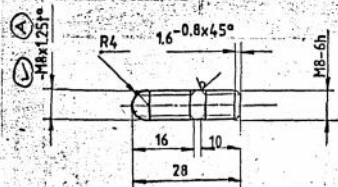


KVD 63598
COMMON TO V-92S2 ENGINE



2. TECHNICAL REQUIREMENTS FOR THREADS AS PER STANDARD 82021-00
 3. DIMENSIONS WITH UNSPECIFIED TOLERANCE AND THE REST OF THE TECHNICAL REQUIREMENTS AS PER STANDARD 82052-00
 4. COATING:- CADMIUM 3, CHROMATIZING AS PER UJM-104 WITH SUBSEQUENT ELIMINATION OF HYDROGEN EMBRITTLMENT.
 5. THE THREAD MAY BE MADE BY ROLLING WITH THE DIAMETER OF UNTHREADED PORTION WITHIN THE PITH DIAMETER OF THREAD.
 6. MECHANICAL DAMAGES OF CADMIUM COATING SUCH AS SCRATCHES, NICKS AND DENTS ARE ALLOWED ON ASSEMBLY UNITS, PROVIDED THE STEEL IS NOT EXPOSED
 7. ALTERNATE MATERIAL: STEEL, GRADES 40 AND 50 GOST 1050-74.
 9. REPAIR SIZE DIMENSIONS ARE ADDED WHERE INDICATED
- (A) THIS BASED ON OVERHAUL SPECIFICATION PART III REPAIR DRAWINGS. **
- (B) 10. HARDNESS:- 27-32 HRC.

8. EXPLANATORY NOTE:-

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

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

PARTIANS 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 M					0.25	0.25
				0.25	0.035	0.25	0.040	0.25		
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	M TO x1.5 t ₀	ALL OTHER CONDITIONS AS PER STD DRGS.
2	PCD 9.026 +0.170 +0.095	

(B) (X) ALT. MATERIAL :- STEEL 709 M40 (EN-19) TO BS: 970 PT-1-1983.

DRN	<i>Cherney</i>	MATERIAL :- round bar	USED ON Cb 3301-15-44
CHD	<i>Cherney</i>	GOST 7417-75	Cb 3320-331
TCO	<i>Cherney</i>	45 GOST 1051-73	CB 308-04-13 (C)
APPO	<i>Cherney</i>	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)	
DATE	19-6-89	A V A O I	
SCALE	1:1	DIMENSIONS IN mm	
D	20-5-09	Authy: Third Alt. Comm. Minutes Point: 5 Dated 27-02-2009.	TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS 2702-69
C	25-08-08	USED ON NUMBERS ADDED	ALL THREADS TO CONFORM TO
B	22.01.08	AUTHY:- MIN. OF ALT. COM. MEET. POINT No-2.12 D1-07-02-07.	D S CAT NUMBER
A	6-10-85	REPAIR SIZE DIMNS ADDED	DRAWING NUMBER
ISSUE	DATE	NATURE OF AMENDMENTS	350-42

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

EST. WT.
0.01 kg.

TO BE STAMPED OR MARKED WHERE INDICATED THIS # LETTERS)

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