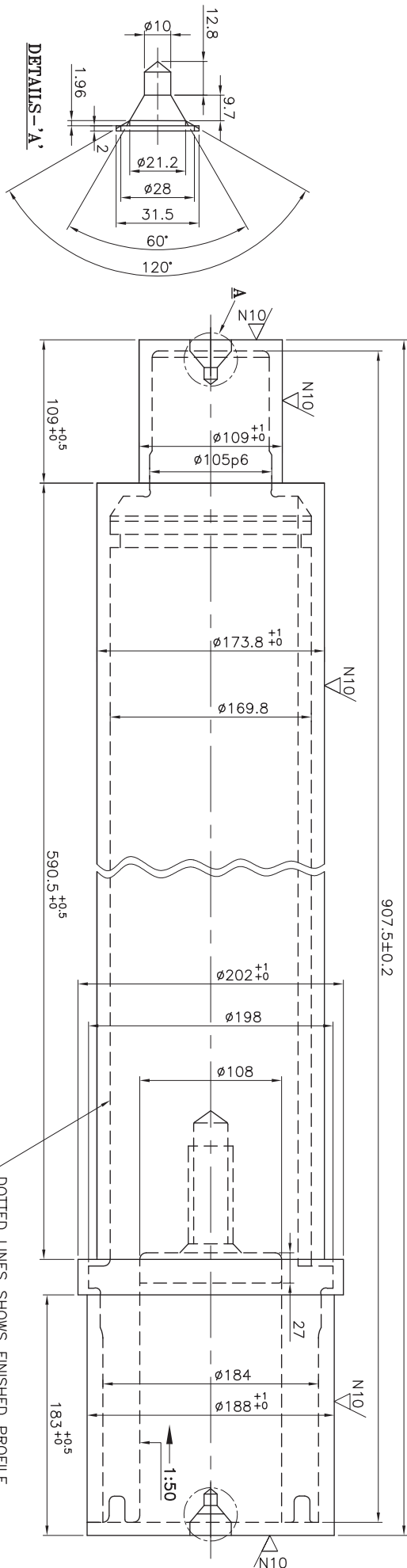


150 49 54 544 3 ON DRG.



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NOTE:-

1. MATERIAL: AS PER SPEC. NO. 4TMS.096.071 OR ALTERNATIVE MATERIAL TO SPEC.NO.4TMS.095.005 ALT-2. UNLESS OTHERWISE SPECIFICALLY ASKED FOR THE MATERIAL WILL BE AS PER SPEC.NO.4TMS.096.051 ALT-2
2. THE MECHANICAL PROPERTIES OF THE MATERIAL SHALL BE AS UNDER-

Rm	Tensile strength	880 to 1030 N/mm ²
ROH,Rp 0.2	Yield strength	735 N/mm ²
A5	Elongation	12%(min)
Akv	Impact strength	45 J(min)

3. METALLURGICAL TESTS TO BE CARRIED OUT BY BHEL.
4. MATERIAL MANUFACTURING PROCEDURE, TESTS, INSPECTION AND OTHER GENERAL REQUIREMENTS SHALL CONFIRM TO TM10406.

INVENTORY NO. SIGN. & DATE REF. DRG. NO.

SURFACE ROUGHNESS VALUE TO IS:3073		GRADE NUMBER	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
Rg μ m		0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50	
SYMBOL		V												
REV.		DATE	ALTERED											
02		26.9.13	CHECKED	APPROVED										
ZONE		NOTES 1, 2 & 3 WERE ON. IN BOM SPEC. NO. TM10406 WAS NOT ON. NOTE-4 WAS NOT ON.												
REV.		DATE	ALTERED											
01		27.1.11	CHECKED	APPROVED										
ZONE		DRG. UPDATE & DIGITIZED.												
DISTRIBUTION OF PRINTS TME-1, TXM-3, TNX-1														
STATUS OF DRAWING														
ADDITIONAL INFORMATION 3TWD.096.073														
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT														
BHARAT HEAVY ELECTRICALS LTD BROPAL														
DRN. S.D.BHAGAT -sd- 03.09.10														
CHD. D.K. -sd- 03.09.10														
APPD. A.S. -sd- 03.09.10														
REF. TO ASSY. DRG.														
ITEM NO.														
NO. OF VAR.														
DRAWING NO.														
3 445 45 64 051														
REV.														
02														
SHT. NO.														
01														
NO. OF SHT.														
01														