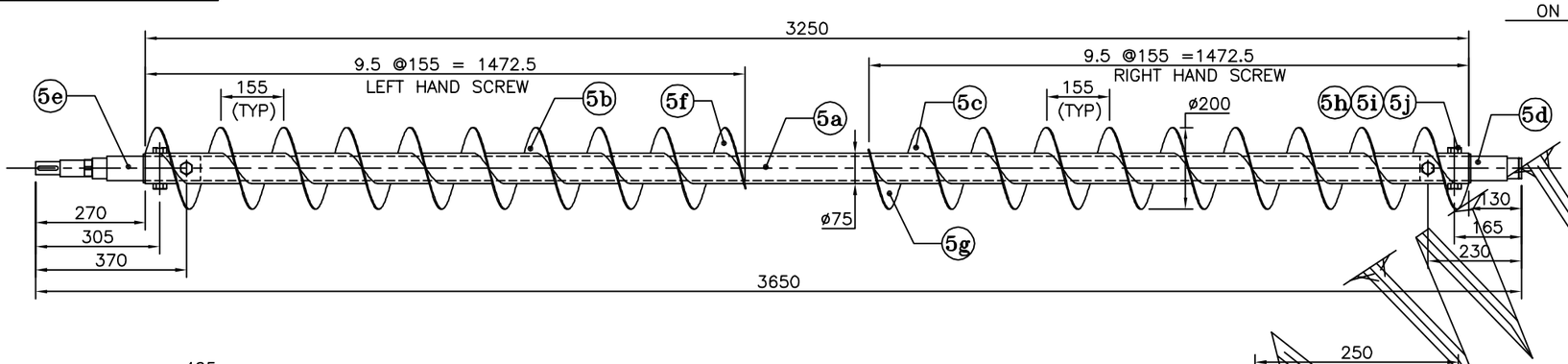
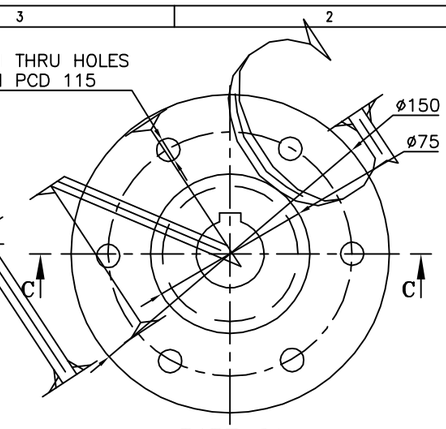
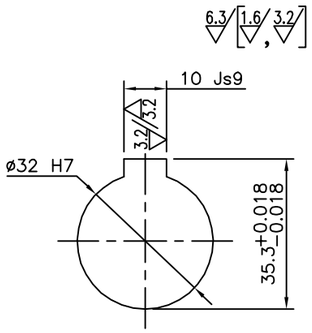
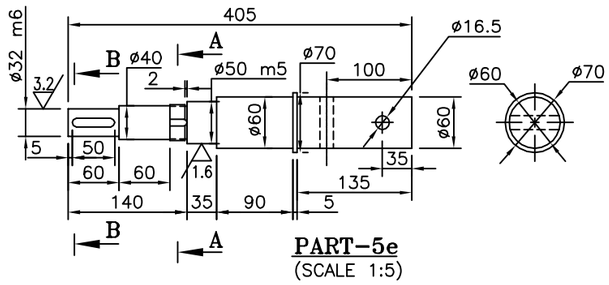




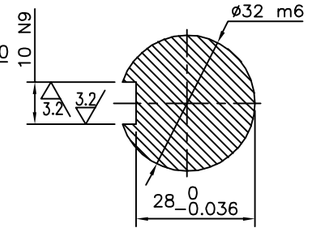
PART–21
(SCALE 1:2)



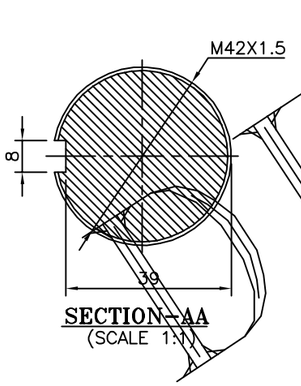
KEYWAY DETAILS
(SCALE 1:1)



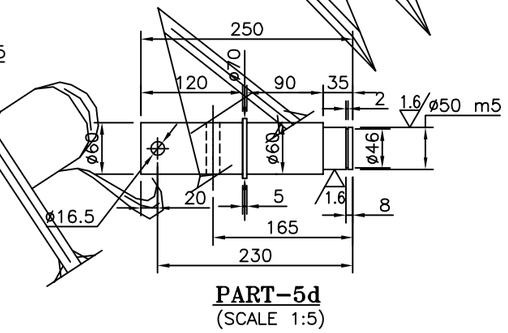
PART–5e
(SCALE 1:5)



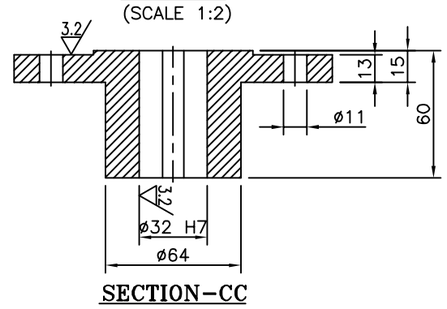
SECTION–BB
(SCALE 1:1)



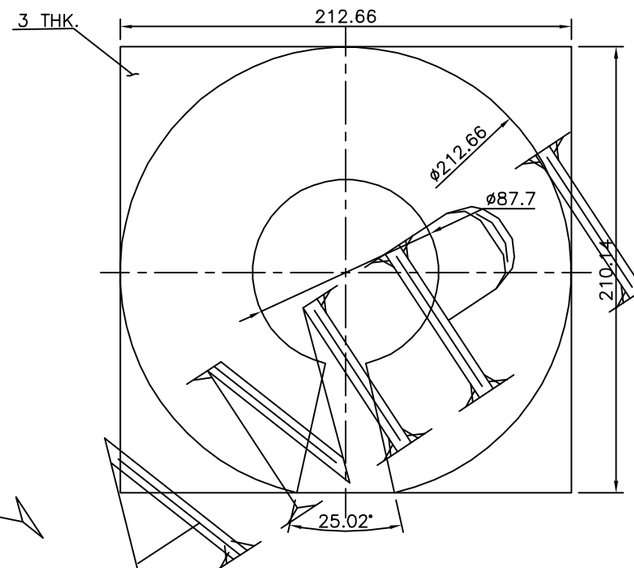
SECTION–AA
(SCALE 1:1)



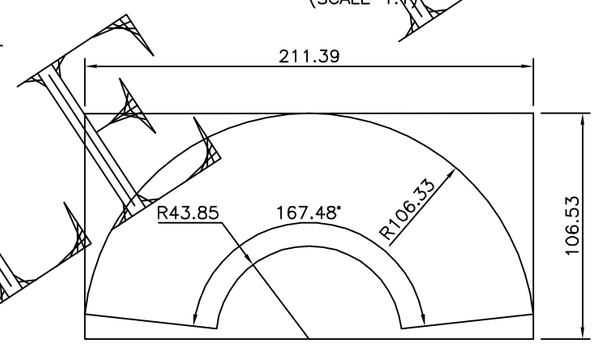
PART–5d
(SCALE 1:5)



SECTION–CC

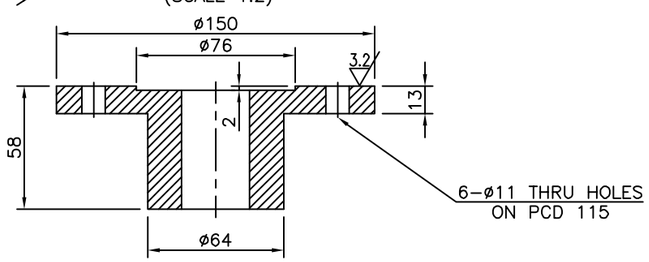


DEVELOPMENT OF PART No.5b & 5c.
(SCALE 1:2)



DEVELOPMENT OF PART No.5f & 5g.
(SCALE 1:2)

TOL. ON FIT	TOL. IN mm.
ø50 m5	+0.009 0.000
ø32 H7	+0.025 0.000
ø32 m6	+0.025 +0.009
10 N9	0.000 −0.036
10 Js9	+0.018 −0.018



PART–22
(SCALE 1:2)

NOTES :–

1. PART SHALL BE FREE FROM ALL KINDS OF DEFECTS.
2. UNSPECIFIED RADII SHALL BE NOT MORE THAN 2mm.
3. UNSPECIFIED CHAMFERS SHALL BE NOT MORE THAN 2X45°.
4. ALL SHARP EDGES TO BE SMOOTHLY ROUNDED OFF.
5. REMOVE BURRS AFTER MACHINING.
6. BLADE EDGES SHALL BE SMOOTHLY GROUND AFTER GAS CUTTING
7. WELDING SHALL BE FREE FROM ALL KINDS OF DEFECTS.
8. ALL THE FILLET WELD SHALL BE NOT MORE THAN 5mm.
9. PART No.–22 BORE & KEYWAY SHOULD BE MACHINED ACCORDING TO DIA OF GEAR BOX SHAFT.

PART No.	DESCRIPTION	DRG. No./ SPECN.	PROPOSED MATERIAL SPECN.	QTY.	UNIT WEIGHT (Kg.)	TOTAL WEIGHT (Kg.)	REMARKS/ CATALOGUE No.
22.	FLANGE OD 150 X ID 32 X 58Lg	–	STRL. STEEL E250 B IS:2062–2006	1	7.67	7.67	
21.	FLANGE OD 150 X ID 32 X 60Lg	–	STRL. STEEL E250 B IS:2062–2006	1	7.94	7.94	
5j.	SPRING WASHERS B16	IS3063–2004	SPRING STEEL 70C6 IS:4072–2001	8	–	–	–
5i.	HEX HEAD NUT M16	IS:1363 (3) –1998	STEEL Cl.8 IS:1367(6)–2004	4	–	–	–
5h.	HEX HEAD BOLT M16 x 75 Lg.	IS:1363 (2) –2002	STEEL Cl.8.8 IS:1367(3)–2002	4	–	–	–
5g.	HELICAL BLADE (RIGHT HAND) 212 X 107 X 3THK	–	STRL. STEEL E250 B IS:2062–2006	1	0.53	1.06	
5f.	HELICAL BLADE (LEFT HAND) 212 X 107 X 3THK	–	STRL. STEEL E250 B IS:2062–2006	1	0.53	1.06	
5e.	SHAFT OD 70 X 405Lg	–	45C8 IS:5517–2004	1	12.23	12.23	
5d.	SHAFT OD 70 X 250Lg	–	45C8 IS:5517–2004	1	7.55	7.55	
5c.	HELICAL BLADE (RIGHT HAND) 213 X 211 X 3THK	–	STRL. STEEL E250 B IS:2062–2006	9	1.05	9.52	
5b.	HELICAL BLADE (LEFT HAND) 213 X 211 X 3THK	–	STRL. STEEL E250 B IS:2062–2006	9	1.05	9.52	
5a.	PIPE OD 75 X ID 60 X 3250Lg	IS:3601–2006	Gr–3 IS:10748–2004	1	40.5	40.5	

R.No.	ZONE	DESCRIPTION	DATE	APD.

REVISION

JOB No.

SCALE: 1:10, 1:5, 1:2, 1:1

TOTAL Wt. (Kg)

DATE

UNIT/SECTION:

EQUIPMENT:

SCREW SHAFT ASSEMBLY & FLANGE COUPLINGS

	NAME	SIGNATURE
SKD.		
DRN.		
CHD.		

REF. DRG. No. –

REV.No. 0

DRG.No. REV. No. 0