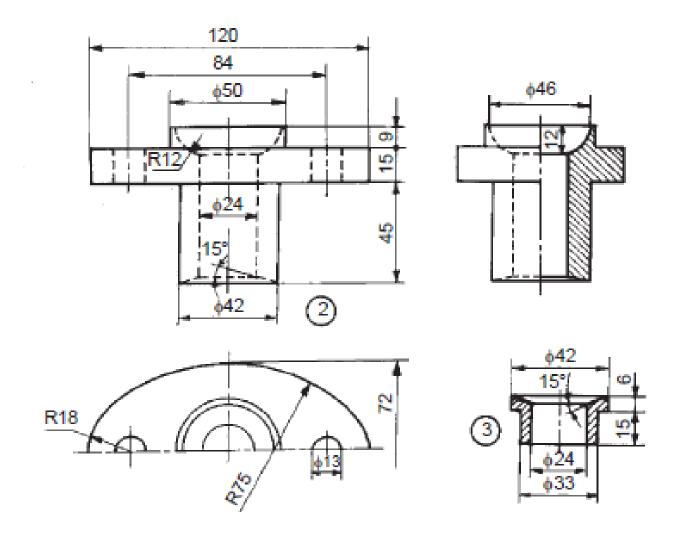


Details of Stuffing box

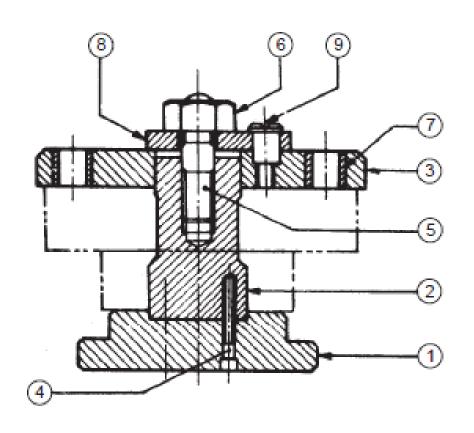


Part No.	Name	Matl	Qty	
1	Body	CI	1	
2	Gland	Brass	1	
3	Bush	Brass	1	
4	Stud	MS	2	
5	Nut, M12	MS	2	

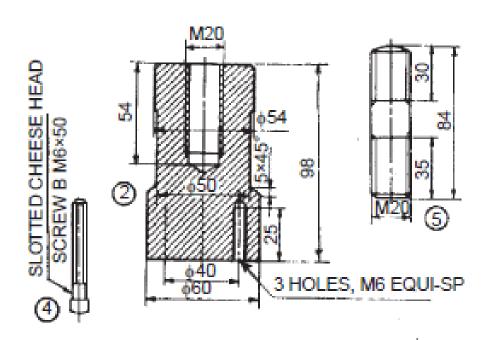
Details of Stuffing box

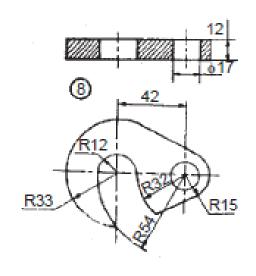


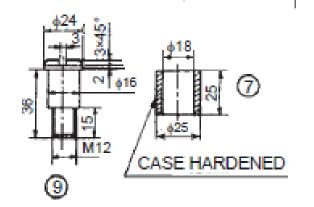
Assembly of Drill jigs



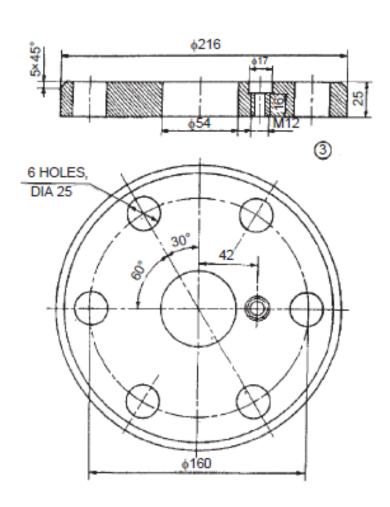
Details of Drill jigs

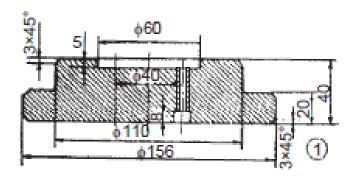






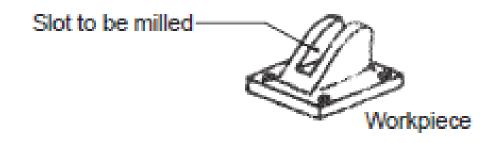
Details of Drill jigs





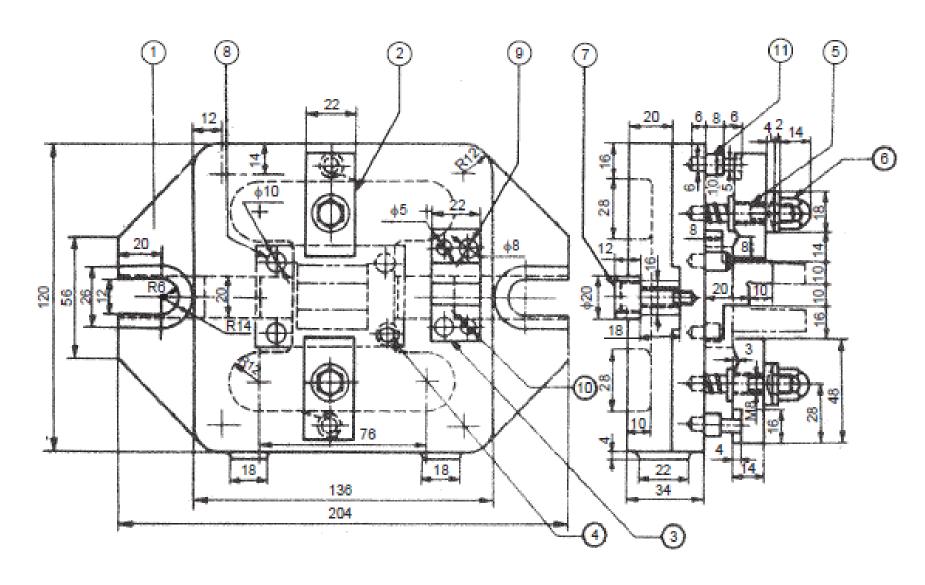
Part No.	Name	Matl	Qty	
1	Base plate	CI	1	
2	Stem	MS	1	
3	Jig plate	CI	1	
4	Screw	MS	3	
5	Stud	MS	1	
6	Nut M20	MS	1	
7	Bush case hardened	Steel	6	
8	Latch washer	MS	1	
9	Screw	MS	1	

Assembly of Milling Fixture



Part No.	Name	Matl.	Qty.	Part No.	Name	Matl.	Qty.
1	Fixture base	CI	1	7	Tenon	HCS	2
2	Clamp	MS	2	8	Locating pin	HCS	2
3	Setting block	MS	1	9	Locating pin	HCS	2
4	Flattened location pin	HCS	1	10	Dowel pin	HCS	2
5	Clamping screw with spring	MS	2	11	Guide pin	HCS	2
6	Clamping nut	MS	2				

Assembly of Milling fixture



Turning fixture

