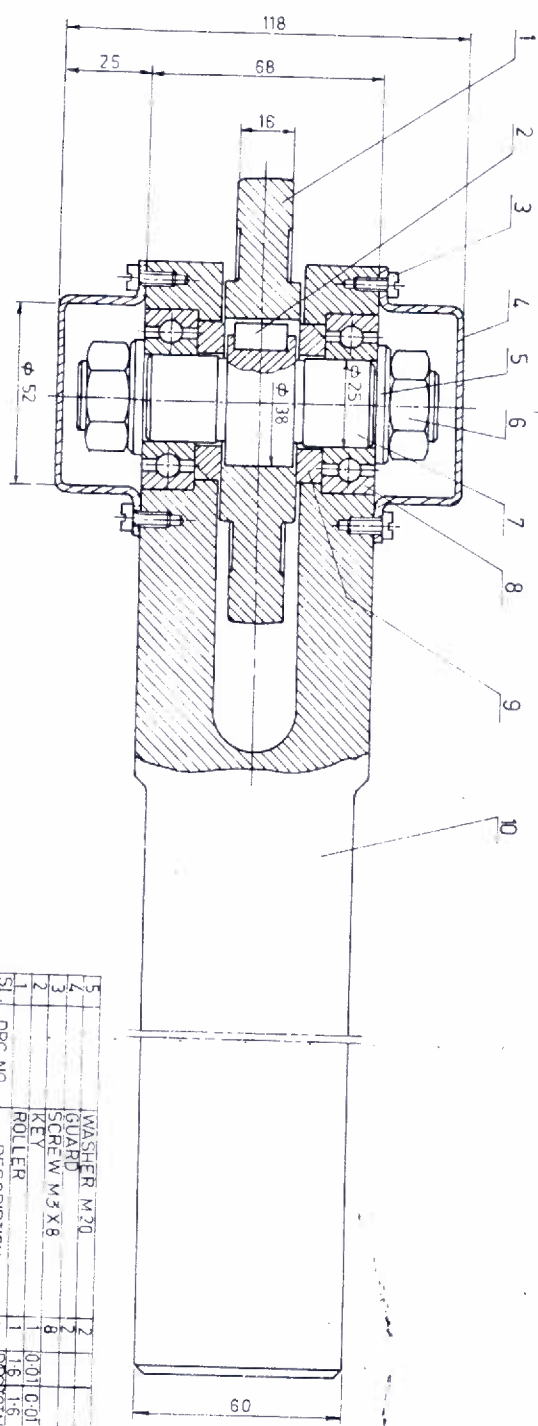
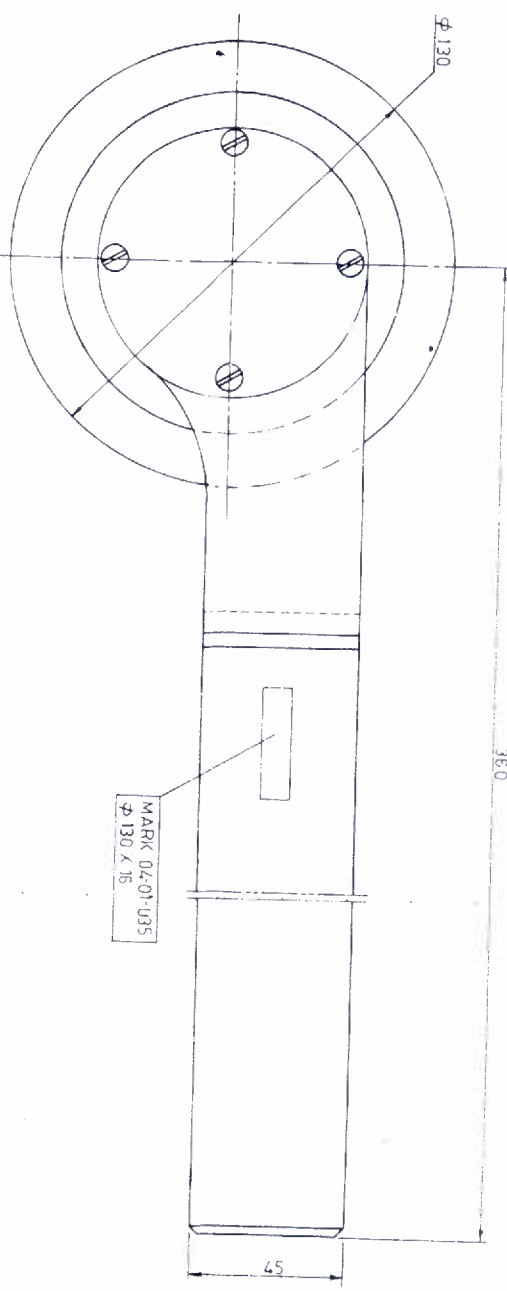




SL. NO.	DRG. NO.	DESCRIPTION	QTY	PRO. TOTAL	MATL.	REMARKS
1		MANDBRE	1	5.0	5.0	
2		SPECIAL WASHER	2	0.07	0.14	
3		BALL BEARING	2	0.18	0.36	
4		AXLE	1	0.43	0.43	
5		NUT M20	2	0.43	0.43	

SL. NO.	DRG. NO.	DESCRIPTION	QTY	PRO. TOTAL	MATL.	REMARKS
1		WASHER M20	2	0.01	0.01	
2		GUARD	2	0.01	0.01	
3		SCREW M3 X 8	8	0.01	0.01	
4		KEY	1	0.01	0.01	
5		ROLLER	1	18.16	18.16	

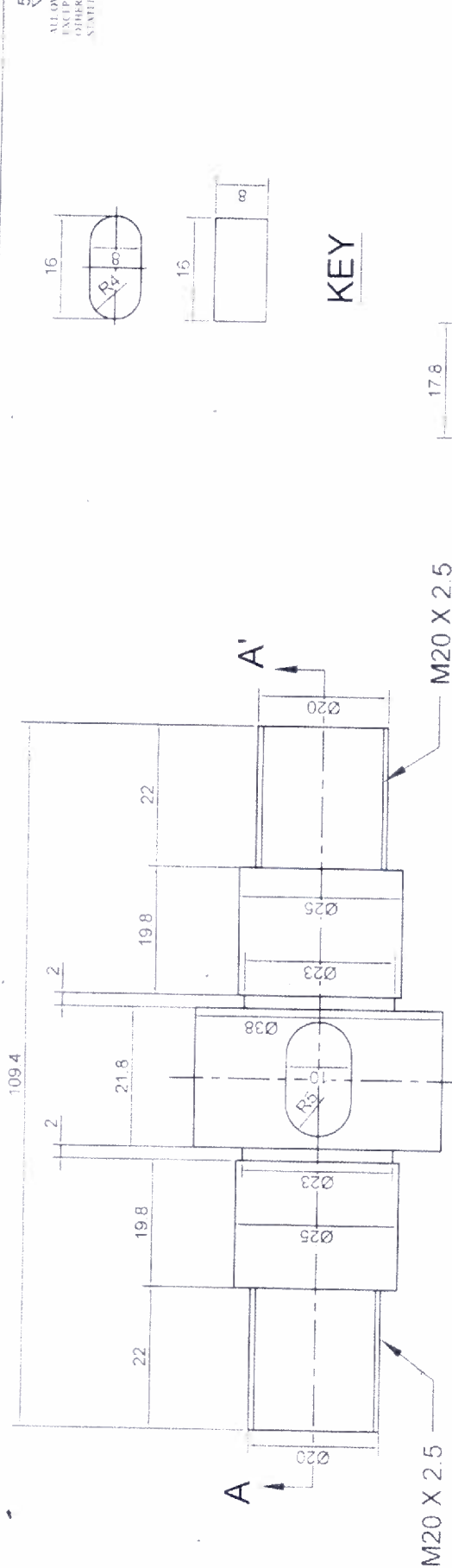
BHARAT HEAVY ELECTRICALS LTD.
UNIT : CENTRAL FOUNDRY FORGE PLANT.
HARDWAR.

**ROLLER FOR BURNISHING
SHAFT JOURNAL**

DESIGNED BY	D.K. MISHRA	CHECKED BY	S.K. BHATT
APPROVED BY	K.M. SINGH	DATE	04-01-035
SHEET NO.	6	NO. OF SHEETS	6

5/

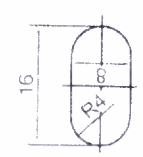
ALL OVER
EXCEPT
OTHERWISE
STATED



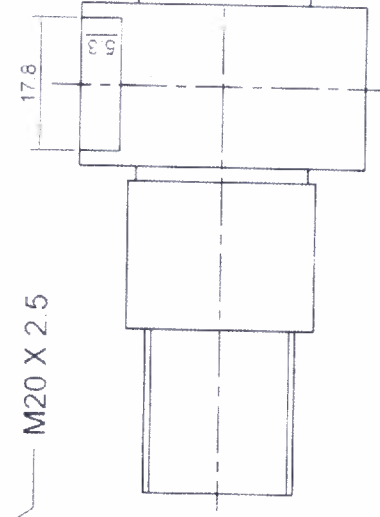
AXLE

M20 X 2.5

M20 X 2.5



KEY



SECTION A-A'

NOTE:

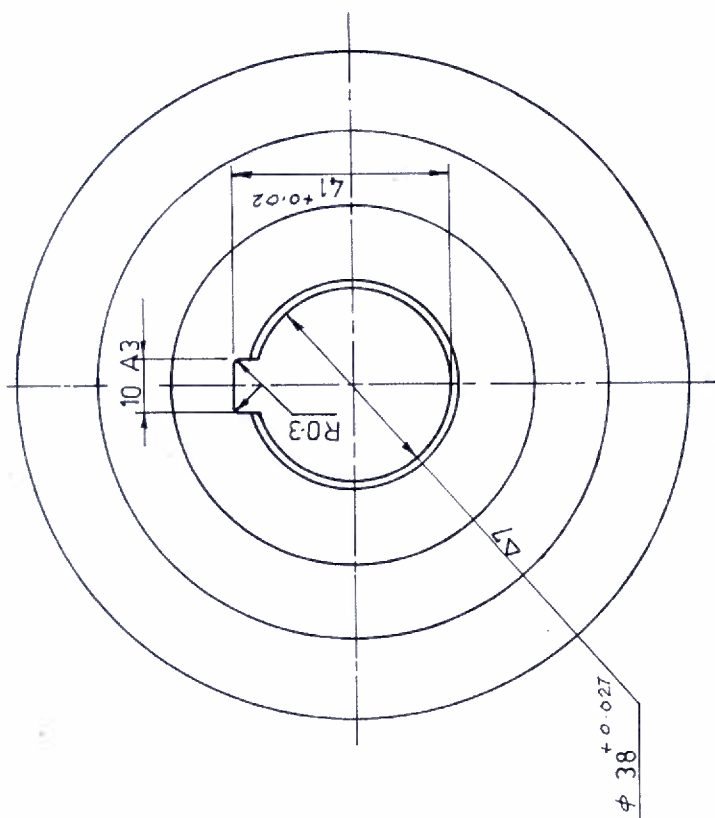
1. FILLET RADIUS- R1
2. ALL SHARP EDGES TO BE CHAMFERED- 1X45°
3. AXLE TO BE SUPPLIED WITH KEY

BHARAT HEAVY ELECTRICALS. LTD.
CENTRAL FOUNDRY FORGE PLANT
RANIPUR HARDWARE

DEPT. M/C SHOP	MATERIAL	NAME	DATE
AXLE OF ROLLER	EN24	ANKIT SHARMA	05-10-16
DRAWING NO.		CHD M. ASAD	05-10-16
PROJECT AND CUSTOMER NAME		APPO R K SINGH	05-10-16
M/C SHOP CFFP		CFFP DRAWING NO.	
		04-01-035	
		SHEET NO. 1	NO. OF SHEETS 01

ALL UNSPECIFIED TOLERANCES TO BE AS

VALUE RANGE	> 0	> 6	> 30	> 120	> 315	> 1000	> 2000	> 4000
TOLERANCE	+0.1 -0.1	+0.2 -0.2	+0.3 -0.3	+0.5 -0.5	+0.8 -0.8	+1.2 -1.2	+2.0 -2.0	+3.0 -3.0



NOTE:-
1- TO BE HARDEND TO HRC 62-65
2- SURFACE OF $\phi 130$ TO BE POLISHED.

BHARAT HEAVY ELECTRICALS LTD.
UNIT : CENTRAL FOUNDRY FORGE PLANT.
HARDWAR.

DEPT	R.M.S.	SCALE	NTS.	WEIGHT IN G'S	1-6
TITLE					
ROLLER					
DRAWN WORKED CHECKED APPROVED D.K. MISHRA S.K. BHATIA R. MEHRA SIGN DATE					
XBR / T105 W IS: 1570-61					
DRAWING NO.					04-01-035
SHEET NO.					7

Technical drawing of a mechanical part showing a side view and a top view.

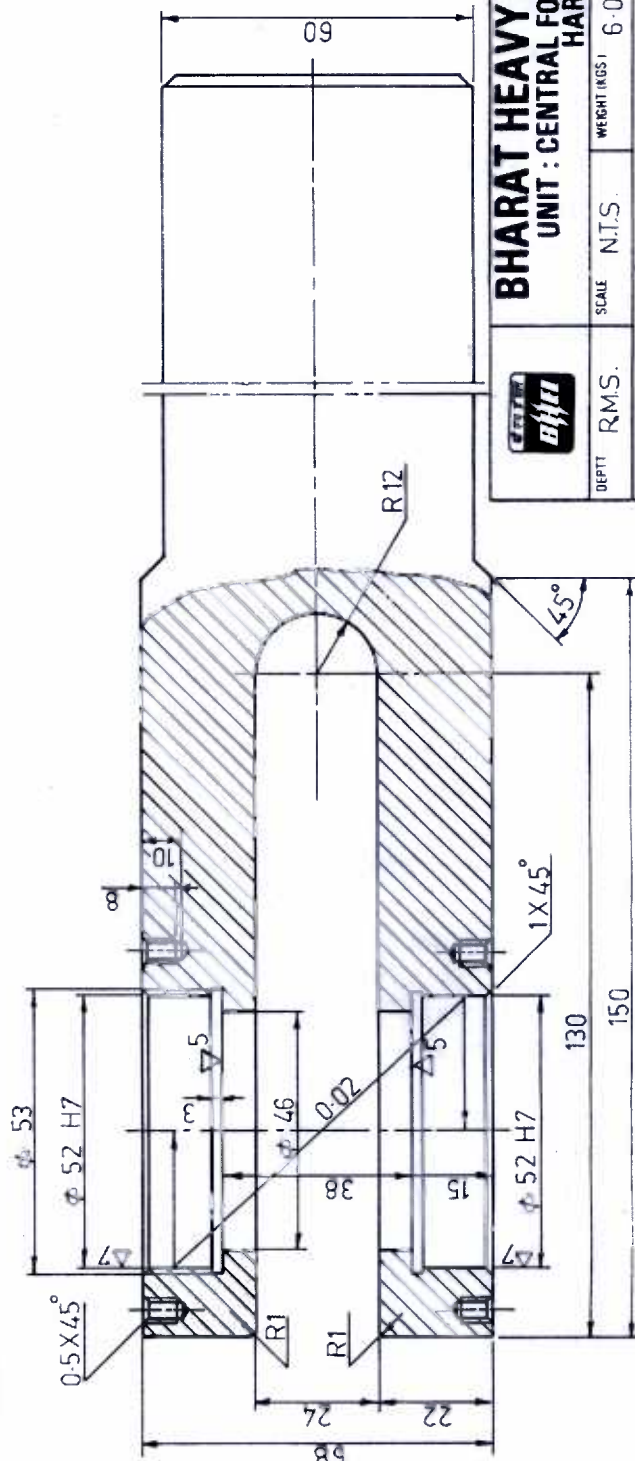
Side View Dimensions:

- Total height: 400
- Top flange width: 57
- Top flange thickness: 5
- Bottom flange width: 360
- Bottom flange thickness: 5
- Bottom flange chamfer: $2 \times 45^\circ$
- Fillet radius: R40

Top View Dimensions:

- Hole diameter: $\phi 80$
- Pitch Circle Diameter (PCD): 70
- Note: 2-GROUP OF 4-HOLES M3

2-GROUP OF
4-HOLES M3



1 - SHARP EDGES TO BE ROUNDED OFF.
2 - TO BE HARDENED TO HRC 35-40

BHARAT HEAVY ELECTRICALS LTD.
UNIT : CENTRAL FOUNDRY FORGE PLANT.
HARDWAR.

DEPT	RMS.	SCALE	N.T.S.	WEIGHT (KGS)	6-0
TITLE					
MANDREL					
DRAWN		NAME		SIGN	DATE
WORKED		D. K. MISHRA		<i>[Signature]</i>	
CHECKED		D. K. MISHRA		<i>[Signature]</i>	21/12
APPROVED		D. K. MISHRA		<i>[Signature]</i>	21/12
DRAWING NO		04-01-035			
MAT:-		C-40, 0500.007			

SIZE A3