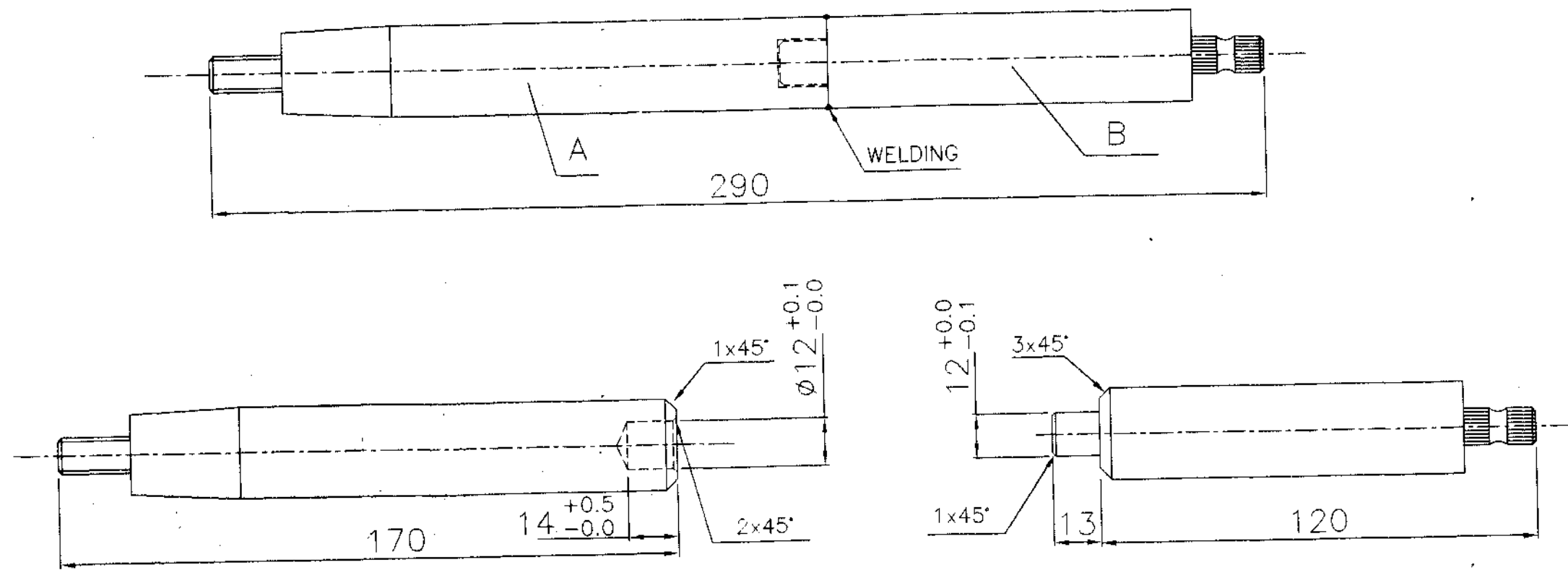


D:\MVK\640\620-04-1121 TO 1124

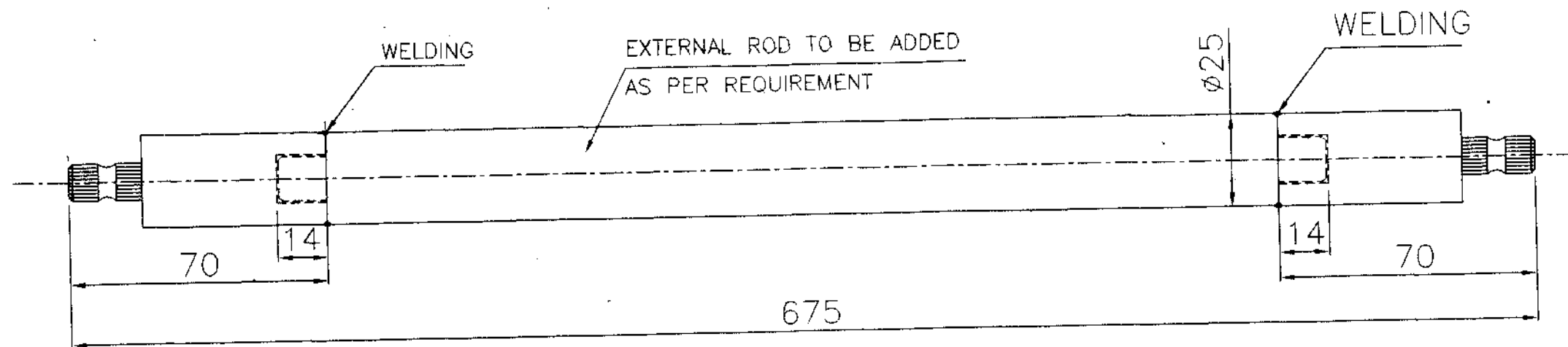
DRG. NO: 620-04-1123  
**STEERING SHAFT**  
 (STEERING COLUMN MODIFICATION WORK)



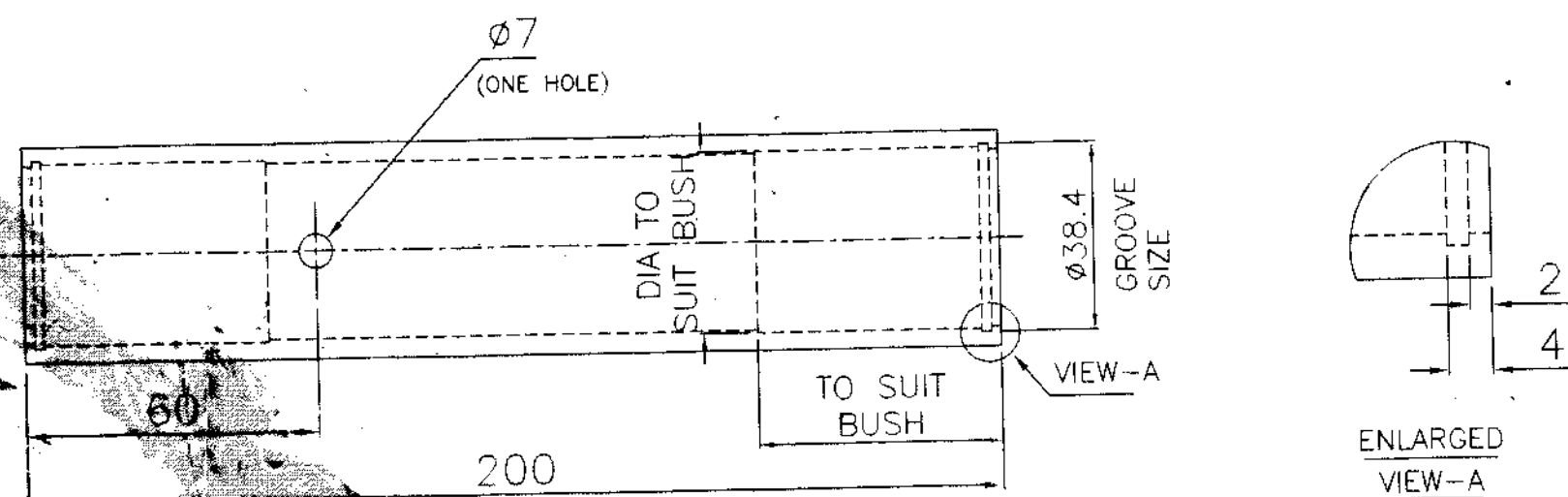
NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. UNSPECIFIED LIMIT DEVIATIONS ARE  $\pm 1$ mm
3. ORIGINAL STEERING COLUMN PARTS WILL BE SUPPLIED BY THE USER SECTION. MODIFICATION/REPAIR WORK HAS TO DO FOR THESE PARTS AS MENTIONED IN THE DRAWING.
4. FOR DRAWING NO: 620-04-1124-1 AN ADDITIONAL ROD HAS TO ADD TO OBTAIN THE LENGTH AS MENTIONED IN THE DRAWING.
5. THE LENGTHS GIVEN IN THE DRAWING ARE FOR REFERENCE ONLY. HOWEVER FINAL DIMENSIONS ARE TO BE CONFIRMED FROM USER SECTION SINCE THESE WILL CHANGE FROM BATCH TO BATCH.
6. IN DWG. NO: 620-01-1121, ORIGINAL PIPE HAS TO CUT FROM ONE END AND TO MAINTAIN 200mm LENGTH AS SHOWN IN THE DRAWING. SEATING FOR BUSH i.e. TURNING AND GROOVING WORK HAS TO MAKE AS SHOWN IN THE DRAWING ON CUTTING END.

DRG. NO: 620-04-1124  
**INTERMEDIATE SHAFT**  
 (STEERING COLUMN MODIFICATION WORK)



DRG. NO: 620-04-1121  
**PIPE**  
 (STEERING COLUMN MODIFICATION WORK)



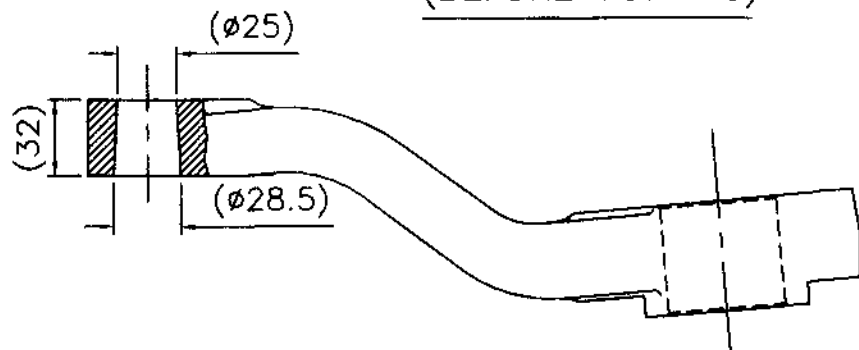
**ORDNANCE FACTORY, MEDAK**  
 Yeddumailaram-502 205 (AP)  
 Research & Development Section  
 Issue of Drawings

Control No:..... Date:.....  
 Issued To: .....

A	ISSUE	APPRD.	NATURE OF AMENDMENT	USED ON QTY./VEH.	1
	IN 620-04-1121, DIM 200 WAS 260. HOLE $\phi 7$ IS ADDED. IN 620-04-1123, DIM 290,170,120 WAS 350,175,175 IN 620-04-1124, DIM 675 WAS 655 & DIM 70 AT BOTH ENDS ADDED NEWLY. NOTE ADDED.				
AUTHD. M.S.P. APRD. M.S.P. CHKD. M.K. DRWN. M.V.K.			DWG. NO: 620-04-1121/1123/1124 /A		MPV
NAME   SIGN   DATE			REPAIR WORK ON STEERING COLUMN PARTS		
ORDNANCE FACTORY MEDAK			MATERIAL:		SHEET NO   SCALE   WEIGHT THIRD ANGLE PROJECTION

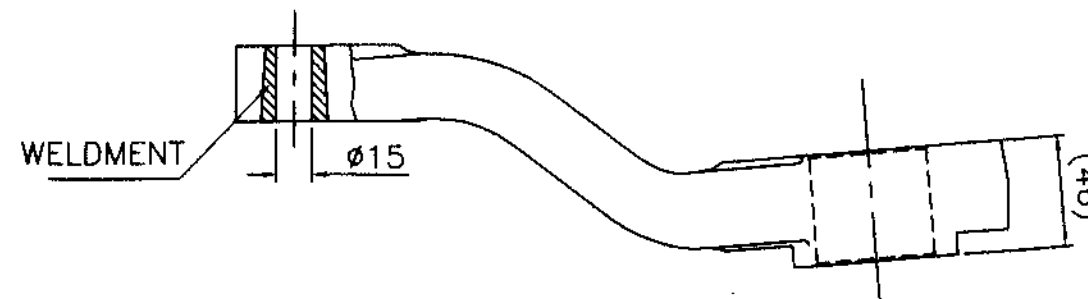
ORIGINAL STEERING ARM (B2592501)

(BEFORE WELDING)



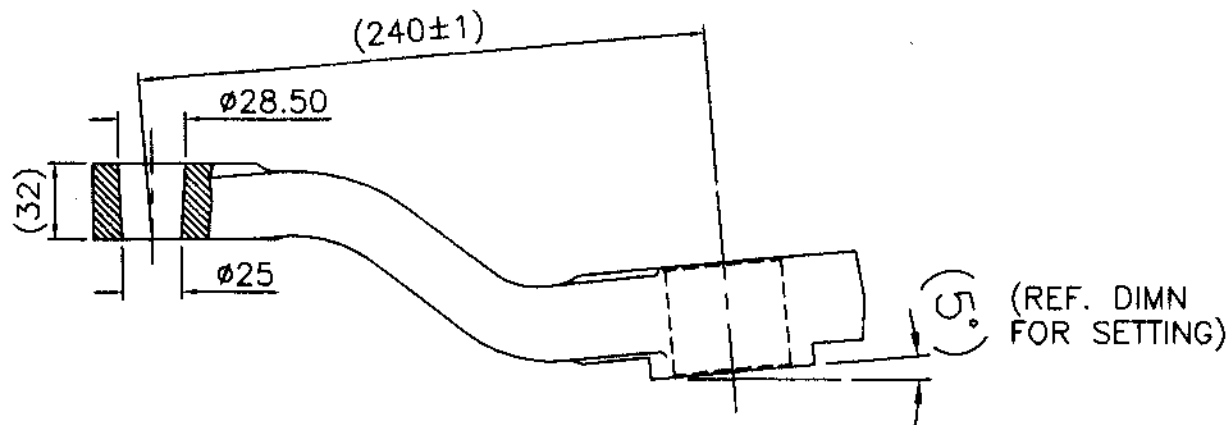
STEERING ARM AFTER WELDING

(WELDING IS TO BE DONE IN TAPERED HOLE AS SHOWN BELOW)



STEERING ARM MACHINING DRAWING

(TAPERED HOLE IS TO BE DONE AS SHOWN BELOW)



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DATE: 01-06-07 *D.O. MOSCOW*

15/04

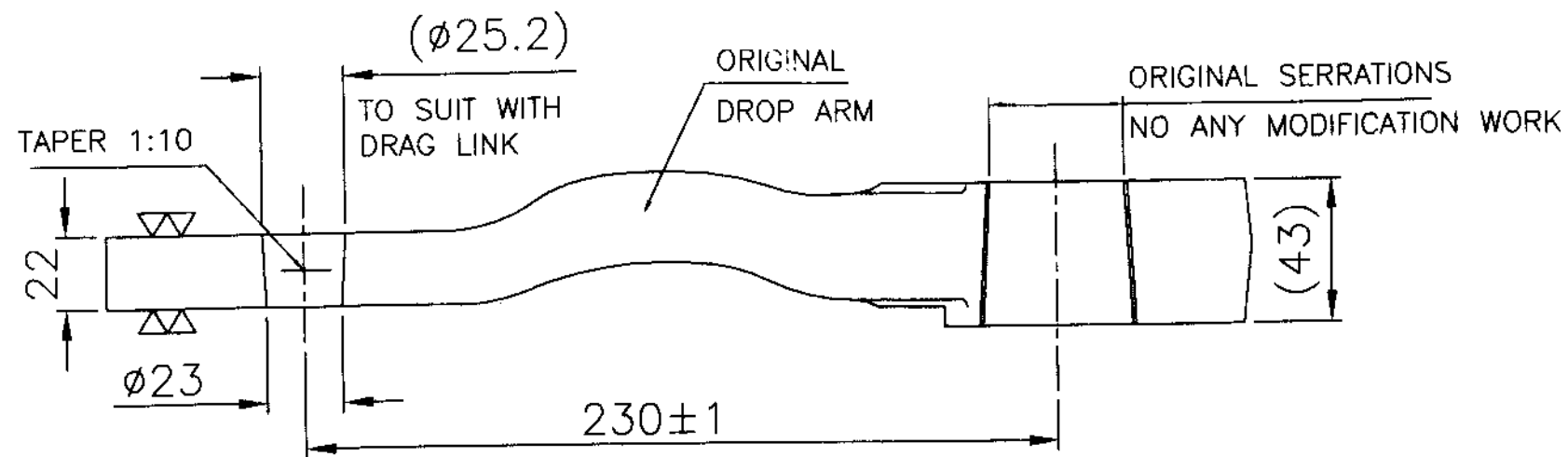
NOTE:

1. ALL DIMENSIONS ARE IN MM.
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE  $\pm 0,1\text{mm}$ .
3. REWORK ON ORIGINAL STEERING ARM IS :
  - a) TAPERED HOLE IS TO BE FILLED WITH WELDEMENT MATERIAL BY WELDING.
  - b) TAPERED HOLE IS TO BE DONE AS SHOWN IN DRAWING.
4. NO REWORK TO ORIGINAL TAPERED HOLES AT HIGHER THICK END.
5. DIMENSIONS IN BRACKET ARE FOR REFERENCE.
6. ORIGINAL STEERING ARM WILL BE SUPPLIED BY THE USER SECTION, DULY BLOCKED THE EXISTING HOLE WITH WELDING FOR REWORK.
7. TAPERED HOLE HAS TO SUIT WITH DRAG LINK (STALLION PART NO.: X 3218415) SUPPLIED BY THE USER SECTION.
8. DIMENSIONS GIVEN ARE FOR REFERENCE ONLY AND DIMENSIONS ARE TO BE MAINTAINED AS PER USER SECTION REQUIREMENTS.

ISSUE		APPRD.		NATURE OF AMENDMENT		
A		04/06/07		1. NOMEN. DROP ARM IS AMENDED AS STEERING ARM 2. STEERING ARM NO. IS NEWLY ADDED. 3. DIFFERENT STAGES OF AMENDMENTS ARE SHOWN.		
AUTHD. B.P.B				DRG. NO: 610-04-1126-1/A		
APRD. S.K.V				SHEET NO		
CHKD. BSKR				SCALE		
DRWN. M.V.K. <i>me</i> 01/06/07				WEIGHT		
NAME SIGN DATE				STEERING ARM MODIFICATION WORK		
ORDNANCE FACTORY MEDAK				MATERIAL:		
				Ill rd. Angle Projection		

USED ON	QTY./VEH.
M.P.V. (STEERING SYSTEM)	1

04/16



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 DATE: 01-06-07 *DO/HQS*

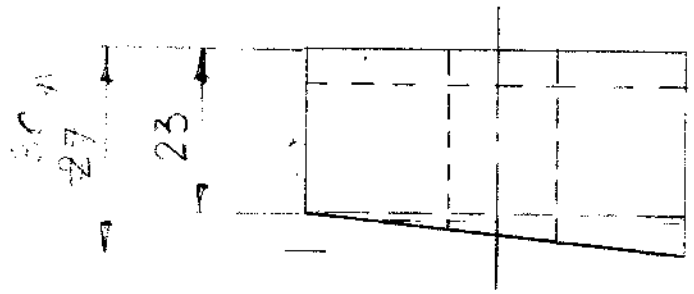
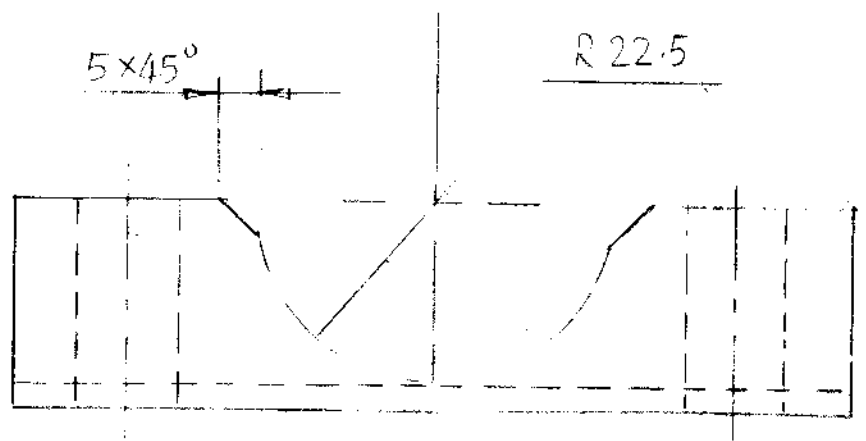
**NOTE:**

1. ALL DIMENSIONS ARE IN MM.
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE ±0,1mm.
3. REWORK ON ORIGINAL DROP ARM.
  - a) THICKNESS IS TO BE MAINTAINED AS SHOWN IN DRAWING.
  - b) TAPERED HOLE OF DIA Ø25 IS TO BE DONE AS SHOWN IN DRAWING.
4. NO REWORK TO ORIGINAL TAPERED HOLES AT HIGHER THICK END.
5. TWO TAPERED HOLES WILL BE IN OPPOSITE DIRECTIONS.
6. ORIGINAL DROP ARM WILL BE SUPPLIED BY THE USER SECTION DULY BLOCKED THE EXISTING HOLE WITH WELDING FOR REWORK.
7. TAPERED HOLE HAS TO SUIT WITH DRAG LINK (SHAKTHIMAN PART NO. : 81.46610.6296) SUPPLIED BY THE USER SECTION.
8. DIMENSIONS GIVEN ARE FOR REFERENCE ONLY AND DIMENSIONS ARE TO BE MAINTAINED AS PER USER SECTION REQUIREMENTS.

*16/04*

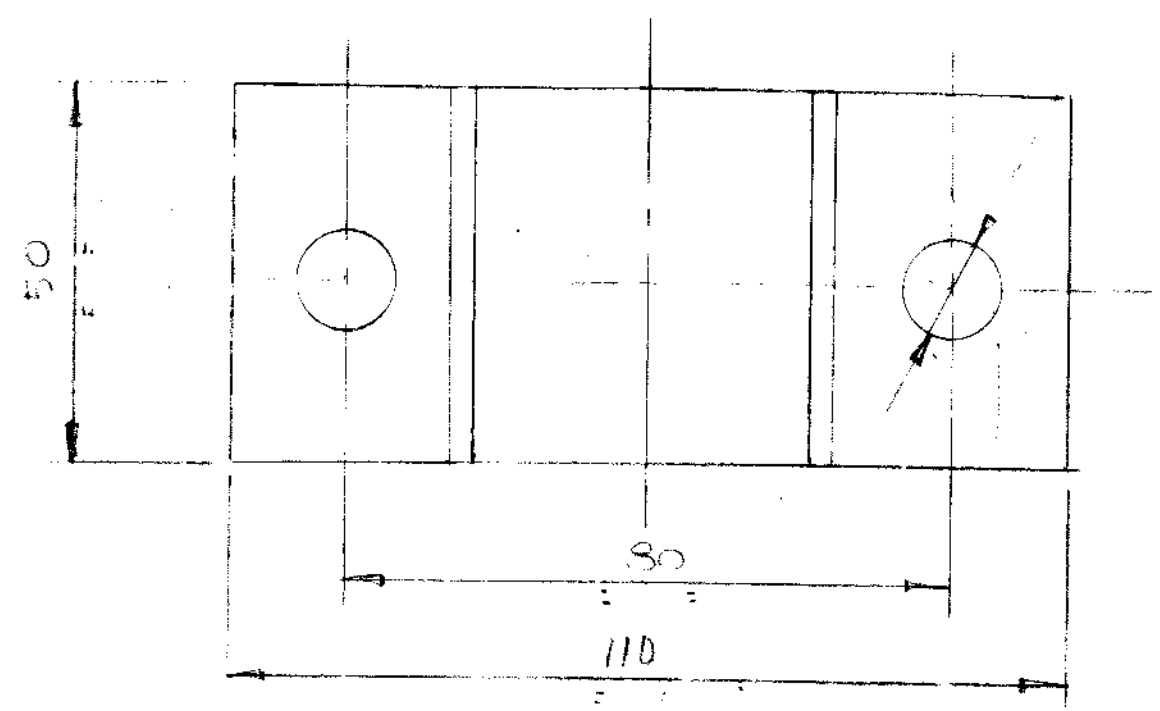
		QTY./VEH.	1		
		USED ON	M.P.V.	(STEERING SYSTEM)	
(A)	<i>21/06/07</i>	TECHNICAL NOTE IS ADDED. CAD DRAWING IS PREPARED.			
ISSUE	APPRD.	NATURE OF AMENDMENT			
AUTHD.	B.P.B	DRG. NO: 610-04-1128-1/			
APRD.	S.K.V	<b>DROP ARM          MODIFICATION WORK</b>		SHEET NO	SCALE
CHKD.	BSR				
DRWN.	M.V.K. <i>21/06/07</i>				
		NAME	SIGN	DATE	
ORDNANCE FACTORY MEDAK		MATERIAL:		Illrd. Angle Projection	

*04/07*



Doc. No. \_\_\_\_\_  
Date: \_\_\_\_\_  
MOB/RS

2 HOLES  $\phi 13$

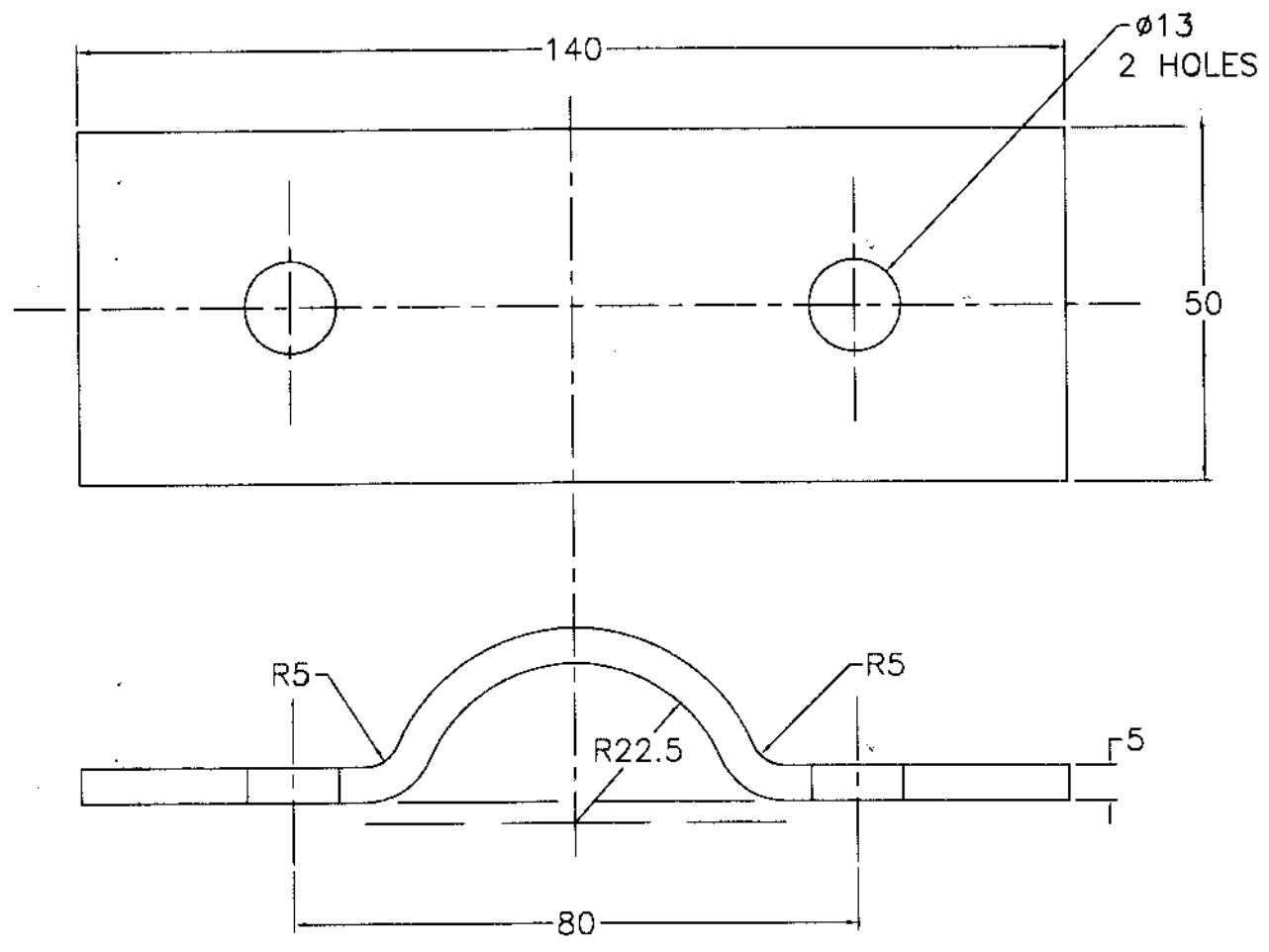


NOTES  
1. AS PER DRAWING  
2. ...

ISSUE		APPRD.	NATURE OF AMENDMENT		USED ON CITY/ASSY	QTY/VEH
A					2	2
AUTHOR: YESU		DRC NO: 620-04-1130-17A			USED ON CITY/ASSY	QTY/VEH
APRD. M.S.P.					2	2
CHKD.					HM/V	
DRWN	KS	DATE	SUPPORT PLATE (STEERING SYSTEM)		SHEET NO	WEIGHT
NAME	SIGN	DATE				
ORDNANCE FACTORY MEDAK		MATERIAL: EN9-BS: 94		J ANGLE		

17/02

ORDNANCE FACTORY, MEDAK  
 Research & Development, Design  
 Dept. of Drawing  
 Date: \_\_\_\_\_  
 No. of Sheets: \_\_\_\_\_  
 HOS R&D



- NOTE:
1. ALL DIMENSIONS ARE IN MM.
  2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS are  $\pm 0,1$ mm.
  3. COATING : PHOSPHATING - 9 MICRONS THICK.

		USED ON	QTY./VEH.
		H.M.P.V. (STALLION VERSION)	2
ISSUE	APPRD.	NATURE OF AMENDMENT	
AUTHD.	B.YESU	DRG. NO: 620-04-1131-1	
APRD.	M.S.P	SHEET NO SCALE WEIGHT	
CHKD.	R.K.D.	CLAMP PLATE (STEERING SYSTEM)	
DRWN	M.V.K	MINE PROTECTION VEHICLE	
	NAME SIGN DATE	MATERIAL: St34-IS: 1079	
ORDNANCE FACTORY MEDAK			

*18/04*  
*18/04*

Sheet no: 16 of 18

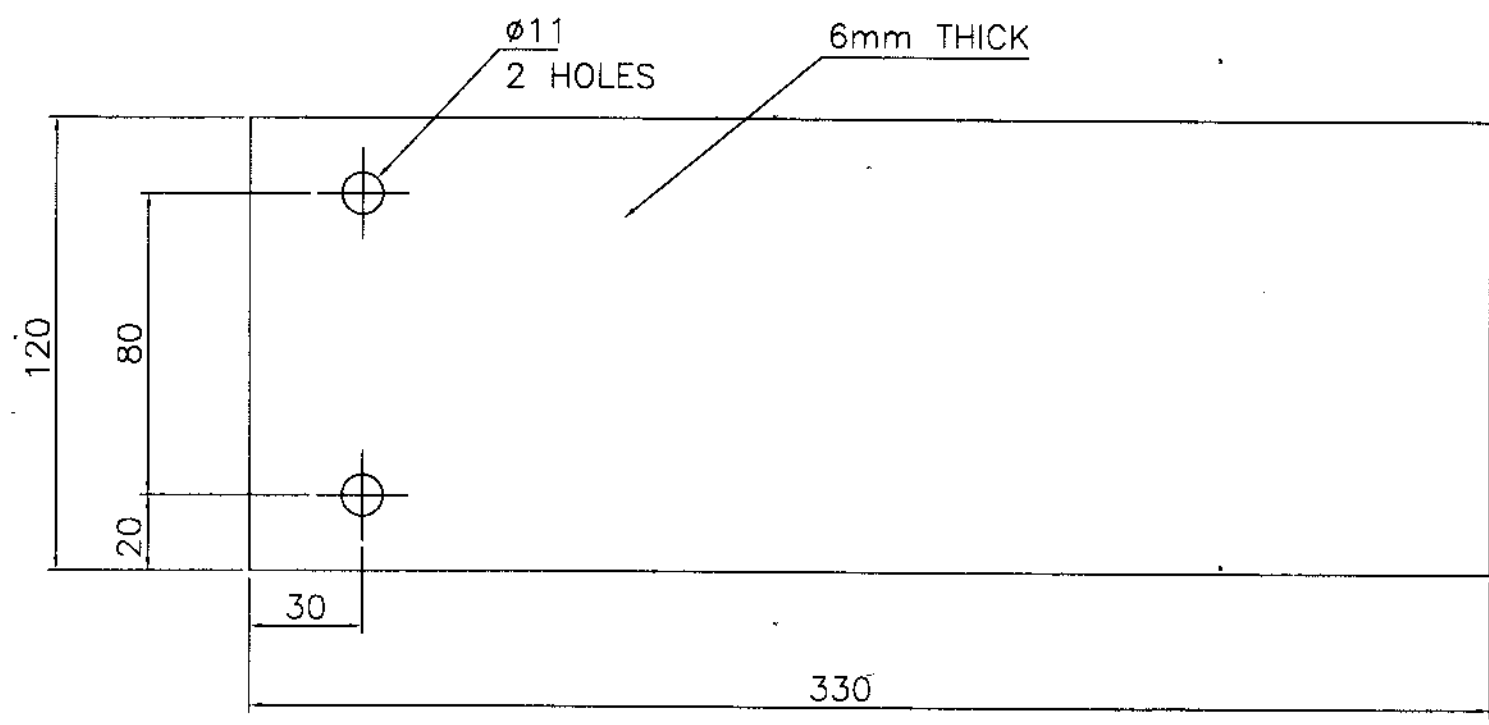
MHA

*04/19*

**ORDNANCE FACTORY, MEDAK**  
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HOS/R&D



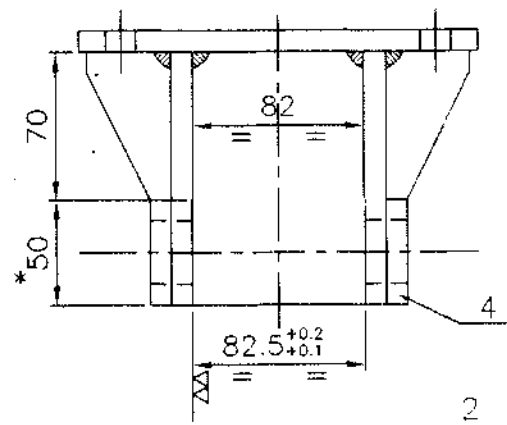
NOTE:  
 1. ALL DIMENSIONS ARE IN MM.  
 2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS are  $\pm 0,5$ mm.

				USED ON	QTY./VEH.
				M.P.V. (STALLION VERSION)	1
ISSUE	APPRD.	NATURE OF AMENDMENT			
AUTHD.		DRG. NO: 640-04-1132-1			
APRD.	M.S.P.				
CHKD.	MK				
DRWN	M.V.K.				
	NAME	SIGN	DATE	SHEET NO	SCALE
ORDNANCE FACTORY MEDAK		PLATE (STEERING OIL SUMP MNTG.) (MINE PROTECTION VEHICLE)		WEIGHT	
		MATERIAL: St-34 IS:1079			

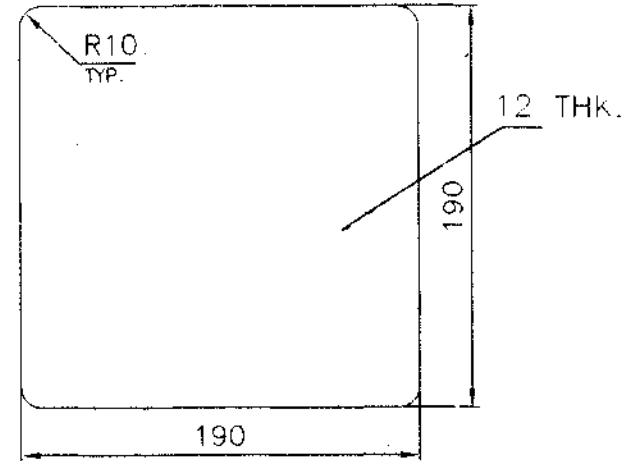
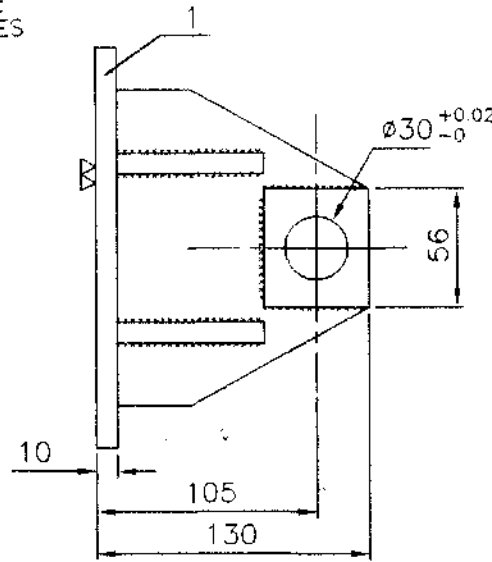
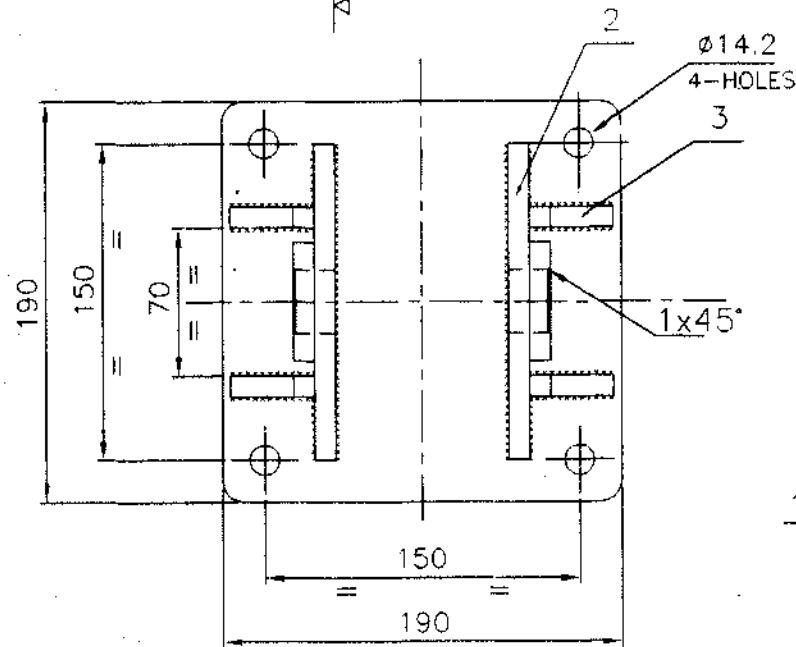
6/19

Sheet No: 17 of 48

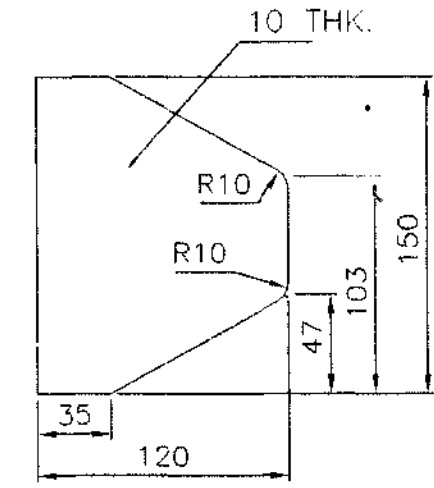
04/20



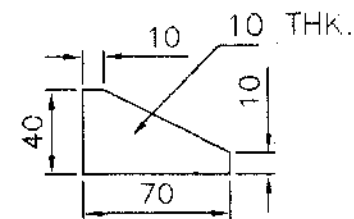
AMBV/00800  
BRACKET, CRANK ARM  
QTY/VEH: 1 No.



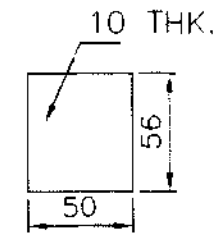
AMBV/00801  
BASE PLATE  
QTY/ASSY: 1 No.



AMBV/00802  
VERTICAL PLATE  
QTY/ASSY: 2 Nos.



AMBV/00803  
RIB  
QTY/ASSY: 4 Nos.



AMBV/00804  
SUPPORT PLATE  
QTY/ASSY: 2 Nos.

- ALL DIMENSIONS ARE IN mm.
- UNSPECIFIED LIMIT DEVIATIONS ARE  $\pm 0.1$ mm
- ALL MACHINING WORK IS TO BE DONE AFTER FULL WELDING OF THE BRACKET.
- DIMENSION  $82.5^{+0.2}_{-0.1}$  IS TO BE MAINTAINED OVER LENGTH OF 50mm AS SHOWN IN THE DRAWING WITH "\*" MARK.
- COATING: RED-OXIDE.

Sl. No.	DRAWING NUMBER	NOMENCLATURE	QTY./ ASSY.	REMARKS
04	AMBV/00804	SUPPORT PLATE	2	
03	AMBV/00803	RIB	4	
02	AMBV/00802	VERTICAL PLATE	2	
01	AMBV/00801	BASE PLATE	1	

ORDNANCE FACTORY, MEDAK  
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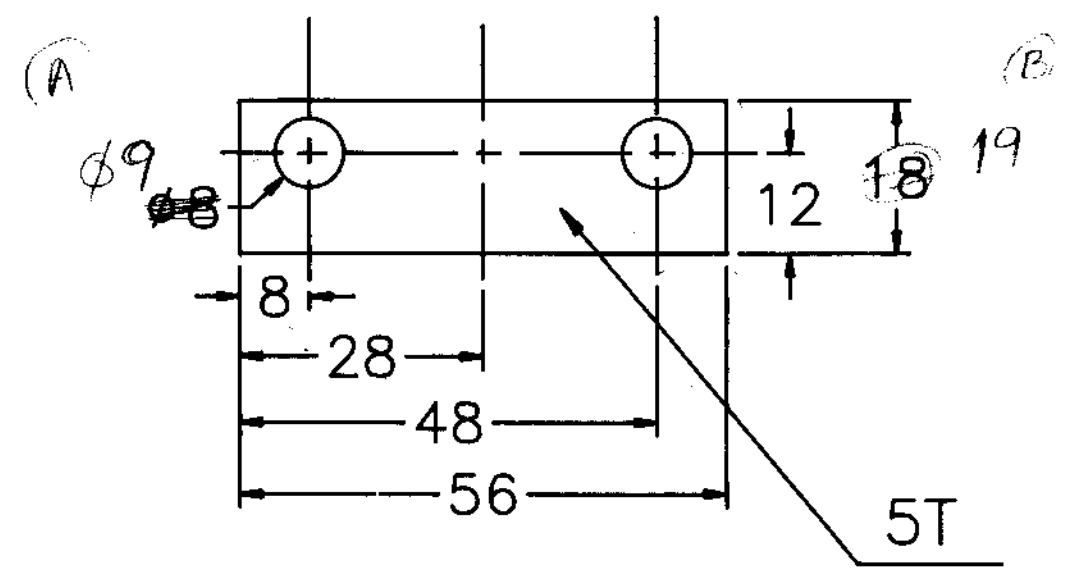
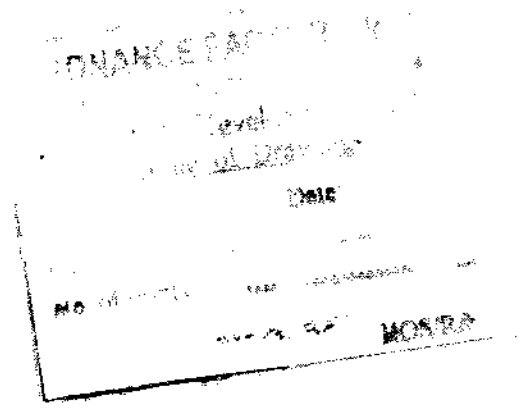
Copy No: ..... HOS/R&D

ISSUE	APPRD.	MACHINING FOR DIM 82.5 IS NEWLY ADDED.	USED ON	QTY./VEH.	1
AUTHD	APRD. M.S.P.	CHKD. M.K.	DRWN. M.V.K.	NAME	SIGN
DRG. NO: AMBV/00800-A			M.P.V.		
BRACKET CRANK ARM			SHEET NO	SCALE	WEIGHT
MATERIAL: 10/12mm THICK C-25 TO IS: 2073-70 (OR) St-42 - IS: 1079			THIRD ANGLE PROJECTION		

20/04

20/04

Sheet No: 4A14



**NOTE:**

1. ALL DIMENSIONS ARE IN MM.
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS are  $\pm 0.5\text{mm}$ .

15/02

		QTY./VEH.		2+8	
		USED ON		M.M.P.V.	
(B)	<i>[Signature]</i>	① Dia 17 to 18 ② M.P. Armour Steel Plate 5T			
(A)	<i>[Signature]</i>	① Dia of the hole of 18 18-04-02 & 8.			
ISSUE	APPRD.	NATURE OF AMENDMENT			
AUTHO.	B. YES	DRG. NO: 610-04-1104-1/B			
APRD.	M.S.P.	<b>PLATE</b> (STEERING SYSTEM) MEDIUM MINE PROOF VEHICLE		SHEET NO	SCALE
CHKD.	R.K.D.			WEIGHT	
DRWN	M.V.K.				
	NAME SIGN DATE				
<b>ORDNANCE FACTORY MEDAK</b>		MATERIAL: <del>EN-8</del> <b>(B)</b> Armour Steel 5mm thick			