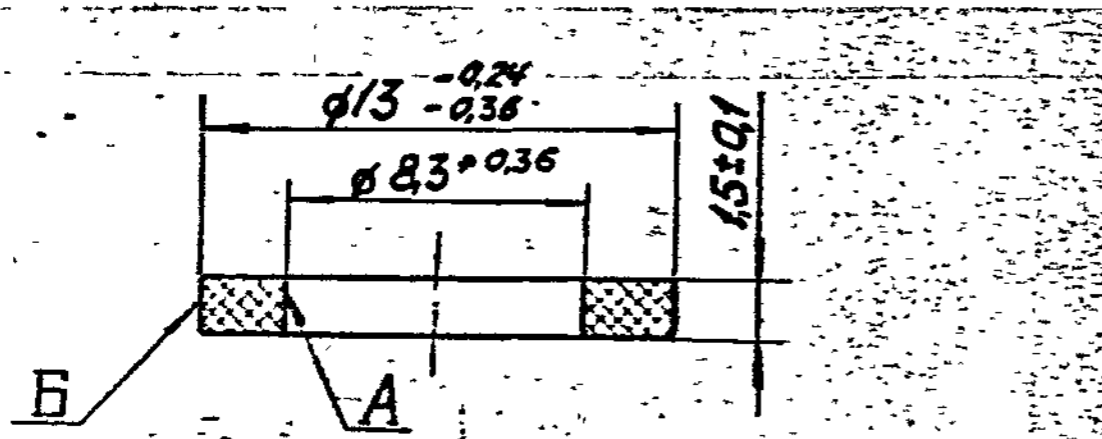


327-126A



1. SUBJECT THE PART TO HEAT-TREATMENT IN COMPLIANCE WITH INSTRUCTIONS U-150-131/68.
2. RADIAL RUN-OUT OF SURFACE A WITH RESPECT TO THE AXIS OF SURFACE B SHOULD NOT EXCEED 0.2MM.
3. CARRY OUT ACCEPTANCE AS PER STANDARD.
4. STAMP FINAL ACCEPTANCE AND MARK DATE OF MANUFACTURE OF BATCH OF PARTS ON THE LABEL.
5. OTHER TECHNICAL REQUIREMENTS AND ACCEPTANCE ARE AS PER OCT 4 Γ 0.005. 0.51

EXPLANATORY NOTE -

- 6 MATERIAL QUOTED - POLYAMIDE A6 - 210 / 311 - 14 OST 6-06-C9-76
- 1 APPEARANCE AND COLOUR
CRUMB (GRANULE) FROM WHITE TO LIGHT YELLOW COLOUR OR COLOURED SPOT INCLUSION OF OXIDES PARTICLES ARE ALLOWED NOT MORE THAN 18 FOR 100 g OF POLYAMIDE
- 2 SIZE OF CRUMBS (GRANULE)
DIAMETER = 2,0 - 4,0
LENGTH = 1,0 - 5,0
- 3 MOISTURE CONTENT % = 0,2 (MAX)
- 4 RELATIVE VISCOSITY = 2,4 (MIN)
- 5 % CONTENT OF EXTRACTABLE SUBSTANCES = 1,5 (MAX)
- 6 % CONTENT OF UN-CHOPPED CRUMBS (GRANULE'S) = 0,5 (MAX) FOR A LENGTH UP TO 20mm
- 7 MELTING TEMPERATURE = 215°C (MIN)

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

EST WT TO BE STAMPED OR MARKED WHERE INDICATED THIS = (LETTERS)

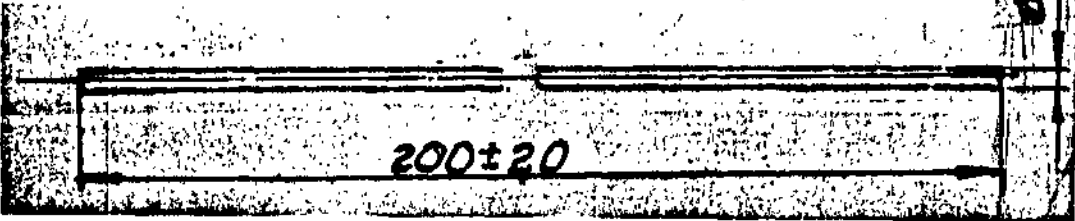
ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUT SIDE AS BE EQUIVALENT CHAMFERS ARE PERMISSIBLE

DATE	24-4-87	MATERIAL -	POLYAMIDE A6-210 / 311-14	USED ON	CS 327-00-45
SCALE	5:1	OST	6-06-C9-76		CS 327-10-52
ISSUE	1				CS 20-27-00-4
CONTROL			RATE OF QUALITY ASSURANCE, HEAVY VEHICLES, AVAC		
DIMENSIONS		TITLE		GASKET (1.5 mm)	
TOLERANCE ON DIMS UNLESS OTHERWISE STATED IS 0.025		D S CAT NUMBER		DRAWING NUMBER	
CONFORM TO				327-126A	
ISSUE DATE / NATURE OF AMENDMENTS					



DRAWING NUMBER
327-140

016



EXPLANATORY NOTE :-

1. MATERIAL QUOTED : LOW CARBON QUALITY WIRE TO GRADE
KO 1.6 GOST 792-67.

KO = GRADE GALVANISED COATING.

1.6 = DIAMETER OF WIRE.

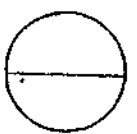
WIRE IS MADE FROM LOW CARBON ROLLED STEEL WIRE AS
PER GOST 1050-74.

a) MECHANICAL PROPERTIES :

TENSILE STRENGTH = 37 Kgf/mm² (min)

No OF BENDS TO 180° = 13 (min)

No OF TWISTS TO 360° = 20 (min)



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

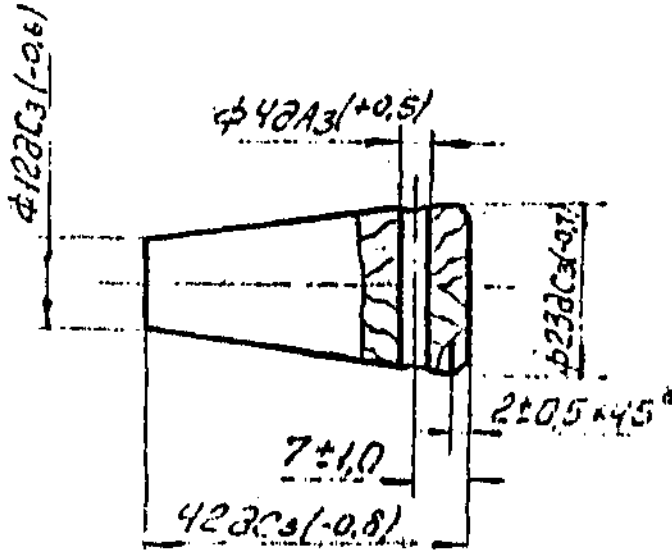
KVD No. - 63482

		EST. WT. 0.0023 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 OUT- SIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.			
		MATERIAL :- WIRE KO 1.6 GOST 792-67.		USED ON CB 20-27-00-4	
ISSUE	DATE	NATURE OF AMENDMENTS			
DRN	<i>Grady</i>	SCALE :- 1:1		CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI.	
CHD	<i>Grady</i>	DIMENSIONS IN mm			
TCD	<i>Grady</i>	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE STATED IS 2102 -69		TITLE LOCKING WIRE	
APPD	<i>Grady</i>	ALL THREADS CONFORM TO		D S CAT NUMBER	
DATE	04-05-87			DRAWING NUMBER 327-140	
SIZE A4					



340-05-1

Rz800 (✓)

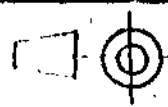


1. TIMBER MOISTURE CONTENT SHOULD NOT EXCEED 18%.
2. PLUG SHOULD BE BOILED IN MINERAL OIL.
3. CRACKS, UNDERCUTS AND CHIPPINGS ARE NOT ALLOWED ON THE COMPONENT SURFACE.

A-14
12

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

		EST. WT. 0.005 Kg	TO BE STAMPED OR MARKED WHERE INDICATED THUS \neq (LETTERS)
		ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUTSIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.	
		MATERIAL:- FINE WOOD	USED ON C6 20-27-00-4
ISSUE	DATE	NATURE OF AMENDMENTS	
ORN	22/	SCALE:- 1:1 DIMENSIONS IN mm	
CHD		TOLERANCE ON DIMENSIONS UNLESS OTHERWISE STATED IS 2102 -69	
TCD		ALL THREADS CONFORM TO	
APPD		D S CAT NUMBER	
DATE	15-2-89.	DRAWING NUMBER 340-05-1	
SIZE	A4		

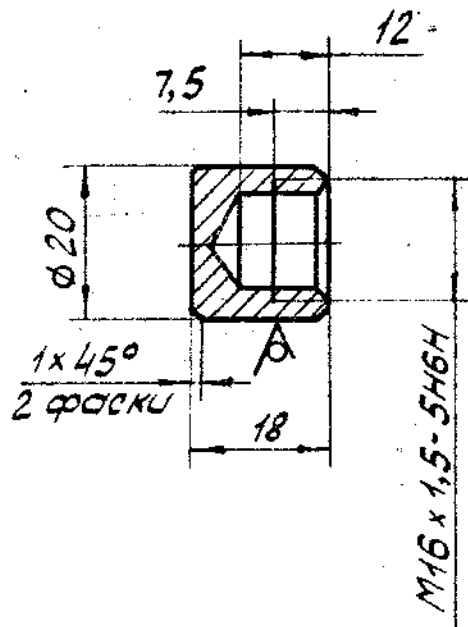


TITLE
PLUG



340-55

Rz80



1. Неуказанные предельные отклонения размеров: отверстий - по А₇, валов - по В₇, остальных - по СМ₇.

2. Заменитель материала: сталь марки 20 ГОСТ 1050-74.

3. Покрытие Хим. Окс. прм.

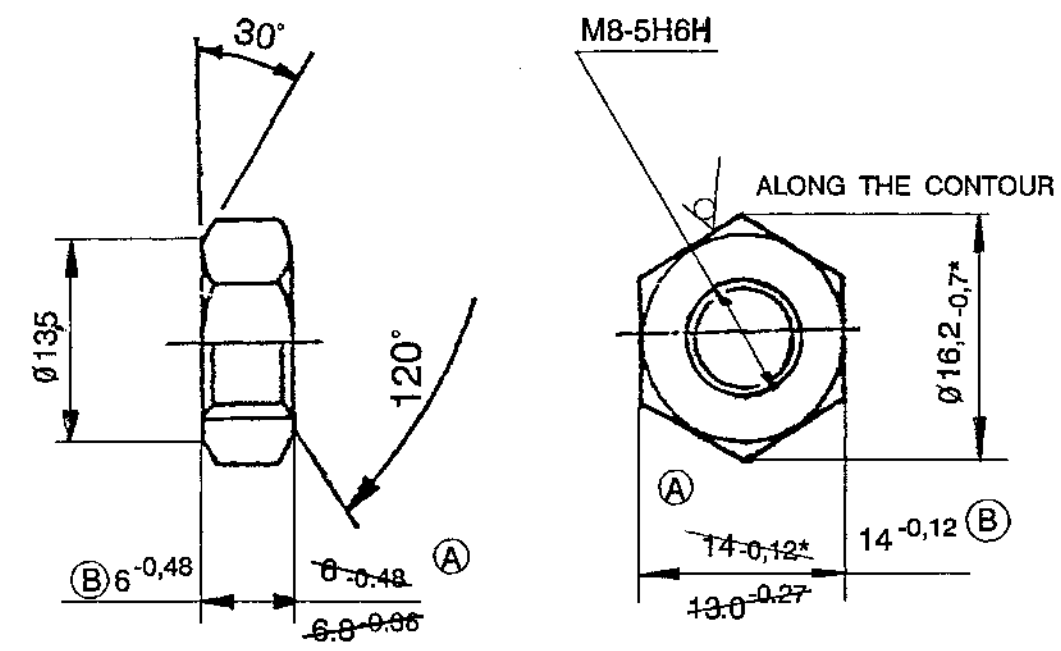
MASTER COPY

инв. № подл.	подл. и дата	взам. инв. №	инв. № дудл.	подл. и дата	340-55	Колпачок	Листов	Масштаб	Масса
74.396	Общ 14.10.81						5	1:1	0,022
							Листов 1		
							45 ГОСТ 1050-74		
							(75)		



COMMON TO V-92S2 & UTD-20 ENGINES
DRG. INDIANISED BASED ON RUSSIAN ORIGINAL ISSUE - N/IL
JTO (D)
(B. JAYAVELU)

DRAWING NUMBER
351 - 02



EXPLANATORY NOTE :

7. MATERIAL QUOTED :- HEXAGON BAR $\frac{14-4 \text{ GOST } 8560-78}{45-5 \text{ GOST } 1051-73}$

BRIGHT STEEL OF HEXAGONAL CROSS SECTION 14mm ACROSS FLAT, ACCURACY CLASS - 4 TO GOST 8560-78. AND MANUFACTURED FROM COLD DRAWN SIZED STEEL OF GROUP B SURFACE QUALITY TO GOST 1051-73.
ALTERNATE MATERIAL QUOTED - STEEL GRADE 40 & 50 TO GOST 1050-74.

CHEMICAL COMPOSITION :

STEEL GRADE	C O N T E N T O F E L E M E N T S %							
	C	Si	Mn	Cr(max)	S	P	H	Cu
40	0.37-0.45	0.17-0.37	0.50-0.80	0.25	0.040	0.035	0.10	0.15
45	0.42-0.50	0.17-0.37	0.50-0.80	0.25	0.040	0.035	0.10	0.15
50	0.47-0.55	0.17-0.37	0.50-0.80	0.25	0.040	0.035	0.10	0.15

MECHANICAL PROPERTIES :

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

- ROLLED STOCK OF GROUP B CLASS 4 GOST 1051-73 MAY BE USED TO ENSURE HIGH QUALITY OF COATING, IT IS ALLOWED TO ELIMINATE SURFACE DEFECTS OF ROLLED STOCK WITH DECREASE OF DIMENSIONS AS PER ACCURACY CLASS 5.
- ALTERNATE MATERIAL :- STEEL GRADES 40 AND 50 GOST 1050 - 74.
- THE REST OF THE TECHNICAL REQUIREMENTS AS PER STANDARD 82052 - 00.
- COATING :- Cd 3, CHROMATIZING AS PER UJL-104 WITH ELIMINATION OF HYDROGEN EMBRITTLEMENT.
- *DIMENSIONS FOR REFERENCE.

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

CQA(HV)5.06.606E
CQA(HV)5.06.610E

USED ON:- **
Cb 406-12-44
Cb 406-13-44
Cb 20-27-00-4
Cb 20-15-663-4
Cb 3342-00-8cb
Cb 334-73-1
Cb 3334-02-3
Cb 327-145-10
Cb 327-145-15
Cb 315-663-21

DRN	Sd/=	MATERIAL :-
CHD	Sd/=	14-4 GOST 8560-78
TCD	Sd/=	45-5 GOST 1051-73
APPD	Sd/=	
DATE	08-05-86	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI
E	15.7.15	Pt. 11, 7 th Alt. Comm. Meeting Dt. 11.4.12
D	18.5.09	Authy: Third Alt. Comm. Minutes Point: 5 Dated 27-02-2009.
C	25.8.08	USED ON NUMBER ADDED
B	24-12-07	ALT. COMMITTEE MEETING MINUTES. POINT No. 2.18 Dt. 18-12-2007.
A	15-03-04	AUTHY. Lt. No.110094/IND-III /577, Dt. 19-02-04.
ISSUE	DATE	NATURE OF AMENDMENTS

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

EST. WT. 0,0055 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.

TITLE:-
NUT M8

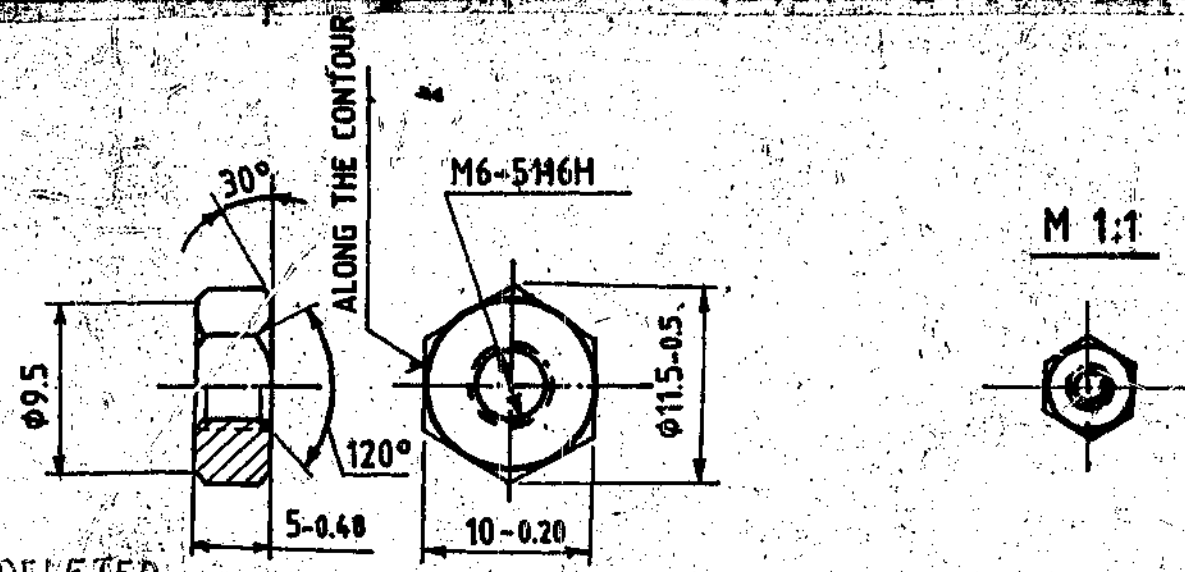
D S CAT NUMBER
DRAWING NUMBER
351 - 02

SIZE A3



DRAWING NUMBER
351-06

EXPLANATORY NOTE



1. } DELETED.
2. }

3. THE THREAD MAY BE CHECKED BEFORE COATING.

4. DELETED.

5. COATING: Cd9, CHROMATIZING, AS PER ULSJ-104 WITH ELIMINATION OF HYDROGEN EMBRITTLEMENT.

6. THE REST OF THE TECHNICAL REQUIREMENTS AS PER STANDARD 82052-00.

7. ALTERNATE MATERIAL: STEEL GRADES 40 AND 50 GOST 1050-74. ROLLED STOCK OF GROUP 'B' CLASS 4, GOST 1051-73 MAY BE USED.

8. TO ENSURE HIGH QUALITY OF COATING, IT IS ALLOWED TO ELIMINATE SURFACE DEFECTS OF ROLLED STOCK WITH DECREASE OF DIMENSION AS PER ACCURACY CLASS 5.

9. MATERIAL: STEEL 709 M40 (EN 19) TO BS: 970-PL-I-1983

6. REFERENCE MATERIAL QUOTED:

BRIGHT STEEL HEXAGON BAR 10 mm A/F CLASS OF ACCURACY 4 (+0.000) TO GOST 8560-78, FROM HIGH GRADE SIZED STEEL 45, SURFACE QUALITY B TO GOST 1051-73 AND MANUFACTURED IN ACCORDANCE WITH QUALITY CARBON STRUCTURAL STEEL GRADE 45 AND REFERENCE NOTE 6, ON ALTERNATE MATERIALS, STEEL GRADES 40 AND 50 TO GOST 1050-74.

a) CHEMICAL COMPOSITION AS PER GRADES 45, 40 & 50 TO GOST 1050-74.

GRADE OF STEEL	CONTENT OF ELEMENTS %						REMARKS
	C	Si	Mn	Cr	S	P	
45	0.42-0.50	0.17-0.37	0.50-0.80	0.25	0.040	0.035	Ref, Matl
40	0.37-0.45	0.17-0.37	0.50-0.80	0.25	0.040	0.035	Alt, Matl
50	0.47-0.55	0.17-0.37	0.50-0.80	0.25	0.040	0.035	Alt, Matl

RESIDUAL CONTENT OF COPPER AND NICKEL SHOULD NOT EXCEED 0.25% EACH

b) MECHANICAL PROPERTIES UNDER NORMALISED CONDITION:

GRADE OF STEEL	ULTIMATE TENSILE STRENGTH Kgf/mm ²	YIELD POINT Kgf/mm ²	ELONGATION %	REDUCTION IN AREA %	IMPACT STRENGTH Kgm/cm	HARDNESS BHN MAX	RE-MARKS
45	61	36	16	40	5	289	Ref, Matl
40	58	34	19	45	6	217	Alt, Matl
50	64	38	14	40	4	241	Alt, Matl

Cb 20-05-47-4, Cb 20-01-00-8, Cb 20-06-12-6, Cb 20-06-13-6, Cb 20-09-07, Cb 20-11-01-9, Cb 20-12-01-13, Cb 20-22-00-7, Cb 20-23-33-6, Cb 20-23-34-6, Cb 20-32-00-4, Cb 20-08-00-7

Cb 3301-00-37, Cb 406-12-44, Cb 406-13-44, Cb 3308-00-17, Cb 3320-00-33, Cb 407-7, Cb 401-10

Cb 3301-00-44, Cb 406-12-75, Cb 406-13-75, Cb 3308-00-23, Cb 3308-15-2, Cb 310-00-14, Cb 3320-00-43, Cb 315-606-12, Cb 327-00-73, Cb 315-777-2, Cb 3334-00-47, Cb 3335-00-9, Cb 337-100

① Cb 20-27-00-4, Cb 3338-00-16, Cb 3338-401-10, Cb 447-00-1, Cb 3338-404-7, Cb 3335-00-30

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

EST WT 0.0025 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 OUT-SIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE

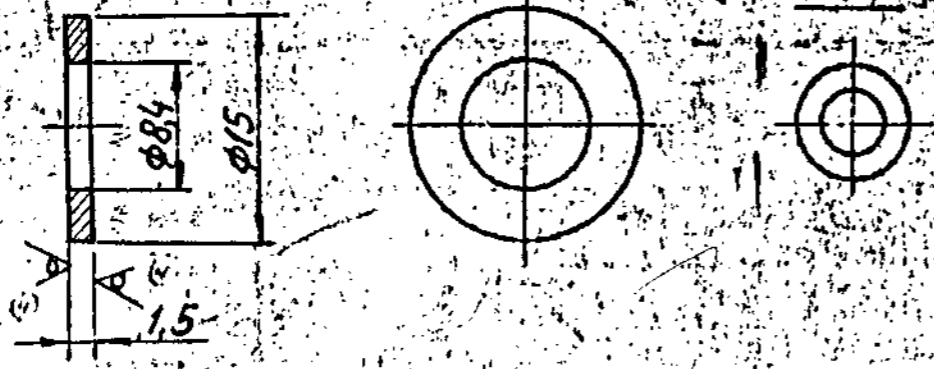
DRN	
CHD	
TCD	
APPD	
DATE	09-4-86
SCALE	2:1
DIMENSIONS IN mm	
TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS: 2102-69	
ALL THREADS TO CONFORM TO	
ISSUE	DATE
	NATURE OF AMENDMENTS

MATERIAL: HEXAGON BAR 10-4 GOST 8560-78 45-B GOST 1051-73	USED ON: Cb 3342-100-3 Cb 315-606 Cb 327-00-45 Cb 402-93-1
CONTROLLERATE OF INSPECTION (HEAVY VEHICLES) AVADI	
TITLE: NUT M6	
D S CAT NUMBER	DRAWING NUMBER 351 06

DRG. INDIANISED BASED ON RUSSIAN ORIGINAL ISSUE - NIL
 COMMON TO V-92S2 & UTD - 20 ENGINES
 KUC No. 7B016

353-05-1

V(V)



2. DIMENSIONS WITH UNSPECIFIED TOLERANCES AS PER STANDARD B2050-16
3. AFTER STAMPING THE COMPONENT SHOULD BE STRAIGHTENED BURRS ARE NOT ALLOWED
4. THE COMPONENT MAY BE MANUFACTURED FROM SHEET GOST 19904-74
6. COATING: CADMIUM 9, CHROMATIZING AS PER 1247-104 WITH ELIMINATION OF HYDROGEN EMBRITTLEMENT.
8. ALTERNATE MATERIAL: STEEL, GRADE 15, GOST 1050 74
9. REQUIRED FINISHING OF SURFACES BEING STAMPED SHOULD BE ENSURED BY TOOL

ⓑ EQUIVALENT MATERIAL
Gr. 0 IS 513-1994

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

COMMON TO V-92S2 & UTD-20 ENGINES

EXPLANATORY NOTE :-

10. MATERIAL QUOTED : STRIP 10-BH-2-15
GOST 503-81

ALTERNATE MATERIAL QUOTED : STEEL GRADE 15 TO GOST 1050-74.
STRIP = COLD ROLLED STRIP (LOW CARBON) WITH TRIMMED EDGES.

10 & 15 = GRADE OF STEEL.

B H = HIGHLY COLD WORKED.

2 = GROUP OF SURFACE QUALITY. 15 = THICKNESS.

a) CHEMICAL COMPOSITION :-

GRADE OF STEEL	C O N T E N T O F E L E M E N T S %							
	C	Si	Mn	Cr	P	S	Cu	Ni
10	0.07-0.14	0.17-0.37	0.35-0.65	0.15	0.035	0.040	0.25	0.25
15	0.12-0.19	0.17-0.37	0.35-0.65	0.15	0.035	0.040	0.25	0.25

b) MECHANICAL PROPERTIES :- TO GRADE 10 AS PER GOST 503-81

ULTIMATE TENSILE STRENGTH Kg/mm² (min) = 55

c) MECHANICAL PROPERTIES :- TO GRADE 15 AS PER GOST 1050-74.

TENSILE STRENGTH Kg/mm ²	YIELD POINT Kg/mm ²	ELONGATION %	REDUCTION IN AREA %	IMPACT STRENGTH Kg/cm ²
M I N I M U M				
38	23	27	55	-

UTD-20	V-46-6	V-92S2
Cb 20-01-00-8 Cb 20-13-01-8 Cb 20-15-663-4 Cb 20-22-00-7 Cb 20-27-00-4	Cb 3301-00-37, Cb 3305-03-15 Cb 406-12-44, Cb 406-13-44, Cb 3312-90-9, Cb 3338-401-10, Cb 3342-00-8, Cb 303-00-16, Cb 3301-15-30, Cb 3308-00-17, Cb 3334-00-27	Cb 3301-00-44, Cb 3301-15-44 Cb 3305-03-15, Cb 406-12-75, Cb 406-13-75, Cb 3308-15-2, Cb 3312-90-14, Cb 3321-00-26, Cb 3334-00-47, Cb 3336-00-11, Cb 340-16-22, Cb 345-00-4

EST WT	TO BE STAMPED OR MARKED WHERE INDICATED THIS # (LETTERS)
0.0015 kg	
ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUT SIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE	
18-03-15	Pl. 11 of 7th Alt. Comm. Meeting Dt. 11-4-12
19.5.10	6 th Alt. Comm. Meet. Minutes
25-8-08	Point No. 2. Dt: 26-10-09
ISSUE DATE	NATURE OF AMENDMENTS
DRW	SCALE : 2 : 1
CHO	DIMENSIONS IN mm
APD	TOLERANCE ON DIMNS UNLESS OTHERWISE STATED
DATE	ALL THREADS CONFORM TO
SIZE A6	

MATERIAL	USED ON
STRIP 10-BH-2-15	SEE TABLE **
GOST 503-81	CQA(HV)5.06.001E (C)
CONTROLLERATE OF INSPECTION (HEAVY VEHICLES) AVADI	
TITLE	WASHER BRIGHT 8
D S CAT NUMBER	DRAWING NUMBER
	353-05-1

** (A)



DRAWING NUMBER

353-11

5. REFERENCE MATERIAL QUOTED :

Rz80

EXPLANATORY NOTE :

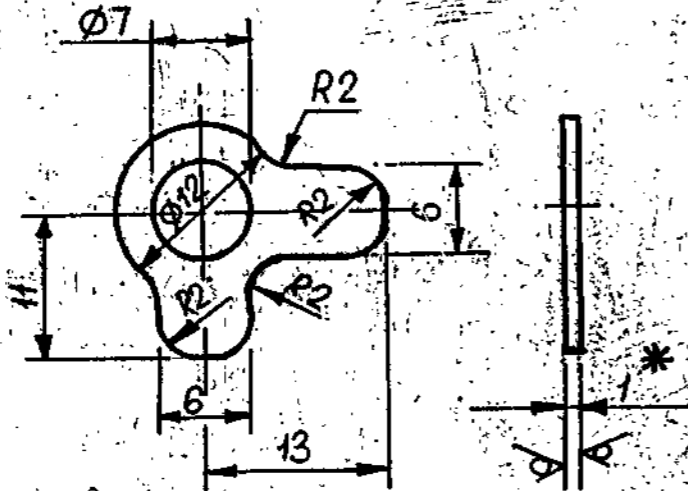
a) COLD ROLLED LOW CARBON STEEL TAPE OF STEEL GRADE - 08 ΠC (SEMI-KILLED), CONDITION OF MATERIAL - SOFT (M), WITH 2nd GROUP OF APPEARANCE AND SURFACE QUALITY (ROUGHNESS PARAMETER - Ra ≤ 1.25 MICRON) AND THICKNESS 1mm.

b) CHEMICAL COMPOSITION OF STEEL 08ΠC TO GOST 1050-74.

CARBON %	SILICON %	MANGANESE (MAX) %	CHROMIUM (max)	SULPHUR (max)	PHOSPHORUS (max)	COPPER (max)	NICKEL (max)
0.05-0.11	0.05-0.17	0.35-0.65	0.70	0.040	0.035	0.25	0.25

c) PHYSICAL PROPERTIES :-

- (i) ULTIMATE TENSILE STRENGTH - 32-45 Kgf/mm²
- (ii) RELATIVE ELONGATION - 17 % (min)



1. REQUIREMENTS PLACED UPON STAMPING ARE AS PER STANDARD 82050-16.
2. STRAIGHTEN AFTER STAMPING
3. COATING: ZINC-PLATED 9 MICRONS THICK, OILED, WITH REMOVAL OF HYDROZEN EMBRITTELEMENT.
4. * DIMENSION IS GIVEN FOR REFERENCE.

(B) EQUIVALENT MATERIAL
Gr. 0 IS: 513-1994

** (A) Cb 20-05-47-4, Cb 20-09-07
Cb 20-11-01-9, Cb 20-12-01-13,
Cb 3301-00-44, Cb 401-01,
Cb 315-662-16, Cb 315-777-2,
Cb 3301-00-37

COMMON TO V-92S2 & UTD-20 ENGINES

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

EST. WT. 0.0011 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 OUT SIDE INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.

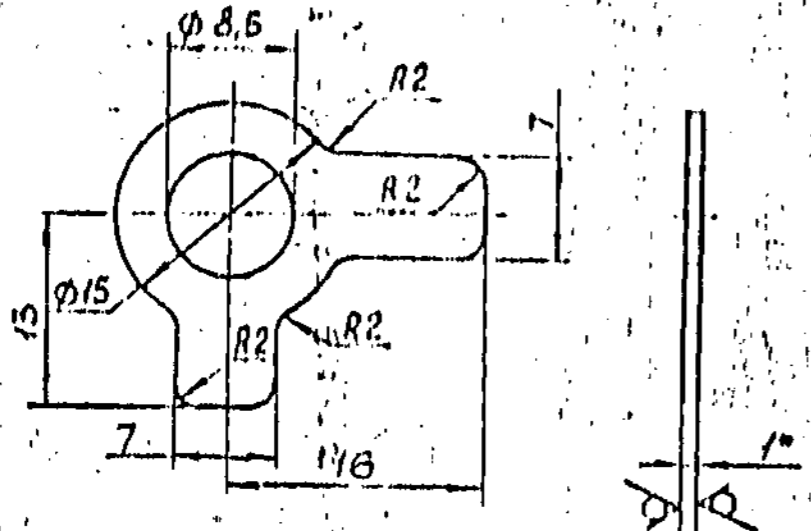
DRN	CHD	TCD	APPD	DATE	SCALE	DIMENSIONS IN mm	TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS:2102-69	MATERIAL:- STRIP 08nc - M - 2 - 1 GOST 503-81	USED ON: C6 3338-401-10 C6 20-27-00-4 **
				124-4-1987	- 2 : 1			CONTROLLERATE OF QUALITY ASSURANCE(HEAVY VEHICLES) AVADI	
								TITLE	LOCK WASHER 7
								D S CAT NUMBER	DRAWING NUMBER
									353-11
				ISSUE DATE	NATURE OF AMENDMENTS				

SIZE A3



EXPLANATORY NOTE :-

5. MATERIAL QUOTED : STRIP 080TC-M-2-1 GOST 503-81.
 COLD ROLLED LOW CARBON STEEL TYPE.
 080TC = GRADE OF STEEL , M = CONDITION OF MATERIAL-SOFT.
 2 = SECOND GROUP , 1 = THICKNESS IN mm.
 (a) CHEMICAL COMPOSITION : (AS PER GOST 1050-74)
 C = 0.05 - 0.11 , Si = 0.06 - 0.17 , Mn = 0.35 - 0.60
 Cr = 0.10 (max) , S = 0.040 (max) , P = 0.035 (max)
 Cu = 0.25 (max) , Ni = 0.25 (max).
 (b) MECHANICAL PROPERTIES : (AS PER GOST 503-81)
 ULTIMATE TENSILE STRENGTH Kgf/mm² = 32 - 45
 % RELATIVE ELONGATION = 17 (min)



1. REQUIREMENTS FOR STAMPING ARE AS PER STANDARD 82050-16.
2. STRAIGHTEN AFTER STAMPING.
3. COATING : ZINC-PLATED, 9 MICRONS THICK, OILED WITH REMOVAL OF HYDROGEN EMBRITTLEMENT.
4. * DIMENSION IS GIVEN FOR REFERENCE.

KVD No. 63629 COMMON TO V-92S2 & UTD-20 ENGINES

ⓑ EQUIVALENT MATERIAL
 Gr. O IS: 513-1994

- Ⓐ **
- | | |
|--------------------|----------------|
| Cb 3301-00-44 | Cb 3301-00-37 |
| Cb 413-115-9 | Cb 315-663-21 |
| Cb 315-663-33 | Cb 20-27-00-4 |
| Cb 3336-00-11 | Cb 20-09-07 |
| Cb 337-100 | Cb 20-11-00-6 |
| Cb 413-115-6 | Cb 20-01-00-8. |
| CQA(HV)5.06.001E Ⓒ | Cb 20-08-00-7 |
| | Eb 20-12-00-13 |

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

EST. WT. 0.0019 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 OUT SIDE INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.

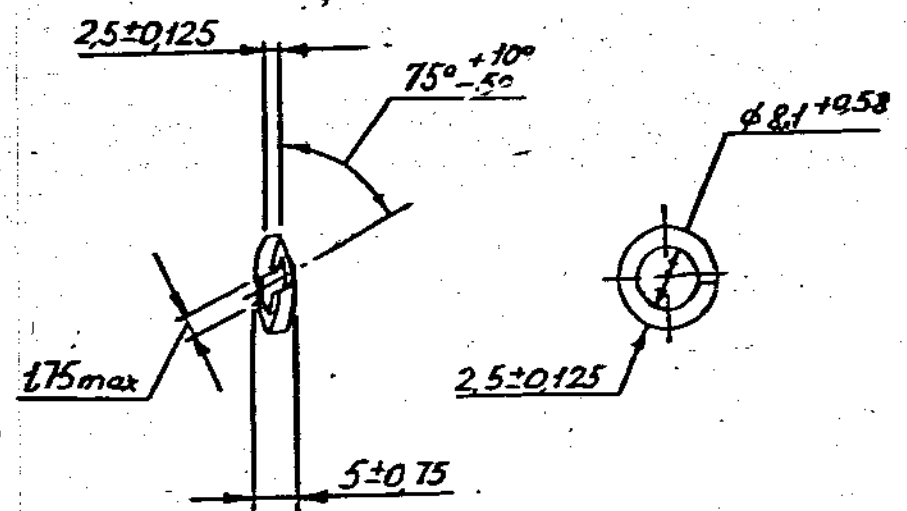
DRN	CHD	TCB	APPD	DATE	SCALE:- 2:1	MATERIAL:- STRIP 080TC-M-2-1 GOST 503-81	USED ON ** SEE ABOVE
				9-1-1990		CONTROL RATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI	
					DIMENSIONS IN mm TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS: 2102-69	TITLE LOCK WASHER 8	
					ALL THREADS TO CONFORM TO	D S CAT NUMBER	DRAWING NUMBER 353-16-1
					ISSUE DATE		
					NATURE OF AMENDMENTS		





COMMON TO V-92S2 & UTD-20 ENGINES

DRAWING NUMBER
353-24



2. COATING ; CADMIUM 9, CHROMATIZING, AS PER UZ A-104 WITH ELIMINATION OF HYDROGEN EMBRITTLEMENT.
3. WASHER 8T 65T 09 GOST 6402-70 MAY BE USED.

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

EXPLANATORY NOTE:

MATERIAL QUOTED: WASHER 8T, 65T, 06 GOST 6402-70.
ALT. MAT. QUOTED: WASHER 8T, 65T, 09 GOST 6402-70.
 CORRESPONDS DESIGN AND DIMENSIONS OF SPRING (LOCK) WASHERS.
 06 = CONVENTIONAL SYMBOL OF FINISH. (PARKERISING FOLLOWED BY OILING).
 09 = ZINC PLATING
 T = HEAVY ; 65T = GRADE OF STEEL AS PER GOST 1050-74. (65G)

CHEMICAL COMPOSITION: AS PER GOST 1050-74.

CONTENT OF ELEMENTS %							
C	Si	Mn	Cr	S	P	Cu	Ni
MAXIMUM							
0.62-0.70	0.17 - 0.37	0.90-1.20	0.25	0.040	0.035	0.25	0.25

WEIGHT OF STEEL WASHERS AND THEIR RESILIENCE PROPERTIES AS PER GOST 6402-70.

THEORETICAL WEIGHT OF 1000 STEEL WASHERS IN kg = 1.638
 ESTIMATED RESILIENCE OF WASHERS FROM STEEL GRADE 65G = 66.4 IN kg
 MECHANICAL PROPERTIES : AS PER GRADE 65G GOST 1050-74.
 YIELD POINT kgf/mm² (MIN) = 44
 ULTIMATE TENSILE STRENGTH (MIN) = 75 kgf/mm²
 ELONGATION % (MIN) = 9

(B) EQUIVALENT MATERIAL
 75 C6 TO IS:2507/EN42 J BS:970

(A-8)

		EST WT 1.630 Kg 1000 PIECES	TO BE STAMPED OR MARKED WHERE INDICATED THUS + (LETTERS)
D	15.7.15	Pt. 11, 7 th Alt. Comm. Meeting Dt. 11.4.12	ALL SHARP EDGES AND CORNERS TO BE REMOVED UNLESS OTHERWISE STATED MACHINED CORNERS TO HAVE R OUT SIDE R INSIDE EQUIVALENT CHAMFERS ARE PERMISSIBLE.
C	18-3-15	Pt. 11 of 7 th Alt. Comm. Meeting Dt. 11-4-12	
B	16.8.10	4 th Alt. Comm. Meeting Minutes Point No:12 Dt:26-10-09	MATERIAL 65T06 GOST 6402-70
A	28-8-08	USED ON NUMBER ADDED	USED ON Cb 334-00-8 Cb 303-00-16, Cb 406-12-44 Cb 345-00-4 Cb 334-73-1, Cb 3334-02-3 Cb 406-13-44 Cb 3301-00-37 Cb 447-00-1 Cb 3301-15-30, Cb 3308-00-17 VARIOUS ASSEMBLIES Cb 3312-90-9, Cb 3320-00-33 OF UTD-20 Cb 3321-00-16 Cb 20-01-00-8, Cb 20-01-08-7 Cb 3301-00-44, Cb 3301-15-44 Eb 20-06-12-6, Cb 20-06-13-6 Cb 406-12-75, Cb 406-13-75 Eb 20-13-01-8, Cb 20-19-00-1 Cb 3308-15-2, Cb 3312-00-22 Cb 20-20-00-10, Cb 20-22-00-7 Cb 3320-00-43, Cb 3321-00-26 Cb 20-63-00-5 CQA(HV)5.06.001E (C) Cb 3334-00-47, Eb 3334-02-10 CQA(HV)5.06.606E (D) Cb. 3336-00-11, Cb 3342-00-21 CQA(HV)5.06.610E
ISSUE DATE	NATURE OF AMENDMENTS		
DRN	SCALE : 1 : 1		CONTROLLERATE OF INSPECTION (HEAVY VEHICLES) AVADI
CHD	DIMENSIONS IN mm		
TD	TOLERANCE ON DIMNS UNLESS OTHERWISE STATED		TITLE WASHER 8 T
APPD	ALL THREADS CONFORM TO		D S CAT NUMBER
DATE			DRAWING NUMBER 353-24

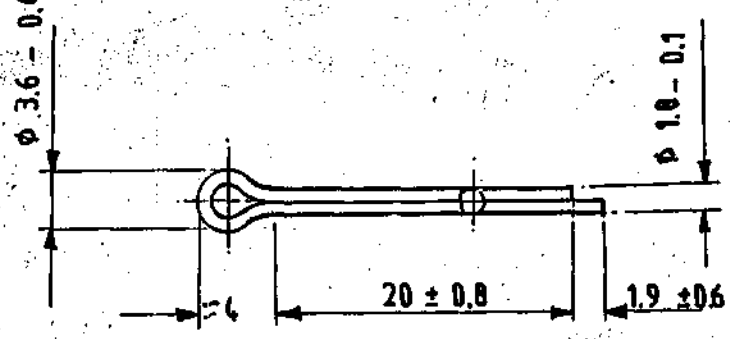
SIZE A6



DRAWING NUMBER
354-12 SHT 1 OF 2



F
E
D
C



SCALE 1:1

1. TO BE ANNEALED.
2. COATING CADMIUM 3. CHROMATIZING AS PER Udel-104 WITH ELIMINATION OF HYDROGEN ENBRITTEMENT.

(A) EQUIVALENT MATERIAL
IS: 549

**
Cb 20-01-00-8
Cb 20-15-663-4
Cb 20-27-00-4
Cb 20-34-12
CQA (HV) 5.06.001E (B)

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

			EST. WT 1000 PIECES 0.479 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	
B	18-03-15	Pt. 11 of 7th Alt. Comm. Meeting Dt. 11-4-12	MATERIAL	USED ON Cb 334-73-1
A	8-7-10	4th ALT. COMM. Mtg. MINUTES		Cb 315-662-3
		POINT No. 3 DT. 26-10-09		Cb 315-663-21
ISSUE	DATE	NATURE OF AMENDMENTS	** SEE ABOVE	
DRN		SCALE 2 : 1	CONTROLLERATE OF INSPECTION (HEAVY VEHICLES) AVADI	
CHD		DIMENSION IN mm		
TCD		TOLERANCE ON DIMNS UNLESS OTHERWISE STATED		TITLE COTTER PIN 2 X 20
APPD		ALL THREADS TO CONFORM TO	D S CAT NUMBER	DRAWING NUMBER 354-12 SHT 1 OF 2
DATE	1-5-82			

SIZE A4



DRAWING NUMBER
354-12 SHT 2 OF 2

ADDITIONAL REQUIREMENTS FOR COMPONENT NUMBERS:- 354-09, 354-09A, 354-12, 354-16, 354-15, 354-17, 354-18, 354-19, 354-28

1. SPLIT PIN MUST BE MANUFACTURED FROM LOW CARBON STEEL WITH MAXIMUM CARBON CONTENT 0.20% ON GOST 1050-74
2. BURRS, CRACKS, RUST ARE NOT ALLOWED ON THE SURFACE OF THE PIN & SHARP CUT ON THE BENDED HEAD ARE ALSO NOT ALLOWED.
3. PINS OF DIAMETER UPTO 5mm MUST WITHSTAND 3 BENDS WITHOUT ANY SIGN OF BREAKING.

(A) EQUIVALENT MATERIAL
IS: 549

* *
Cb 20-01-00 8
Cb 20-15-663-4
Cb 20-27-00-4
Cb 20-34-12
(B) CQA (HV) 5.06.001E

(A-11)

		EST. WT	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	
B	19-03-15	Pl. 11 of 7th Alt. Comm. Meeting Dt. 11-4-12	MATERIAL USED ON ** SEE ABOVE Cb 315-663-3 Cb 315-663-27 Cb 334-73-1
A	8-7-10	4 th ALT. COMM. MEET. MINUTES	
		POINT No 3 DT. 26-10-09	
ISSUE	DATE	NATURE OF AMENDMENTS	
DRN		SCALE	CONTROLLERATE OF INSPECTION (HEAVY VEHICLES) AVADI
CHD		DIMENSIONS IN mm	TITLE COTTER PIN 2x20
TCD		TOLERANCE ON DIMNS UNLESS OTHERWISE STATED	
APPD		ALL THREAD CONFORM TO	D.S CAT NUMBER
DATE	11-5-06		DRAWING NUMBER 354-12 SHT 2 OF 2
SIZE A4			

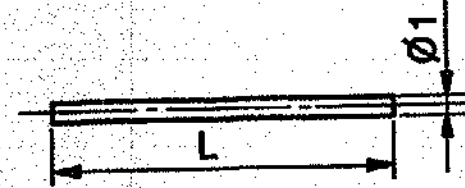


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Vertical text on the bottom left side of the page, possibly a page number or title, rendered in a high-contrast, black and white style.

DRAWING NUMBER
354-22

(N SARAVANAN)
SSOH
Dt: 21 Aug 2019



KVD No.	L mm	LIMIT DEVIATIONS mm	USED ON
	50	± 1.5	
78705	60	± 1.5	Cb 3338-401-10, Cb 530-200
78706	80	± 2	Cb 3334-00-39, Cb 327-00-45 Cb 327-00-47-01 Cb 327-00-73
78707	100	± 2	Cb 3338-00-16 Cb 327-00-73 Cb 327-00-45 , Cb 3335-00-24, Cb 3342-00-8Cb
78708 (B) (C)	120	± 2	Cb 419-00-4, Cb 310-00-7, Cb 20-22-00-7 Cb 322-00-4Cb
78709	150	± 2	Cb 327-00-47-01 Cb 327-00-73 Cb 327-00-45 , Cb 3335-00-24 Cb 3334-00-27
78710	200	± 2	Cb 327-00-45 , Cb 3334-00-27 Cb 327-00-47-01 Cb 327-00-73
78711	260	± 3	Cb 3334-00-27, Cb 20-29-00-8
(A)	300	± 3	Cb 3338-407-4, Cb 3329-00-13
78712	350	± 3	
78713	420	± 3	Cb 411-00-41
78714	500	± 3	Cb 327-00-45 Cb 327-00-47-01
	600	± 3.5	
	800	± 5	

ADDITIONAL REQUIREMENTS

FOR MANUFACTURE OF LOCK WIRE AS PER DRAWING 354-22

1. THE WIRE SHOULD BE PROVIDED WITH ZINC COATING. DIAMETER OF WIRE AFTER COATING SHOULD BE $1^{+0.06}_{-0.03}$ mm.
2. OVALITY OF WIRE SHOULD NOT EXCEED HALF OF THE TOLERANCE ON DIAMETER.
3. THE WIRE SHOULD BE MANUFACTURED FROM LOW CARBON ROLLED STEEL AS PER GOST 1050-74.
4. ULTIMATE RUPTURE STRENGTH OF ZINC PLATED WIRE SHOULD NOT BE LESS THAN 3.7 MPa (37 Kg/mm²).
5. THE WIRE SHOULD WITHSTAND NOT LESS THAN 7 BENDINGS THROUGH 100° AND NOT LESS THAN 25 TWISTINGS THROUGH 360°
6. THE SURFACE OF WIRE SHOULD NOT HAVE BLOW HOLES, CRACKS, MARKS, BACK FIN, OXIDE SPOTS, BURRS AND RUST THERE SHOULD NOT BE ANY UNCOATED AREAS ON THE WIRE.
7. ON WIRE FRACTURE, THERE SHOULD NOT BE ANY CRACKS, BACK FIN, FISSURES, BLISTERS, AND SHRINKAGE CAVITIES.
8. WIRE ZINC COATING SHOULD BE BOUND TO THE STEEL WHEN WOUND ON CYLINDER WITH DIAMETER EQUAL TO WIRE FIVE FOLD DIAMETER, THE WIRE SHOULD NOT HAVE ANY PEELINGS AND FISSURINGS OF ZINC COATING.

EXPLANATORY NOTE :-

REFERENCE MATERIAL QUOTED :- LOW CARBON STEEL TO GOST 1050-74.

CHEMICAL COMPOSITION %

GRADE	C	Si	Mn	Cr	P	S	Cu	Ni
				MAXIMUM				
15	0.12 - 0.19	0.17 - 0.37	0.35 - 0.65	0.25	0.035	0.040	0.25	0.25

MECHANICAL PROPERTIES

1. ULTIMATE TENSILE STRENGTH Kg/mm² (min) = 38
2. YIELD POINT Kg/mm² (min) = 23
3. PERCENTAGE ELONGATION % (min) = 27
4. REDUCTION IN AREA % (min) = 55
5. HARDNESS BHN (MAX) = 149

DRG. RE - INDIANISED BASED ON RUSSIAN ORIGINAL ISSUE - NIL.
COMMON TO V46-6, V92S2 & UTD-20 ENGINES

(D) ** ITEM USED IN VARIOUS LENGTHS ON VARIOUS ASSEMBLIES OF V46-6, V92-S2 & UTD-20 ENGINE.

(E) EQUIVALENT MATERIAL IS: 549.

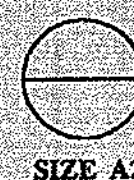
COA(HV)5.06.607E (F)
Cb 20-06-00-2

PILOT SAMPLE SHOULD BE APPROVED BEFORE BULK PRODUCTION.

EST. WT. 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	DRN	Sd/=	MATERIAL:-	USED ON:- Cb 20-35-00-5 Cb 3338-402-4Cb SEE TABLE **
G	08.08.19	USED ON NUMBER ADDED.	CHD	Sd/=	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES) AVADI	TITLE:- LOCK WIRE
F	15.7.15	Pt.11 of 7th Alt. Comm. Meeting Dt.11.4.12	APPD	Sd/=		
E	08.7.10	4 th Alt. Comm. Meeting Minutes. Point No.3 Dt. 26.10.09	DATE	18.03.86		
D	28.8.08	USED ON NUMBER ADDED.	SCALE:-		D S CAT NUMBER	DRAWING NUMBER 354-22
C	30.8.01	AUTHY 90211/AHSP/ED dt. 27.3.01	DIMENSIONS IN mm			
B	15.1.02	AUTHY Lt.No. 110026 / IND-III / 509 dt. 12.1.02.	TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS : 2102 - 69			
A	15.2.88	AUTHY NOTN No. BK 81-406	ALL THREADS TO CONFORM TO			



SIZE A2



10/10/2010

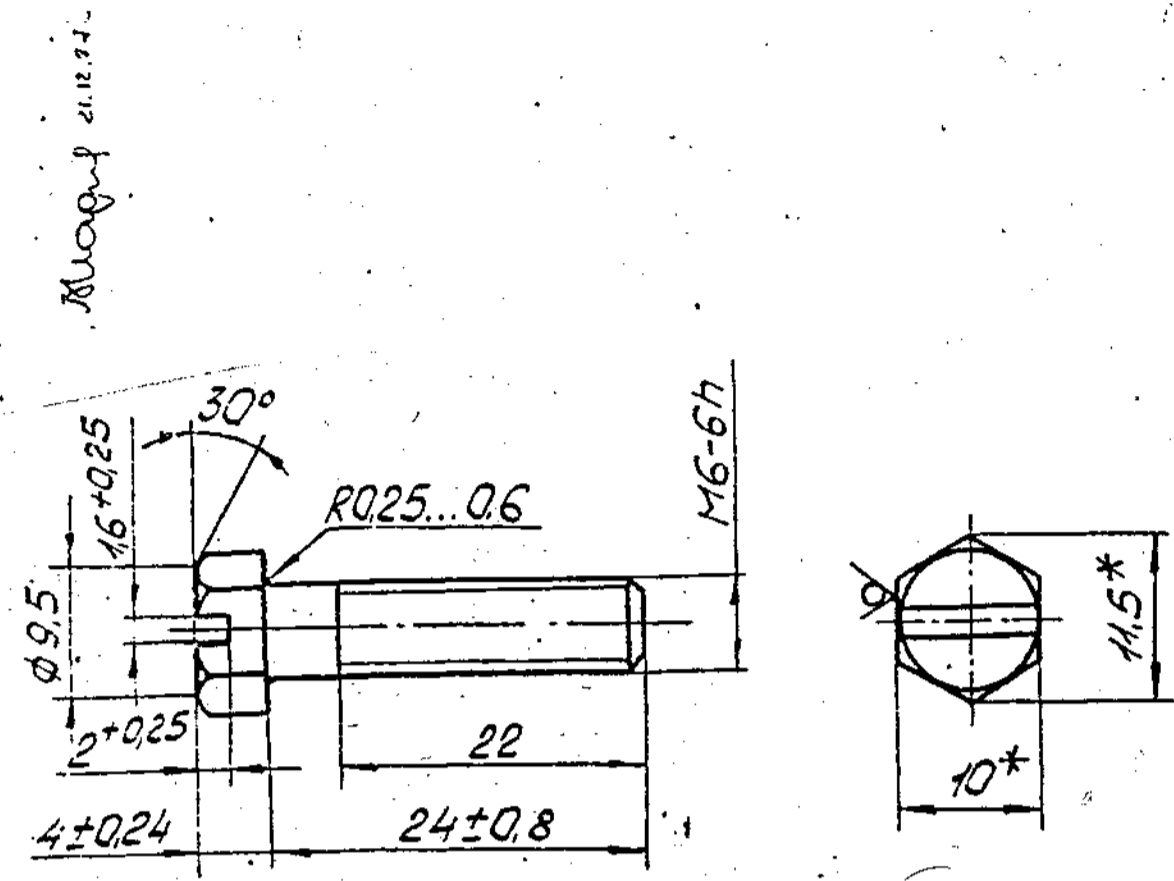
10/10/2010

10/10/2010

DRAWING NUMBER

522-125

Rz 80/ (✓)



I

1. При прорезке паза под отвертку допускается след. радиуса от срезы не менее R25.
2. Допускается изготовление резьбы накаткой с диаметром ненарезанной части болта в пределах среднего диаметра резьбы.
3. Неуказанные предельные отклонения механически обрабатываемых размеров: отверстий - по А7; болтов - по В7; остальных - по СМ7.

Покрытие: Ц9. хр. с удалением водородной хрупкости.

- I.
1. When cutting a slot for a screwdriver a mill radius trace of R 25 min. is allowable.
 2. It is allowed to make a thread by rolling with a diameter of non-cutted bolt portion in the limits of an average thread diameter.
 3. Non-indicated limit deviations of mechanically treated dimensions: holes - by A7; shafts - by B7; the rest - by CM7.
 4. Coating: Ц9. хр. with removal of hydrogen embrittlement.

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

EST. WT. 0,007 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.

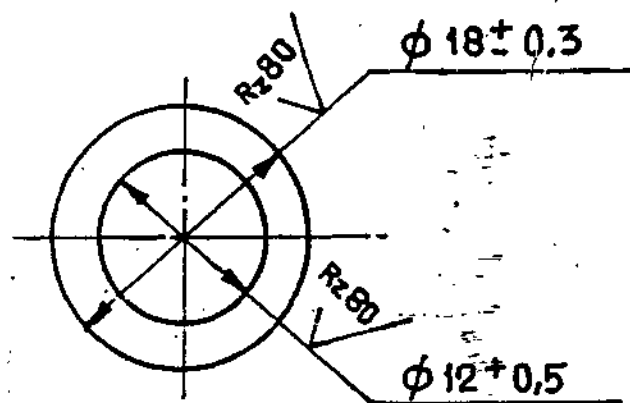
DRM	Edwards	MATERIAL -	USED ON -
CHD		10-h11 GOST 8560-78	С6 20-27-00-4
TCO	S. [Signature]	45-5-7 GOST 1050-74	
APPD		CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)	
DATE	16.12.93	A V A D I	
SCALE	2:1	TITLE	
DIMENSIONS IN mm		BOLT	
TOLERANCE ON DIMS UNLESS OTHERWISE STATED IS 2102-69		D S CAT NUMBER	
ALL THREADS TO CONFORM TO		DRAWING NUMBER	
ISSUE	DATE	NATURE OF AMENDMENTS	
		522-125	



DRAWING NUMBER

529-31

✓(✓)



1. Requirements placed upon stamping

are as per standard 820 50-16.

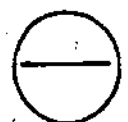
2. Alternate material is sheet AA 1H-2
GOST 21631-76 which should be
annealed later.

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

EST. WT. TO BE STAMPED OR MARKED WHERE
0.0004 kg. INDICATED THIS \equiv I \equiv LETTERS

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

		DRN	<i>[Signature]</i>	MATERIAL:- AA 1M-2	USED ON CB 20-23-00-10
		CHKD	<i>[Signature]</i>	GOST 21631-76	CB 20-29-00-8
		TCD	<i>[Signature]</i>		
		APPD	<i>[Signature]</i>		
		DATE	17-12-86	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)	
		SCALE:-	2:1	AVADI	
		DIMENSIONS IN mm		TITLE WASHER	
		TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS: 2102-69			
		ALL THREADS TO CONFORM TO		D S CAT NUMBER	DRAWING NUMBER 529-31
		ISSUE DATE			
		NATURE OF AMENDMENTS			



SIZE A3

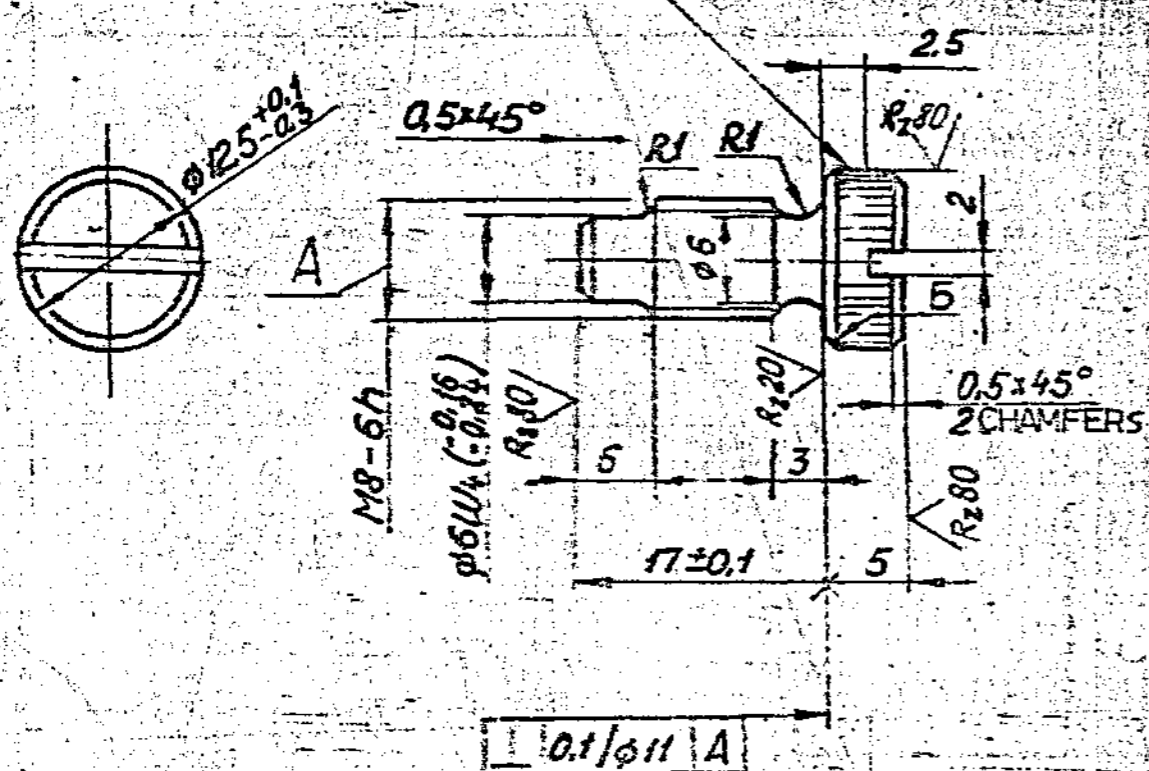


DRAWING NUMBER

3327-84

Rz40/√1

STRAIGHT KNURLING 10 GOST 2474-75



1. INSPECTION GROUP III AS PER TECHNICAL REQUIREMENTS TT-11.
2. CYANIDE TO A DEPTH OF 0.1 TO 0.2mm.
3. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE AS FOLLOWS FOR HOLES AS PER A₇, OTHERS AS PER CM₇.
4. CHAMFER 'B' MAY NOT BE MADE.
5. COATING: CADMIUM-PLATED, 9 MICRONS THICK, OILED, WITH REMOVAL OF HYDROGEN EMBRITTLEMENT. CHECK DIMENSIONS BEFORE APPLYING COATING. THREADS AND INTERNAL SURFACES MAY HAVE NO COATING.

EXPLANATORY NOTE :

MATERIAL QUOTED : OPEN HEARTH STEEL 10 GOST 1050-74.

a) CHEMICAL COMPOSITION :

GRADE	CONTENT OF ELEMENTS %							
	C	Si	Mn	Cr	P	S	Cu	Ni
	M A X I M U M							
10	0.07-0.14	0.17-0.37	0.35-0.65	0.15	0.035	0.040	0.25	0.25

b) MECHANICAL PROPERTIES :

GRADE	TENSILE STRENGTH	YIELD POINT	ELONGATION	REDUCTION		
	Kgf/mm ²	Kgf/mm ²	%	IN AREA %		
	m	i	n	i	m	u
10	34	21	31	55		

Ⓐ ALTERNATE MATERIAL: STEEL O80 M40(EN8) TO BS: 970
Pt-1-1983 OR 45 C8 TO IS: 1570

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

EST WT 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

		DRN	<i>[Signature]</i>	MATERIAL :-	USED ON :-
		CHD	<i>[Signature]</i>	10 GOST 1050-74	CS 23-27-00-4
		TCD	<i>[Signature]</i>	CONTROLLERATE OF INSPECTION (HEAVY VEHICLES) AVADI	
		APPD	<i>[Signature]</i>		
		DATE	07-05-87		
		SCALE :-	2 : 1	TITLE LOCK SCREW	
		DIMENSIONS IN MM			
		TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS: 2102-69			
		ALL THREADS TO CONFORM TO		D S CAT NUMBER	DRAWING NUMBER
		A 13-8-09 3 rd ALTERATION COMM. MINUTES POINT B, DATE 27.2.09			3327-84
ISSUE	DATE	NATURE OF AMENDMENTS			



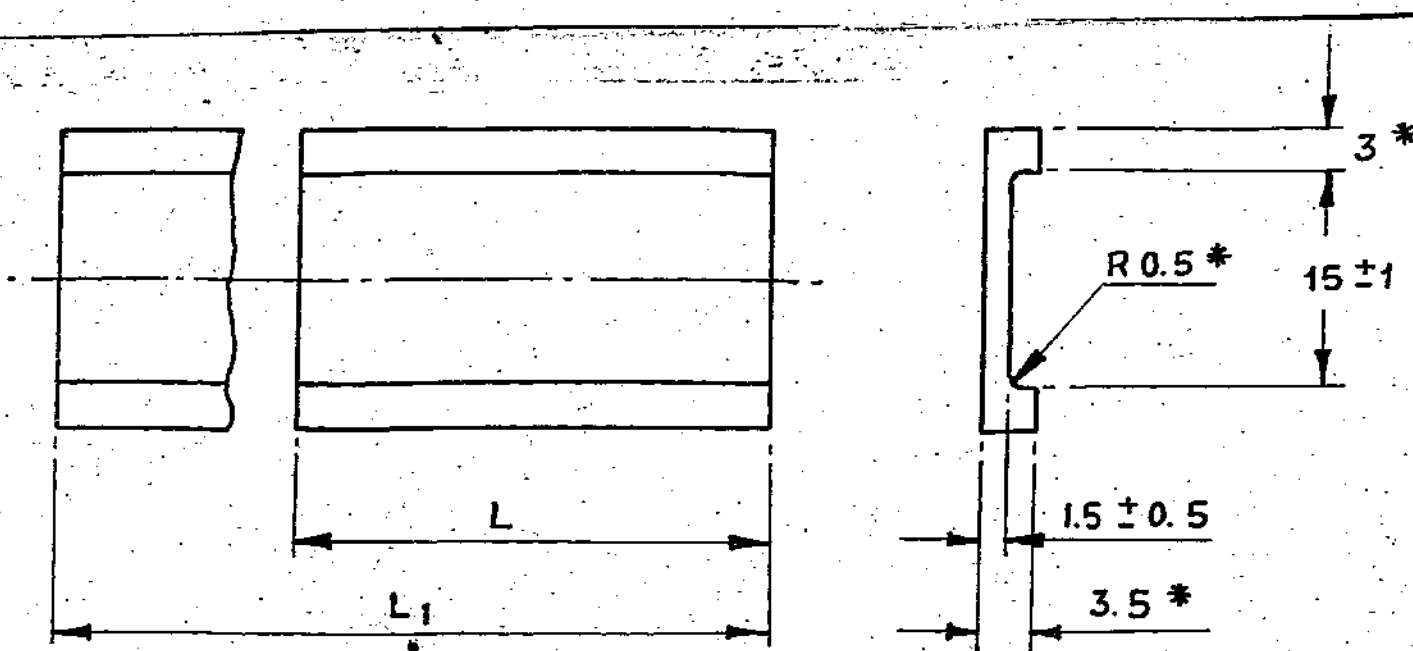
THE
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OF THE
AMERICAN
SOCIETY
OF
MUSIC

Volume 10, No. 1
January 1978

THE
MAGAZINE
OF THE
AMERICAN
SOCIETY
OF
MUSIC

Volume 10, No. 1
January 1978

DRAWING NUMBER
3335-38-3 TO
3335-38-6



PART No.	L MM	MASS Kg.	USED ON	KVD No.
3335-38-3	26±1	0.002		
3335-38-4	31±2	0.0024	C5 3335-00-2430	78315
3335-38-5	42±2	0.0032	C5 3335-00-2430	78435
3335-38-6	55±0.2	0.0042		

- DIMENSIONS ARE TO BE ENSURED WITH TOOL.
- LENGTH OF DELIVERED BAND L₁ SHOULD NOT BE LESS THAN 1000 mm.
- MARK "3335-38-3" SHOULD BE PUT ON TAG OF COMPONENT TO BE DELIVERED.
- TO BE MADE AS PER TT III H 100 GOST 15152-69.
- THE REST OF THE REQUIREMENTS AS PER TY 005 216-75.

*20-27.0004

3335-38-3

EXPLANATORY NOTE :-

6. REFERENCE MATERIAL QUOTED :
UNVULCANISED OIL AND PETROL RESISTANT
RUBBER CODE OF CLASSIFIER 25-1231,
RUBBER GRADE HO-68-1 TO TY 005-216-75.

3. MECHANICAL PARAMETERS :

- RUPTURE STRENGTH Kg/cm² ----- 90 Min
 - ELONGATION OF RUPTURE % ----- 250 Min
 - RESIDUAL ELONGATION AFTER RUPTURE % ----- 12 Max
 - HARDNESS No HP TO TI P DEVICE ARBITRARY ----- 55-70
7. LIKELY EQUIVALENT GRADE / SPECIFICATION FOR
NITRILE CHLOROPRENE BASE TO BA 60 BS 2751-82
AND C 60 BS 2752-82.

EXPLANATORY ADDED ON 4-6-92

Ⓐ ALT MATL.: RUBBER GRADE BNC TO SPECN. CQA(HV)/NBR+CR

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

EST. WT. _____ 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 OUT - SIDE R INSIDE. EQUIVALENT CHAMFERS ARE PERMISSIBLE.

DRN	---	MATERIAL -	RUBBER HO-68-1	USED ON	---
CHD	---		TY 005 216-75		
TCO	---	CONTROLLERATE OF QUALITY ASSURANCE (HEAVY VEHICLES)			
APPD	---	A V A D I			
DATE	8-7-86	TITLE : GASKET			
SCALE	2:1	D.S CAT NUMBER			
DIMENSIONS IN mm		DRAWING NUMBER			
TOLERANCE ON DIMNS UNLESS OTHERWISE STATED IS 2102-69		3335-38-3 TO			
ALL THREADS TO CONFORM TO		3335-38-6			
A	27.05.08	Lt. No. TC/GEN/IND-III Df.. 02.04.08		NATURE OF AMENDMENTS	
ISSUE	DATE				

A-9
A-Z

