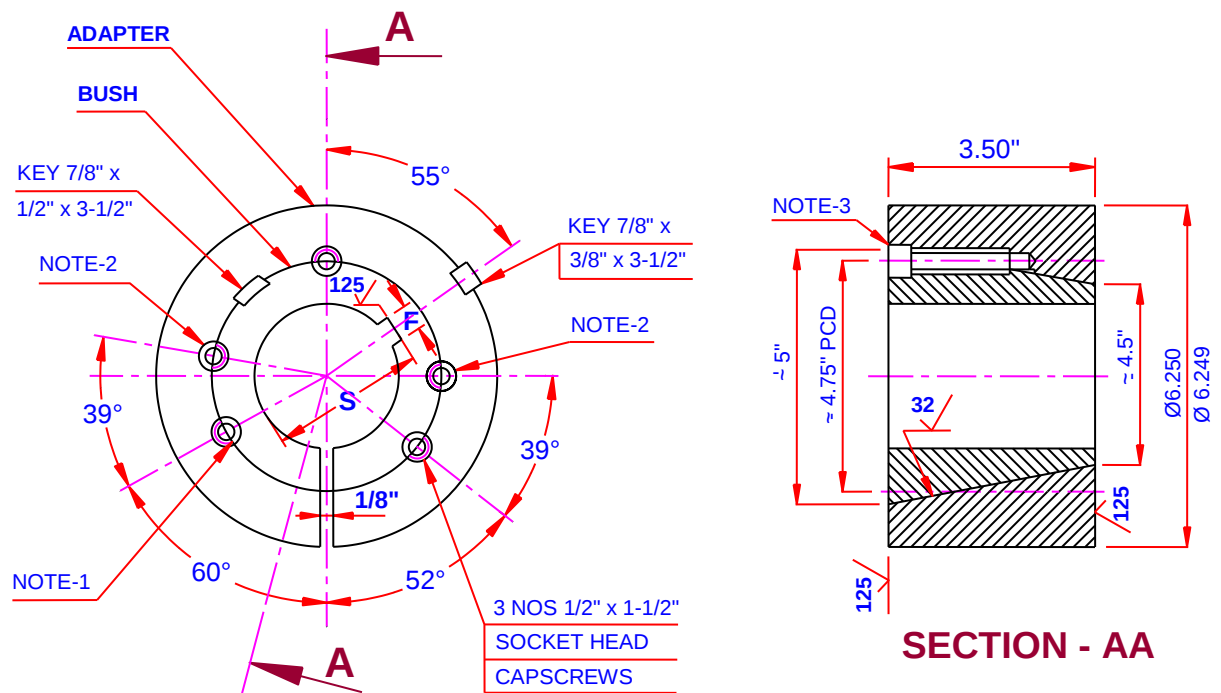


		Bharat Heavy Electricals Ltd Boiler Auxiliaries Plant Ranipet - 632 406		EDC / AIR PREHEATERS TECHNICAL SPECIFICATION Effective Date: 06.02.2017	
Specification No : APSQ – 059			Rev. No : 07		Page No : 01 of 02
01.	Item	TAPER LOCK BUSH & ADAPTER			
02.	Material code (s)	Refer page 02 of 02			
03.	Application	Used in Regenerative Air preheater Main Drive assembly.			
04.	Rated Torque & Speed	825 Kg-m at 13 rpm.			
05.	Nature of load	Moderate Shock Load.			
06.	Material	Carbon Steel as per IS 2062 Gr A			
07.	Dimensions	As per page 02 of 02.			
08.	Scope of supply	Bush, Adapter, Screws (3 Nos) and Keys (2 Nos) supplied as a unit.			
09.	GENERAL a) Only latest revision shall be referred for all the standards specified. b) All items shall be packed properly to avoid damage during transit.				
10.	INSPECTION a) Inspection by BHEL. b) Dimensional Report shall be submitted.				
07	06.02.17	(Sd) VMR	(Sd) SCH	(Sd) RSB	Reviewed & re-affirmed.
06	12.11.08	(Sd) RR	(Sd) PPS	(Sd) GRV	Dim S & F corrected for MC 963201550000.
05	01.10.05	(Sd) GA	(Sd) PPS	(Sd) GRV	Clause 10.b modified.
04	02.04.02	(Sd) RR	(Sd) PPS	(Sd) GRV	Surroundings & ambient temperature deleted; page modified.
03	20.10.00	(Sd) GA	(Sd) PPS	(Sd) GRV	Clause 12b added; Clause 10 changed.
02	17.03.97	(Sd) PPS	(Sd) PPS	(Sd) GRV	Shaft dia corrected for 96 320 155; in clause 7, 1650 was 2475.
01	03.10.94	(Sd) DB	(Sd) PPS	(Sd) GRV	New Material Code 96 320 155 added; Clause 13b deleted. Drawing updated.
00	16.09.93	(Sd) DB	(Sd) RSB	(Sd) RSM	FRESH ISSUE
Rev.No	Date	Prepared	Checked	Approved	Record of Revisions.

Drawing

63 / ALL OVER EXCEPT WHERE OTHERWISE STATED



Tolerance for untolerenced dimensions are as per Medium Class of **IS 2102 Part I**
Unless specified, all Dimensions are in inches.

Surface Roughness values indicated is in Thousand Inches.

Note 1 : Drill 3 holes in Bush & Adapter together and Tap 1/2" in Hub only for tightening on Shaft Depth 2 1/2".

Note 2 : Drill 2 holes in Bush & Adapter together and Tap 1/2" in Bushing only for removal from Shaft Depth 2 1/2".

Note 3 : Countersunk all the 5 holes to suit 1/2" Socket Head Screws.

Material Code	Gear Reducer	Shaft Dia	Dim S	Dim F
96 320 155 0000	Type I	90.000 / 89.985 mm	95.600 / 95.400 mm	25.000 / 25.052 mm
96 320 019 0000	5 APC	3.500" / 3.499"	3.758" / 3.750"	0.874" / 0.872"
96 320 020 0000	3 APC	3.3120" / 3.3115"	3.570" / 3.562"	0.874" / 0.872"