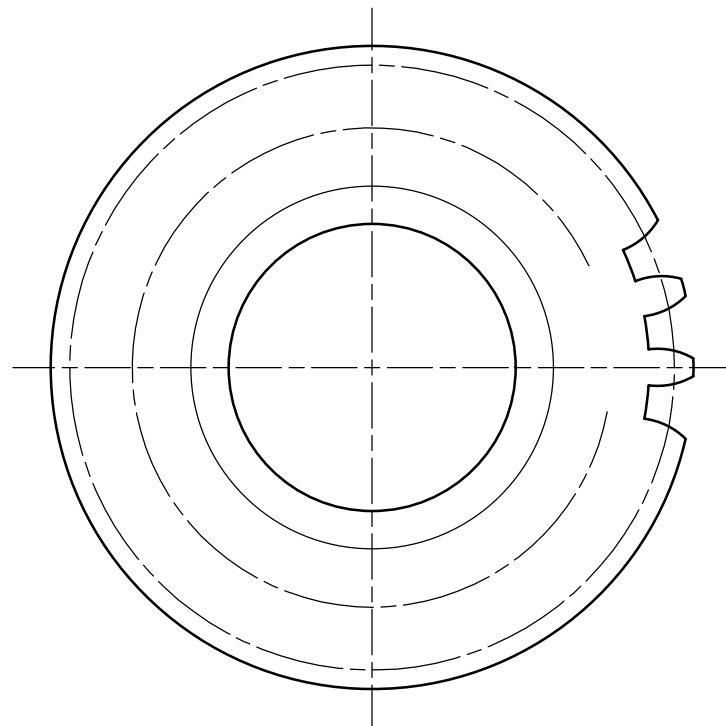
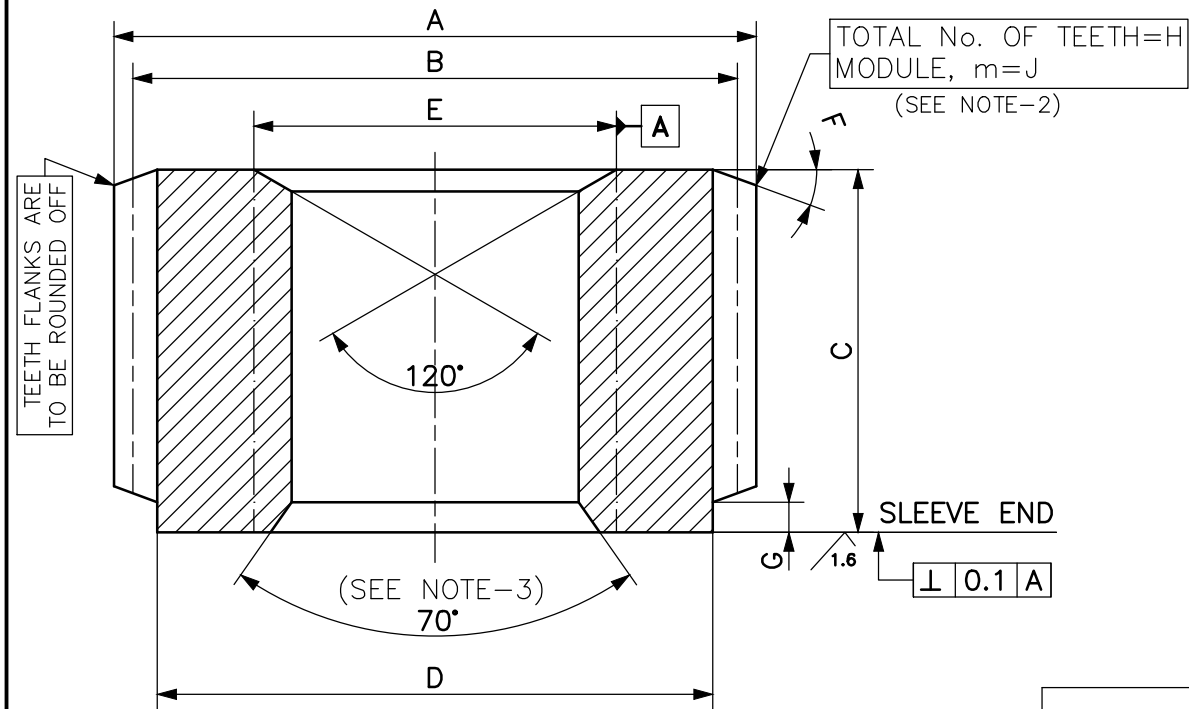


3-93-171-05416

DRAWING NO:



	VAR-01	VAR-02
A	ø85	ø47.25
B	ø80	ø43.75
C	48	27
D	ø73.5 ⁺⁰ _{-0.046}	ø39 ⁺⁰ _{-0.039}
E	M48x5-6H	M27x3-6H
F	20°	30°
G	4	3
H	32	25
J	2.5	1.75

NOTES:

01. APPLICABLE SPECIFICATIONS:
PC-M-965 & PC-P-979
02. THE PROFILE OF GEAR TEETH SHALL BE AS PER DIN-867.
03. GEAR NUT IS COUNTERSUNK DOWN TO THE THREAD DIA ON BOTH SIDES.
04. THE THREADINGS OTHERWISE SPECIFIED SHALL BE AS PER DIN 13.
05. THE THREAD END SHALL BE AS PER DIN-78 K.
06. THREAD RUNOUT SHALL BE AS PER DIN-76 PART-1.
07. ROUND OFF ALL SHARP CORNERS.
08. MACHINED SURFACES UNLESS OTHERWISE SPECIFIED SHALL HAVE A SURFACE ROUGHNESS VALUE $3.2/\sqrt{\quad}$ OR FINER.
09. THE COMPONENT SHALL BE FORGED AS CLOSE TO THE FINISHED SHAPE AS POSSIBLE.
10. THE BAR/ROD SHALL BE SUBJECTED TO M.T. AS PER PC-M-979 AND U.T. AS PER SA-388
11. EASILY REMOVABLE RUST PREVENTIVE COATING SHALL BE APPLIED DURING SHIPPING TO ENSURE SEA-WORTHINESS AND FOR STORAGE IN TROPICAL CONDITIONS.

TOLERANCE IF NOT SPECIFIED SHALL BE AS BELOW (REFER IS:2102-m)
(FOR MACHINING)

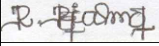
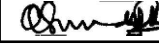
LINEAR				ANGULAR	
0.5 TO 3	±0.1	400 TO 1000	±0.8	0 TO 10	± 1°
3 TO 6	±0.1	1000 TO 2000	±1.2	10 TO 50	±30'
6 TO 30	±0.2	2000 TO 4000	±2.0	50 TO 120	±20'
30 TO 120	±0.3	—	—	120 TO 400	±10'
120 TO 400	±0.5	—	—	OVER 400	± 5'

02		GEAR NUT								0. 200	
						34CrNiMo6	A				
01		GEAR NUT								1. 200	
						34CrNiMo6	A				
VARIANT NUMBER	ITEM NUMBER	DESCRIPTION	STD	DRAWING NUMBER	ITEM NO	MATERIAL CODE	A/C	UNIT	UNIT WEIGHT	QUANTITY	US
					VAR NO	MATERIAL SPECN		D1			

REV	DATE	ALTERED :
01		CHD&APPD :

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT
700MWe Steam Generator
W.O.No.D157 TO D160-001-1-93-171-GHAVP-1&2
(Customer Drg.: GHAVP-1&2/33111/4028 TO 4030/DD/REV:00)

 05-229/D	Bharat Heavy Electricals Ltd			DRN	NAME K.R.	SIGNATURE 	DATE 060718	NO. OF VAR	
	UNIT: HIGH PRESSURE BOILER PLANT			CHD	RRV/NKK		060718		
	TIRUCHIRAPALLI - 620014			APPD	A.S.		060718		
DEPT NC	GRADE OF UNTOL DIM C/M/F		SCALE 1:1	WEIGHT (Kg) — —	REF TO ASSY / OLD DWG			ITEM NO	No OF ITEMS
CODE 150									
TITLE GEAR NUT				CARD CODE U 01	DRAWING NO : 3-93-171-05416			REV 00	

Size A3