

MACHINED COMPONENTS (GROUP -II)

Sl No	LF No	Drawing No	Nomenclature
1	6106208042	172.25.071B	DISTANCE SLEEVE
2	6106851034	172.25.088	STAND
3	6106851037	172.25.091	SHAFT
4	6106208059	172.25.095	RATCHET WHEEL
5	6106209019	172.26.015-4	SPROCKET
6	6106210034	172.27.003	SHAFT
7	6106210061	172.27.060A	ROD
8	6106210062	172.27.061-A	LEVER STEEL 38XC
9	6106210064	172.27.063	LEVER
10	6106210065	172.27.064-1	TORSION BAR
11	6106210066	172.27.065-2	LEVER
12	6106210124	172.27.135	TEMPLATE WHEEL
13	6106210129	172.27.140	RACK
*14	6106210169	172.27.195	LEVER
15	6106890059	172.28.005	GEAR
16	6106211060	172.28.006	SPROCKET
17	6106211068	172.28.017-2	SPROCKET
18	6106403009	172.42.008	LEFT-HAND LEVER
19	6106403023	172.42.028	SHAFT
20	6106407036	172.46.054-1	SHAFT, DRIVING
21	6106408070	172.47.141-1	TORSION BAR
22	6106408071	172.47.142-1	GEAR WHEEL
23	6106210187	172-2M.27.004	TORSION BAR
24	6106211039	175.28.003-2	LOCKING DISC
25	6106211007	175.28.007CB-2	LOCKING DISC
26	6106401103	175.40.002	PLUG
27	6106401106	175.40.006-1	RING
28	6106401138	175.40.042	NUT
29	6106402036	175.41.052-1	DRIVING HUB
30	6106402045	175.41.062	NUT
31	6106402052	175.41.074	OIL SLINGER
32	6106402060	175.41.084	COUPLING
33	6106402061	175.41.085	GUITAR YOKE
34	6101041038	188.41.007	FORK
35	6106402062	175.41.086	UNIVERSAL JOINT YOKE
36	6106402063	175.41.087	YOKE
37	6106402065	175.41.089	REDUCTION GEAR UNIT YOKE, DRIVEN
38	6106402066	175.41.091	COUPLING
39	6106403026	175.42.001-1	LEVER
40	6106414013	175.54.012	PLUG
41	6101047002	179.47.001	TORSION BAR
42	6101028026	188.28.004SB	DISC TETAINDER
43	6106202040	432.17.010	INNER DRUM
44	6106202044	432.17.017-1	GEAR
45	6106401202	432.40.160-1	NEEDLE BEARING BUSHING OF 4TH PLANETARY
46	6106202022	434.17.005	GEAR
47	6106202027	434.17.012	GEAR
48	6106202037	434.17.024	DRIVEN SHAFT

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1	Components as per enclosed list of Machined Components (Group II) <i>Total items = 48 Nos</i>	TECHNOLOGY-1	Turning	CNC Turning machine suitable to accommodate component upto 150 mm diameter with 0.010mm accuracy			
			Milling & Drilling	HMC/VMC machine as per component requirement with 0.010mm accuracy			
			Grinding	Internal/ External /Surface grinding machine as per component requirement with 0.010mm accuracy			
			Gear machining		Gears machining by Hobbing / Gear Shaping/ Broaching method as per component requirement with class 7 accuracy		
		TECHNOLOGY-2	Heat Treatment		Carburising, Hardening, Induction Hardening & Tempering furnace with Oil quenching facility suitable to the components		
			Protection coating		Oxidising , Phosphating, Zinc chromatising, Hard Chromium Plant suitable to the components		
		TECHNOLOGY-3	Raw material		Firm should be capable to arrange the raw material like forging, casting, bar material etc as per drawing specification and standard.		

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1	Components as per enclosed list of Machined Components (Group II)	TEST / INSPECTION-1	3D CMM	3D CMM 300 x 300mm		
			Surface Roughness Tester		Surface Roughness Tester for Ra & Rz values	
			Gauges	Standard Gauges for checking holes and threads ^{holes and threads} suitable to the requirement of the components. Firm should submit the undertaking in this regard that they will create the facilities within 6 months from the date of receipt of order.		
			Measuring Instruments	* Vernier Caliper, Groove Vernier, Gear tooth Micrometer, Radius gauge, Feeler Gauge etc. suitable to the requirement of the components	Profile projector for checking profiles / splines of 10X magnification <i>edh</i>	
		TEST / INSPECTION-2	Hardness measurement		Brinell / Rockwell Hardness Tester	