



**EXPLANATORY NOTE:-**

THE COMPONENT SHOULD BE MANUFACTURED FROM COLD ROLLED 'A' COPPER SHEET OF THICKNESS 30-34mm. WITH SOFT-M CONDITION OF GRADE M1 TO GOST 495-77. CHEMICAL COMPOSITION AS PER GOST 859-78 & MECHANICAL PROPERTIES AS PER GOST 495-77. ARE - AS UNDER.

**CHEMICAL COMPOSITION %**

MANUFACTURING METHOD	GRADE	Cu+Ag NOT LESS THAN	IMPURITIES (NOT MORE THAN)									
			Bi	Sb	As	Fe	Ni	Pb	Sn	S	Zn	
REMETLED	M1	99.9	0.001	0.002	0.002	0.005	0.002	0.005	0.002	0.002	0.004	0.004

**MECHANICAL PROPERTIES**

MANUFACTURING METHOD	MATERIAL CONDITION	ULTIMATE STRENGTH OF RUPTURE. RM, M II a (Kgf/mm <sup>2</sup> )	ELONGATION A 10 % MIN	B. H N
COLD ROLLED	SOFT	200-260 (20-27)	36	55

1. ROUNDING-OFF WITH R12.5 MAYBE REPLACED BY CHAMFERING 5x45° ON TWO SIDES.
2. \* DIMENSION FOR REFERENCE.
3. COATING OF ENDS OF JUMPER SHOULD BE AS PER DIMENSIONS 25±2 HOT TUNING WITH TDC-40 GOST 21930-76 OR GOST 21931-76.
4. ABSENCE OF COATING IN HOLES IS ALLOWED.
5. REST OF REQUIREMENTS AS PER SZO TY 1.

**VETTED**  
 I/C USER  
 I/C G.A.

ERN	172 70 522	MATERIAL SHEET A1M4-3 GOST 495-77	USED ON 172 70 254 C6 C6
CHD			CONTROLLED BY QUALITY ASSURANCE (HEAVY VEHICLES)
TUD			A V A D I
AFPO			
DATE	15.10.86		
SCALE	1:1		
DIMENSIONS IN mm			
TOLERANCE ON DIMS UNLESS OTHERWISE STATED IS 20/2 69			
ALL THREADS TO CONFORM TO			
ISSUE / DATE			
NATURE OF AMENDMENTS			
TITLE	JUMPER		
DRAWING NUMBER	172 70 522		

PILOT SAMPLE SHOULD BE APPROVED BY A N S P BEFORE BLOCK PRODUCTION.

EST. WT. 0.053 Kg

TO BE STAMPED OR MARKED WHERE INDICATED THUS  $\neq$  LETTERS)

ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MALFORMED CORNERS TO HAVE R CUT-INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.