



1. Inspection group IV TT-11.
 2. HRC₂ 28-35
 3. Technical requirements for threads as per Standard 82021-00.
 4. Dimensions with unspecified tolerances and the rest of the requirements - as per standard 82052-00.
 5. Coating :- Cadmium 3, Chromating as per UG 11-104 with elimination of Hydrogen embrittlement.
 6. The thread may be made by rolling with the diameter of unthreaded portion within the pitch diameter of thread.
- T. Mechanical damages of Cadmium coating such as scratches, nicks and dents are allowed on assembly units, provided the steel is not exposed.

* PROT SAMPLE SHOULD BE APPROVED BY A HSP BEFORE BULK PRODUCTION.

TEST, MASS	0.005 Kg	TO BE STAMPED OR MARKED WHERE INDICATED THIS # LETTERS ?
Authy: 3 rd Alt. Comm. Min. Pt. 2	Dated 27-02-09	ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED. FACED CORNERS TO HAVE A OUTSIDE R INSTEAD EQUIVALENT CHAMFERS ARE PERMISSIBLE.
ISSUE DATE	NATURE OF AMENDMENTS	MATERIAL: GOST 7417-75 ROUND BAR 38XA GOST 1051-73
SCALE: 1:1	DIMENSIONS IN mm	USED ON: CB 3301-15-30, CB 3301-15-44
TOLERANCE ON DIMS UNLESS OTHERWISE STATED		CONTROL STATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI
DATE	ALL THREADS TO CONFORM TO	TITLE: STUD M6x32
		D/S CAT NUMBER: 350-16A

8. EXPLANATORY NOTE:-

MATERIAL QUOTED:- ROUND BAR GOST 7417-75.
38XA GOST 1051-73

ROUND BAR GOST 7417-75 AS PER REQUIRED DIAMETER.
38XA = GRADE OF STEEL.

CHEMICAL COMPOSITION:-

C O N T E N T O F E L E M E N T S %							
C	Si	Mn	Cr	CU	NI	P	S
				M A X I M U M			
0.35-0.42	0.17-0.37	0.50-0.80	0.80-1.10	0.25	0.30	0.025	0.025

MECHANICAL PROPERTIES:-

- ULTIMATE RUPTURE STRENGTH Kgf/mm² (MIN) = 95.
- YIELD POINT Kgf/mm² (MIN) = 80.
- % RELATIVE ELONGATION (MIN) = 12.
- RELATIVE REDUCTION IN AREA % (MIN) = 50.

(A) REPAIR SIZE DIMENSIONS ARE ADDED WHERE INDICATED THUS (C), BASED ON OVERHAUL SPECIFICATIONS PART III REPAIR DRAWINGS.

Sl.No.	R	REMARKS
1.	MB X 1.25 to	ALL OTHER CONDITIONS
2.	P.C.D = 7.188 ^{+0.152} _{+0.082}	AS PER STD. DRG.

(C) Alt. Material: STEEL 709M40 (EN-19) TO BS-970 Pt-1-1983

CF 3338-403-2
CF 306-01-20
CF 306-02-20

USED ON:- (B)
Cb 3327-03-6-01
Cb 3338-403-2
CB 3338-404-7
CB 3327-03-6
Cb 306-01-20
Cb 306-02-20

KVD 63590

COMMON TO V-92S2 ENGINE