

DRAWING NUMBER  
172.91.568

SHEET No. 1 OF 1

Rz 500 ✓(✓)

1. ALTERNATE MATERIAL SHEET AMΓ6M (NON CLADDED) OR AMΓ6YM  
GOST 21631-76.
2. OTHER REQUIREMENTS ARE ACCORDING TO 520 TY 1.
3. \*DIMENSION FOR REFERENCE.

**EXPLANATORY NOTE :-**

4. REFERENCE MATERIAL QUOTED :- ALUMINIUM ALLOY SHEET 4 mm THICK,  
ANNEALED (M) WITH TECHNOLOGICAL CLADDING (Б) WITH NORMAL SURFACE  
FINISH TO GOST 21631-76. MANUFACTURED FROM GRADE AMΓ 6 TO GOST 4784-74.

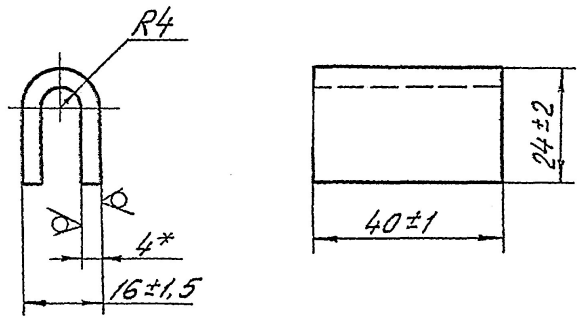
a) CHEMICAL COMPOSITION :-

GRADE OF ALLOY	ALLOYING CONSTITUENTS					IMPURITIES MAXIMUM				OTHER IMPURITIES	
	Al	Mg	Mn	Ti	Be	Fe	Si	Cu	Zn	EACH INDIVIDUALLY	TOTAL
AMΓ 6	BASE CONSTITUTE	5.8 - 6.8	0.5 - 0.8	0.02 - 0.10	0.0002 - 0.0005	0.4	0.4	0.1	0.2	0.05	0.1

b) MECHANICAL PROPERTIES :- AS PER GOST 21631-76

GRADE OF ALLOY	MATERIAL CONDITION OF SHEET	TENSILE STRENGTH Kg / mm <sup>2</sup>	YIELD POINT Kg / mm <sup>2</sup>	ELONGATION %
AMΓ 6	ANNEALED	31.0	15.0	15.0

(B) ALT. MATL. GRADE 54300 TO IS 737 - 86



PILOT SAMPLE SHOULD BE APPROVED BY A H S P BEFORE BULK PRODUCTION.

EST. WT. (Kg) 0.022 TO BE STAMPED OR MARKED WHERE INDICATED THUS # ( LETTERS)

ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUTSIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.

ISSUE	DATE	NATURE OF AMENDMENTS
B	19.05.06	AUTHY:-No.80001/CQA(HV)/GEN/A. dt 13.01.06
A	02.8.04	N OF A No. CQA(HV)/T-90/91/001

DRN	Sd/=	MATERIAL :- SHEET AMΓ6 6M-4 GOST 21631-76	USED ON :- 172.91.251cbCb ① 188.91.005cbCb 188.91.005cb-1Cb
CHD	Sd/=		
APPD	Sd/=	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI	
DATE	1.2.2000		
SCALE:- 1 : 1		TITLE :- <b>CLAMP</b>	
DIMENSIONS IN mm			
TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS : 2102 - 69		D S CAT NUMBER	
ALL THREADS TO CONFORM TO			
DRAWING NUMBER 172.91.568			

DRAWING RE - INDIANISED BASED ON RUSSIAN ORIGINAL ISSUE - NIL COMMON TO T-90 & BLT

F-173  
144

SIZE A3