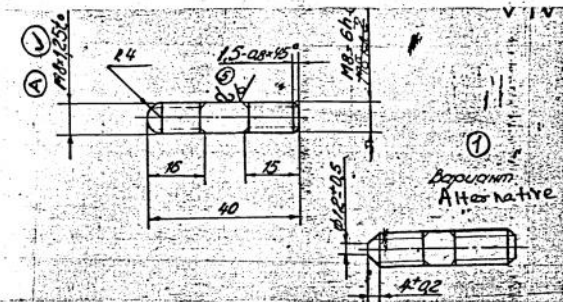


DRAWING NUMBER
350-32-2



1. Technical requirements for threads as per standard 82021-00.
 2. Dimensions with unspecified tolerances and the rest of the technical requirements as per standard 82052-00.
 3. Coating: cadmium, chromating as per 4311-104 with subsequent elimination of hydrogen embrittlement.
 4. The thread may be made by rolling with the diameter of unthreaded portion within the pitch diameter of thread.
 5. Mechanical damages of cadmium coating such as scratches, nicks and dents are allowed on assembly units, provided the steel is not exposed.
 6. Alternate material: steel grades 40 and 50.
Gost 1050-74.
- (A) 8. Repair size dimensions are added where indicated thus (C) based on overhaul specification part III repair drawings. **
- (B) 9. HARDNESS:- 27-32 HRC.

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

EST. WT. 0.015 kg. 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.

7. EXPLANATORY NOTE:-

Material QUOTED : ROUND BAR GOST 7417-75
45 GOST 1051-73

Alt Matl Quoted : 40 & 50 GOST 1050-74.

PERTAINS TO SIZED, COLD ROLLED OR COLD DRAWN STEEL WITH ROUND SECTION AS PER GOST 7417-75.

40, 45 & 50 ARE THE GRADES OF STEEL 1050-74.

a) CHEMICAL COMPOSITION : (AS PER GOST 1050-74).

GRADE OF STEEL	CONTENT OF ELEMENTS %								
	C	Si	Mn	Cr	P	Cu	S	Ni	
40	0.37-0.45	0.17-0.37	0.50-0.80						
				M	A	X	I	M	U
45	0.42-0.50	0.17-0.37	0.50-0.80	0.25	0.035	0.25	0.040	0.25	
50	0.47-0.55	0.17-0.37	0.50-0.80	0.25	0.035	0.25	0.040	0.25	

b) MECHANICAL PROPERTIES : (AS PER GOST 1050-74).

GRADE OF STEEL	TENSILE STRENGTH Kgf/mm ² (min)	YIELD POINT Kgf/mm ² (min)	% ELONGATION (MIN)	% REDUCTION IN AREA (min)	IMPACT STRENGTH Kgf/cm ² (min)
40	58	34	19	45	6
45	61	36	16	40	5
50	64	38	14	40	4

**

SL NO	R	REMARKS
1	M10 x 1.5 t.	ALL OTHER CONDITIONS AS PER STD DRGS.
2	PCD = 9.026 +0.170 0.095	

(B) * ALT. MATERIAL:- STEEL 709 M40 (EN-19) TO BS:- 970 PT.-I- 1983.

MATERIAL :- ROUND BAR GOST 7417-75 * 45 GOST 1051-73		USED ON :- CB 3301-15-30 CB 3301-15-44	
CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)			
A V A D I			
DIMENSIONS IN mm.		TOLERANCE ON DIMMS UNLESS OTHERWISE STATED IS 2102-69	
C 20-05-08 Authy: Third Alt. Comm. Minutes Point: 5 Dated 27-02-2009.		TITLE STUD M8 x 40	
B 13.01.08 AUTHY:- MIN. OF ALT.COM MEE POINT NO.- 2.12 Bt.- 07-02-07		D S CAT NUMBER	
A 9-9-95 REPAIR SIZE DIMMS ADDED		DRAWING NUMBER 350-32-2	
ISSUE	DATE	NATURE OF AMENDMENTS	

KVD 63595 COMMON TO V-92S2 ENGINE

A-11
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