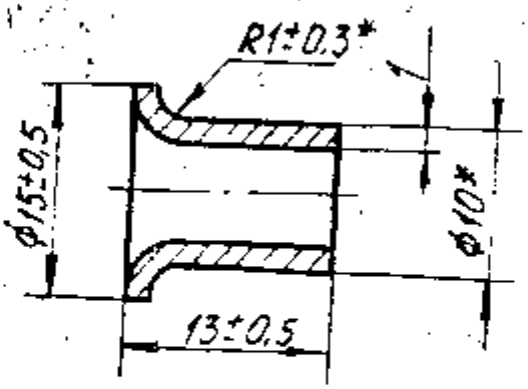
2209-08-172 [redacted] ~ All over



1. Coating: Zinc-plated, 12 microns thick, chromatized. Remove hydrogen embrittlement.
2. Reduction in material thickness is allowed upto 0.5 mm.
3. Piston may be made of sheet 10 GOST 1050-74.
4. * Dimensions are given for reference.

Ⓐ EQ.MATL:- SEAMLESS STEEL TUBE CDS-3 COLD DRAWN IS: 3074. OR STEEL STRIP GRADE 'D' IS: 4030-73.

LV2/RCV 3120-003170

NEAREST EQVT MATERIAL			
PIPE 10 X1 ГОСТ 8734-75 B10 ГОСТ 8733-74	00769 -ICV 27-3-2000	Ⓐ	EQ. MATERIAL ADDED.
ORGL MATERIAL	DC(I)No & DATE	ISSUE	AMENDMENTS

ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF.	ALL THREADS TO CONFORM TO SPECIFICATION.	STAMP OR ETCH, PART NO. MANUFACTURER'S NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED		
SCALE:- 2:1	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON:-
DATE :- 17-08-1995		
DRN. [redacted] WT :-(Kg) 0,003	PISTON	
TCD.		
CHD. [redacted]	DRAWING NO 241-80-6075	PART NO
APD. [redacted]		

CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)

B A

4 3 2 1

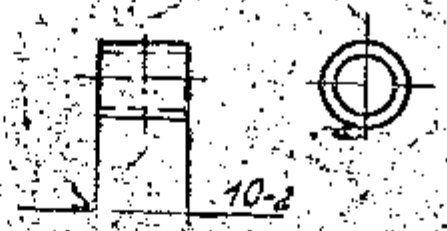
272-43-20

TECHNICAL CONDITIONS

1. Alternate material is textolite with mark B4 GOST 2910-74.
2. * Dimensions are given for reference.

APPROVED	M VASU	272-43-20		
CHECKED	H.M.Shaikh			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		WASHER	WEIGHT: 0,004	SCALE: 1:1
			SHT:	SHTS
		TEXTOLITE A-20 GOST 2910-74		

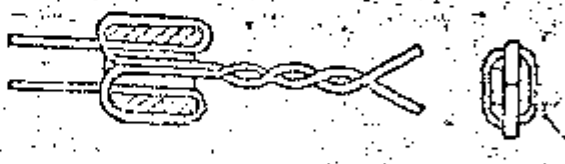
315-141-2



1. Seal may be made from tube Φ6x1.
2. Seals should be annealed.
3. Seals may be made from waste of tubes of main production.
4. Diameter ovality of upto 2 mm is allowed.

(A) EQ.MATERIAL÷GRADE÷COPPER TUBE IS:2501

SEALING SKETCH



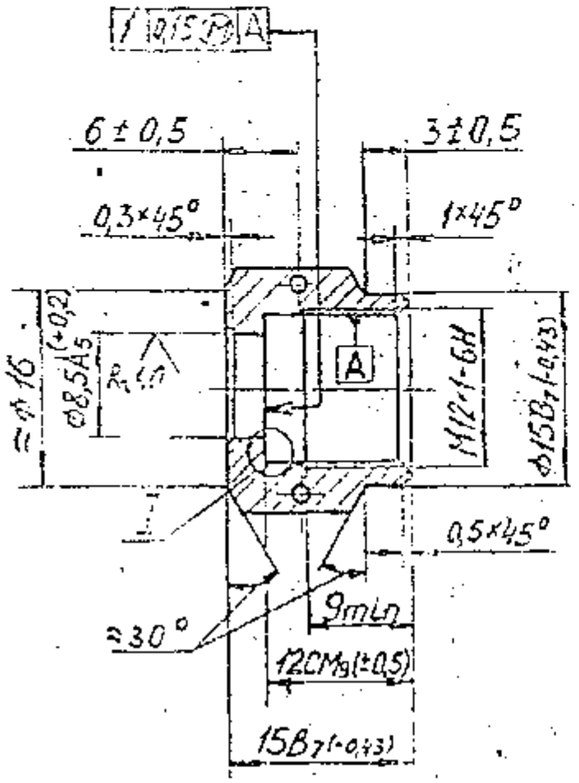
PLACE OF STAMP

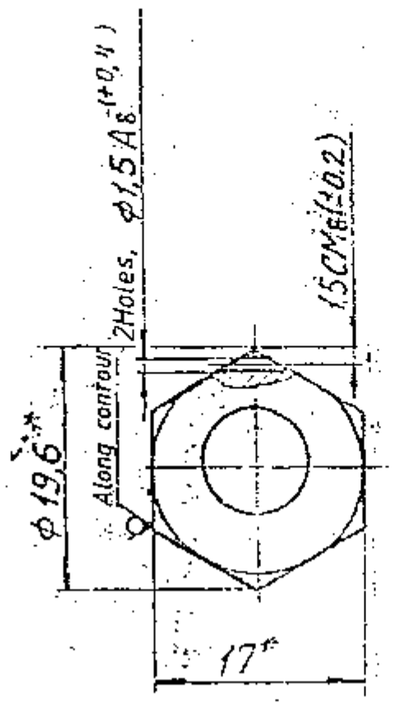
DCN/No. DATE	ISSUE	NATURE OF AMENDMENTS
00882-FCV 31-5-01	(A)	EQ. MATERIAL ADDED.

APPROVED	H VASU	315-141-2	168g332
CHECKED			
CONTROLLERATE OF INSPECTION (IC V)		SEAL	WEIGHT 0,0024 SCALE 1:1 SHT SHTS
		TUBE M2T 8X1 GOST 617-72	88

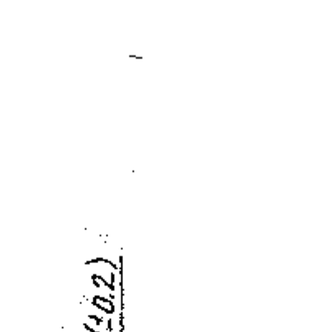
672-30-22

Rz 80 (V)

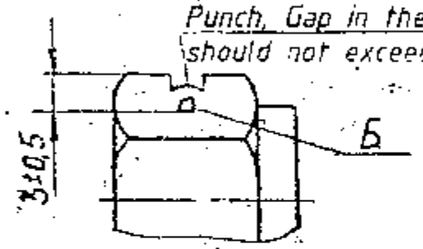




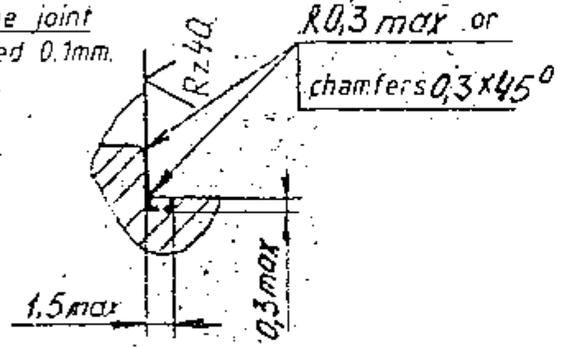
1 Alternate.

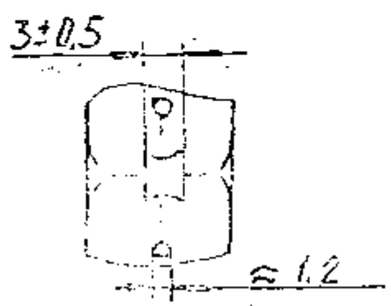


2 Alternate.



I
M5:1





1). Alternate material is hexagonal rod 17.5 GOST 8560-78 / 20-B GOST 1051-73.

2). It is allowed to manufacture as per thick dot-and-dash line.

3). Coating: Zinc-plated, 9 microns thick, oiled, Remove hydrogen embrittlement. internal surface coating may not be checked.

4). Rod not less than φ1mm in diameter should pass through hole B.

5). * Reference dimensions.

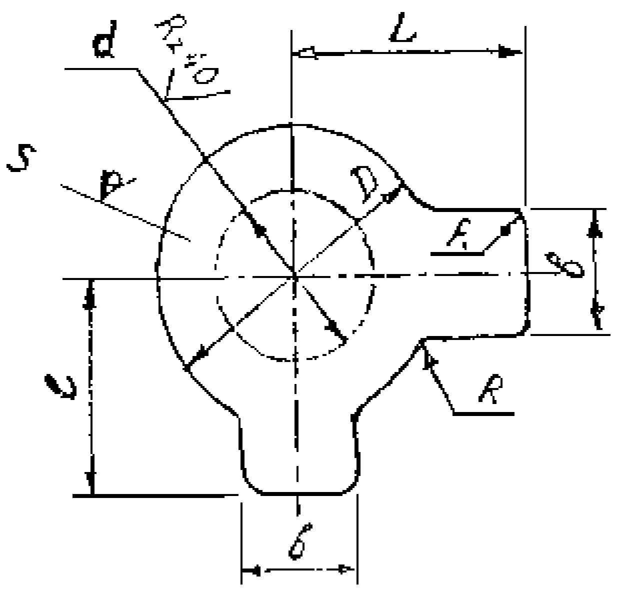
Ⓐ EQ. MATERIAL :- CARBON STEEL C50, C45, C20, C25 Mn 75, C.30 TO IS: 1570.

00769-ICV N Rama 27-03-2000	Ⓐ	EQ. MATERIAL ADDED.
DCN No. DATE	ISSUE	NATURE OF AMENDMENT

APPROVED	H VASU	672-30-22	
CHECKED			
CONTROLLERATE OF INSPECTION (IC VI)		COUPLING NUT	WEIGHT 0,011 / SCALE 2:1
		Hexgonal rod 17-5 GOST 8560-78 / 45-B GOST 1051-79	SHT SHTS 2

672-31-71

Rz 320



1. Alternate material is steel 08кп 10кп GOST 1050-74.
2. Unspecified limit deviations are ±0.5 mm
3. Misalignment of circumfarence D with respect to hole d and asymmetry of tabs with respect to axis of hole d should be 1mm.
4. Coating: Zinc-plated, 9 microns thick, chromatized Remove hydrogen embrittlement.

(A) ALTERNATE MATERIAL - STEEL Gde Fe 330 TO IS:1079-88

(B) EQ.MATERIAL - COLD ROLLED STEEL SHEET GRADE D/DD TO IS: 4030-74

(C) EQ.MATERIAL - STEEL GRADE -'D' TO IS 513-86 FOR 672-31-71-02 AND 672-31-71-03.

Designation	d, MM	D, MM	L, MM	l, MM	B, MM	S, MM	R, MM	Mass in Kg
672-31-71	$6.4^{+0,36}$	14	15	10	6	1	2	0.002
-01	$8.4^{+0,36}$		18	12	7			0,002
-02	$10.5^{+0,43}$	18	20	14	8			0,002
-03	$13^{+0,43}$	22	25	20	10	1,5		0,005

Document	Issue	Amendments
00882-ICV 31-5-01	(C)	EQ.MATERIAL ADDED.
00769-ICV 29-03-200	(B)	EQ.MATERIAL ADDED
00561-ICV 14-5-96	(A)	ALTERNATE MATERIAL ADDED (1/96 N of A)

ORGL MATERIAL: COLD ROLLED STEEL SHEET Gde 'D' TO SPEC. IS: 4030-75.

NEAREST EQVT MATERIAL: STEEL 10 GOST 1050-74

ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF.

ALL THREADS TO CONFORM TO SPECIFICATION

STAMP OR ETCH, PART NO, MANUFACTURER'S NAME & YEAR OF MFG.

DRG. NOT TO BE SCALED

SCALE:- —

TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

DATE :- 9-5-80

DRN.
TCD
CHD.
APD.

SEE TABLE

672-31-71

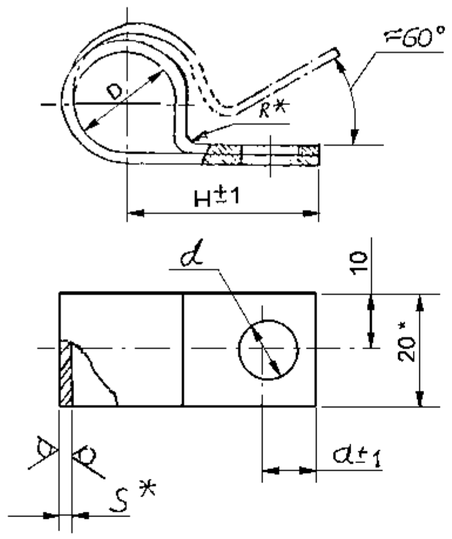
TAB WASHER

CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)

NOTE:-
1. ALL DIMENSIONS IN mm
2. PILOT SAMPLE SHOULD BE GOT APPROVED FROM AHSP
3. ASSY DRG. NEAREST EQVT. MATERIAL GIVEN IN RESPECTIVE COMPONENT DRGS.
4. OTHER TECH. CONDITIONS AS PER ORIGINAL DRG.

KVD NO. 103679

672-54-9



DESIGNATION	WIRE DIA mm	D, mm	d, mm	H, mm	α, mm	S,* mm	R, mm	MASS, Kgs.
672-54-9	4	3,5	7			0,5		0,0074
-01			9					
-02	6	5,5	7			0,8		0,008
-03						0,5		0,003
-04			9					
Ⓒ Ⓔ -05	8	7,5	7			0,8		0,008
-06			9					
-07			7	25	8	0,5		0,005
-08			9					
-09	10	9,5	7			0,8		0,008
-10			9					
-11			7			0,5	2	0,005
-12	12	11,5	7			0,8		0,009
-13			9					
-14			7			0,5		0,007
Ⓒ -15	15	14	7			0,8		0,016
Ⓓ DS CAT PART No. LV2/ICVs 5340-017034 -16			9	41	11			
-17			13					0,014
-18						1,5		0,026
-19	18	17	7			0,8		0,010
-20			9					
-21	20	19	7	30	8			0,011
-22	24	23						0,013
Ⓓ DS CAT PART No. LV2/ICVs 5340-017033 -23	27	26					4	0,015
Ⓓ DS CAT PART No. LV2/ICVs 5340-017032 -24	30	29		35				0,017
-25	32	31		40				0,018
-26	36	35						0,019
-27	42	41		45				0,023

TECHNICAL CONDITIONS

1. Substitute for material- steel 08kn, 10kn, 10, GOST 1050-74
2. Unspecified limit deviations of sizes +_ 0.5 mm.
3. *Sizes are given for reference.
4. Coating: Zinc plated 9 microns thick chromotized. Remove hydrogen embrittlement.

Ⓐ 5. EQ. MATERIAL:- Gde 'D' To IS: 513-86.

Ⓑ EQ. MATERIAL:- Cold rolled steel strip Gr 'D' or 'DD' To IS: 4030-74.

Ⓒ EQ. MATERIAL:- Cold rolled steel strip Grade 'D' killed steel To IS:- 4030-73 For 672-54-9-05 and 672-54-9-15.

Ⓔ EQ. MATERIAL:- Gde 'D' To IS: 513-94 (For 672-54-9-05).

THE ABBRIVATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

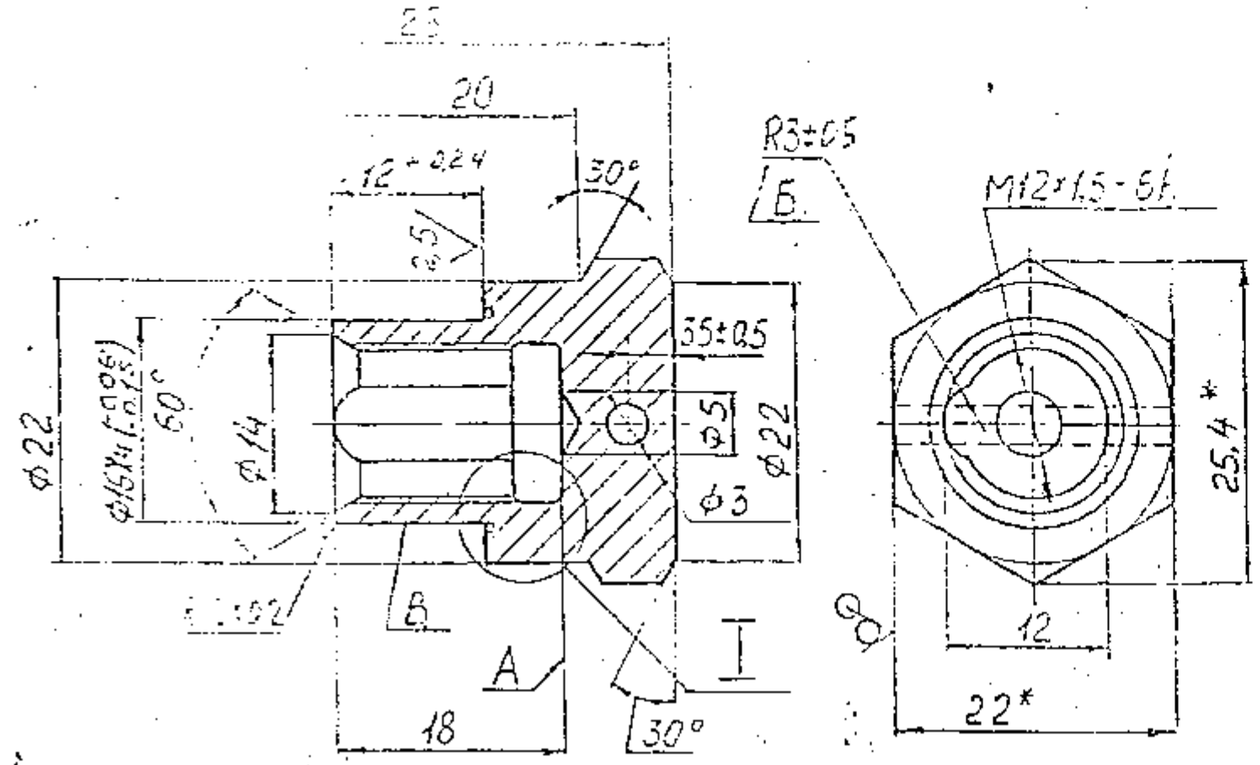
ALL DIMENSIONS ARE IN mm.

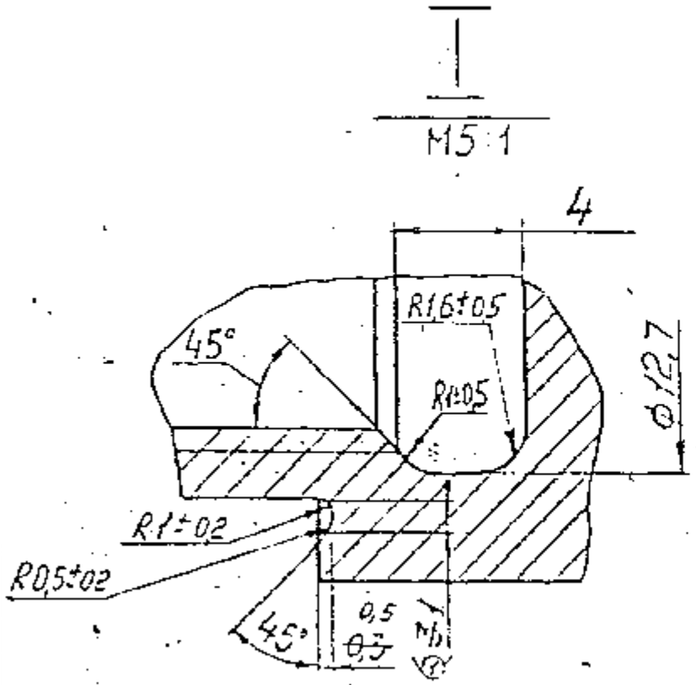
DC(I)No. & DATE	ISSUE	AMENDMENTS
01005-ICV 24-10-05	Ⓔ	EQ. MATERIAL ADDED.
01002-ICV 06-08-05	Ⓓ	DS CAT PART No. ADDED.
00818-ICV 11-10-2000	Ⓒ	EQ. MATERIAL ADDED.
00717-ICV 12-9-99	Ⓑ	EQ. MATERIAL ADDED.
0063-ICV 01-6-98	Ⓐ	Gde 'D' TO IS: 513-86 ADDED AS EQ. MATERIAL.

NEAREST EQ. MATERIAL		
BAND 10-M-HT-2-S, GOST 503-81		
ORGL MATERIAL:-		
ALL SHARF EDGES & CORNERS TO BE ROUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART No. MANUFACTURER's NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON: 675-05-Sb2
SCALE:		
DATE : 27-2-91		
DRN.	WT :- (Kg) SEE TABLE	672-54-9
TCD.		
CHD		CLAMP
APPD		

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

672-57-2





1). Alternate material is steel 40, 50, GOST 1050-74.

2). Unspecified limit deviations of dimensions are for holes - as per A_7, for shafts - as per B_7, others - as per CM_8. For angular dimensions ±30'.

3). Coating: Zinc-plated, 9 microns thick, chromatized. Remove hydrogen embrittlement. Internal surface need not be checked.

4). Step not exceeding 0.5 mm is allowed on butt-end A.

5). Step not exceeding by 0.2 mm is allowed on surface B over length 0.8mm.

6). Position of slot 6 with respect to hexahedron is arbitrary.

7). * Dimensions are given for reference.

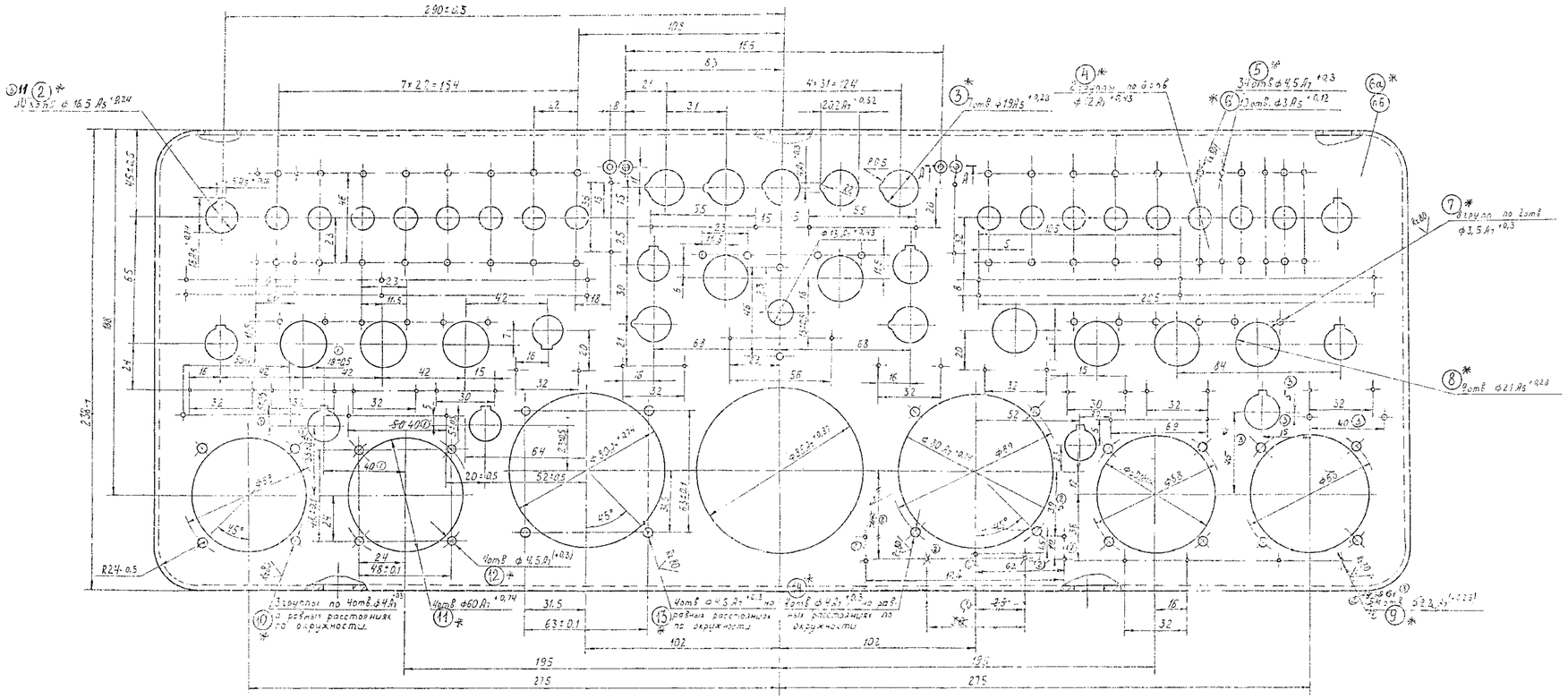
Ⓐ EQ.MATERIAL :- STEEL BAR C45 TO Is: 2073

00993-ICV 12.04.05	Ⓑ	DS CAT NO ADDED AND NOMENCLATURE WAS "UNION"
00769 ICV 27.03.2000	Ⓐ	EQ.MATERIAL ADDED.
DCN NO DATE	ISSUE	NATURE OF AMENDMENT

D83

APPROVED	M YASU	672-57-2 Ⓑ DS CAT NO: LV2/BCV5975-002.02-3	
CHECKED			WEIGHT 0.04 / SCALE 2:1
CONTROLLERATE OF INSPECTION (ICV)		~~UNION~~ Ⓑ UNION ELECTRICAL CONDUIT	SHT / SHTS
		Hexahedral 22-S-GOST 8560-78 / 45-H-B-GOST 1051-73	172 of 332 82

675-82-16



TECHNICAL CONDITIONS

1. Material-substitute is AK7-5, FOCT 4784-74.
2. It is permissible to weld up ribs by argon arc welding.
3. Sizes (without deviations) of up to 80 mm should be ensured with an accuracy of ±0.5 mm, and above 80 mm, with an accuracy of ±1 mm.
4. Permissible misalignment of the hole axes from their nominal position should not exceed 0.25 mm.
5. Stamp the mating parts with the same ordinal number and deliver them for assembly as a set.
6. Mark: AK7-6, lettering being H0-5, FOCT 2930-62.
7. * Size is given for reference.

Ⓐ EQ. MATERIAL:- Al. ALLOY SHEET GRADE 55000 TO IS:737-74 OR GRADE 55000 TO IS: 737-74.

*(2) 11 holes Ø $16.5A_5^{+0.24}$
*(3) 7 holes Ø $19A_5^{+0.28}$
*(4) 2 groups, 5 holes each, Ø $12A_7^{+0.43}$
*(5) 34 holes Ø $4.5A_7^{+0.3}$
*(6) 10 holes Ø $3A_5^{+0.12}$
*(6a) Item 6
*(7) 3 groups, 2 holes each, Ø $3.5A_7^{+0.3}$
*(8) 9 holes Ø $21A_5^{+0.28}$
*(9) 61 holes Ø $2.2A_7^{(+0.25)}$
*(10) 3 groups, 4 holes each, Ø $4A_7^{+0.3}$, equally spaced along circumference
*(11) 4 holes Ø $60A_7^{+0.74}$
*(12) 4 holes Ø $4.5A_7^{(+0.3)}$
*(13) 4 holes Ø $4.5A_7^{+0.3}$ equally spaced along circumference
*(14) 4 holes Ø $4A_7^{+0.3}$ equally spaced along circumference
*(15) R5 along contour
*(16) A-A SCALE 2:1
*(17) 3 holes Ø $3.2A_5^{+0.16}$
*(18) 4 holes Ø $3.2A_5^{+0.16}$
*(19) 5 holes Ø $15A_7^{+0.43}$

00769-ICV 4 Rawat 7-12-2009	Ⓐ	EQ. MATERIAL ADDED.
DCCV NO. DATE	ISSUE	NATURE OF AMENDMENTS

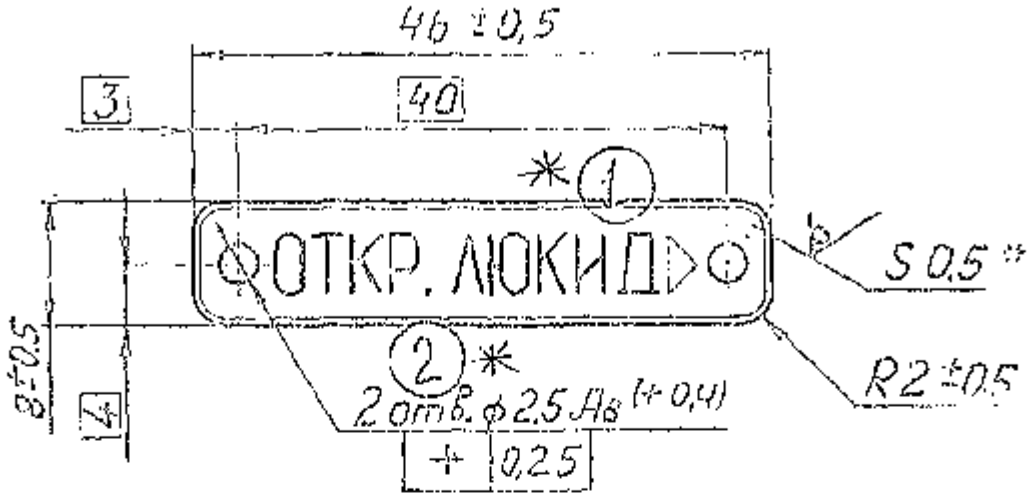
APPROVED		675-82-16	
CHECKED			WEIGHT: SEE; SCALE: 1:1
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		PANEL	SHT SHTS
		SHEET AM-6sM-2.5 GOST 21631-76	

A0

675-82-19

Rz 80 / (V)

*(1) HATCHES Д OPEN (ОТКРЫТЫ ЛЮКИ Д)



TECHNICAL CONDITIONS

(2) 2 holes ⌀ $2.5A_8^{+0.4}$

1. Material-substitute is a brass sheet of marks Л63 and Л68, ГОСТ 15527-70.
2. Photochemical etching:
   (a) the face background is black;
   (b) the letters, frame and sign are of a metal colour.
3. Coat the inscription plate face with clear varnish НЦ-62 ОСТ 6-10-391-74. It is permissible to coat the inscription plate face with varnish ПФ-283, ГОСТ 5470-75.
4. Make use of lettering Л0-4, ГОСТ 2930-62.
5. * Size is given for reference.

Ⓐ EQ. MATERIAL :- CLADDED Al. ALLOY GRADE 24530 TO IS : 8560-77 OR BRASS SHEET CuZn 37 OR CuZn 30 TO IS: 410-77

DC(I)No. & DATE	ISSUE	AMENDMENTS
00769-ICV 27-3-2000	Ⓐ	EQ. MATERIAL ADDED.

APPROVED	
CHECKED	
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	

675-82-19

INSCRIPTION PLATE

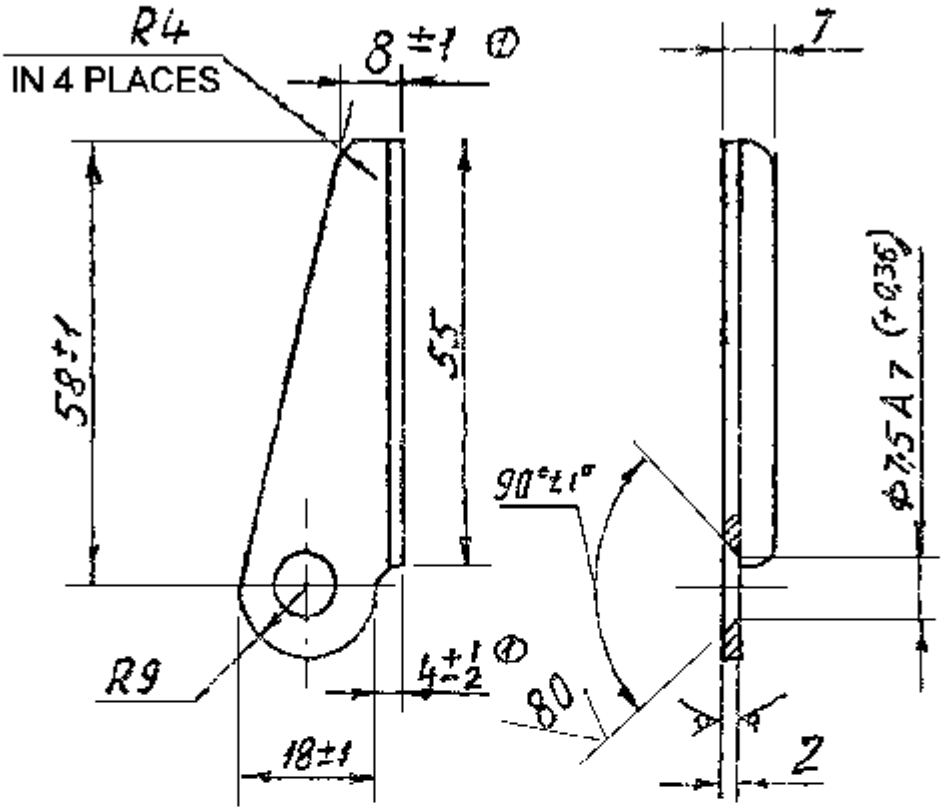
	WEIGHT	SCALE
	0.005	2:1

SHT 1 SHTS 1

D16 AM-0.5, GOST 21631-76

A4

675-82-21



TECHNICAL CONDITIONS

1. Material-substitute is steel of marks 08kn, 10kn, 20, GOST 1050-74.
2. Unspecified limit deviations of sizes are ±0.5 mm.
3. A bend radius should not exceed 4 mm.

Ⓐ EQ MATERIAL:- STEEL C10 OR C20 TO IS:1570.

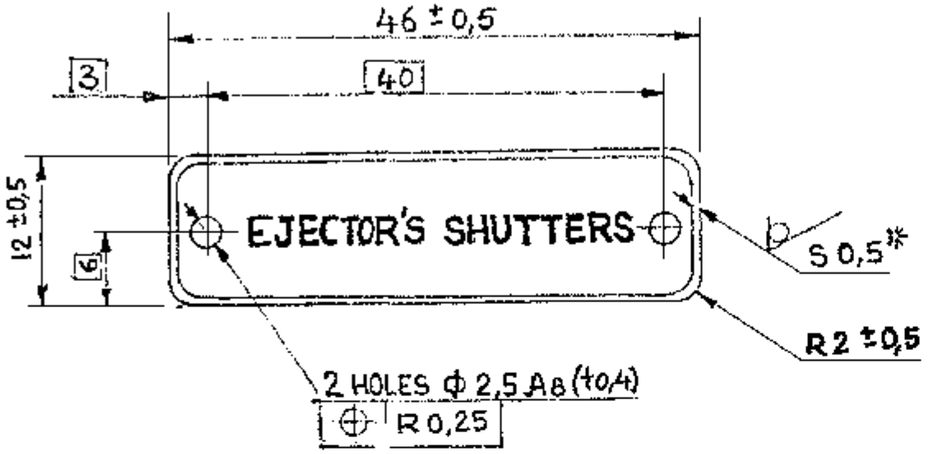
DC(I)No. & DATE	ISSUE	AMENDMENTS
00769-ICV V Rond 27-3-2000	Ⓐ	EQ. MATERIAL ADDED.

APPROVED		675-82-21	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	LEVER	WEIGHT 0.02	SCALE 1:1
	STEEL 10, GOST 1050-74	SHT 1	SHTS 1

A4

675-82-50

Rz 80 (√)



TECHNICAL CONDITIONS

1. ALTERNATE MATERIAL IS SHEET MADE OF BRASS, GRADE Л63, Л68, GOST - 15527-70.
2. PHOTOCHEMICAL FINISHING:- a) BACKGROUND OF FACE - BLACK
   b) LETTERS, BORDER LINE COLOR OF METAL.
3. COAT THE FACE SIDE OF PLATE BY CLEAR VARNISH НЦ-66 OST 6-10-391-84, COATING OF FACE SIDE OF PLATE MAY BE ALLOWED BY LACQUER ПФ-283 GOST-54[illegible].
4. TYPE 4-RP 3 GOST-26.020-80.
5. * DIMENSION IS GIVEN FOR REFERENCE.

NEAREST EQ. MATERIAL	00174-ICV	—	NEW DRAWING PREPARED BASED ON MASTER PRINT RECEIVED FROM COLLABORATORS. (DRAWING D-675/1 V)
SHEET D16 AM-0.5, GOST 21631-76	25 SEP 90		
ORGL MATERIAL:-	DC(I)No. & DATE	ISSUE	AMENDMENTS
ALL SHARF EDGES & CORNERS TO BE ROUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION		STAMP OR ETCH, PART No. MANUFACTURER's NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED			
SCALE: 2:1	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		USED ON: 675-82-Sb105
DATE : 25 SEP 90			
DRN.	WT :- (Kg)		675-82-50
TCD.	0.005		
CHD			PLATE
APPD			DS CAT No.

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

THE ABBRIVATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

ALL DIMENSIONS ARE IN mm.

A3

No.	Designation	Description	Qnty	Remark
		List of Documents		
	675-82-c6104 CS	Assembly drawing		
		Assembly Units		
1	675-82-c6105	Panel	1	
2	765-82-c6275	Holder ДПК1-1 (modified)	7	
3	675-82-c6107	Wiring harness	1	
4	765-82-c6313 LV2/ICVS-4030-003739	~~Wire~~ WIRE(CONDUCTOR)	1	Ref. DC() No. c1077-ICV
5	765-82-c6388	Strip	1	
		Parts		
8	765-82-248	Bushing sleeve (REF DC() 00975-ICV)	2	May be replaced by part, Ref. No. 12
9	765-82-288	Cover	1	
10	765-82-353	Bushing sleeve	2	May be replaced by part, Ref. No. 13
(A) 11	765-82-371	Bus bar	± 2	REF. DC() 00975-ICV
12	765-82-560	Bushing sleeve		2 pcs. May be replaced by part, Ref. No. 8
13	765-82-561	Bushing sleeve		2 pcs. May be replaced by part, Ref. No. 10
14	765-82-600	Bushing		5 pcs. May be replaced by part, Ref. No. 15

APPROVED		675-82-Sb104	DS CAT PART No. (F) LV2/RCV 2510-003271
CHECKED		~~CENTROL BOARD~~ (F) PANEL CONTROL	WEIGHT / SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)			SHT 1 SHTS 7

No.	Designation	Description	Qnty	Remark
15	241-80-6075	Bushing		5 pcs. May be replaced by part, Ref. No. 14
16	700-35-349 LV2/ICVs 5305-093662	~~Screw~~ SCREW SHOULDER	1	REF DC(I) No. 01071-ICV
17	703-80-142	~~Bus~~ TIE	2	REF. DC(I) 00975-ICV
18	730-95-40	Shock absorber	5	
19	730-95-42	Jumper	2	
20	765-95-39	Cap	9	
21	770-80-20	~~Bus~~ BUS BAR	1	REF. DC(I) 00975-ICV
(A) 22	315-141-2 OR 1-8x10 AMr2M-10, GOST-18677-73	Seal Standard Articles	1	
25		Screw B1.M3-8h.6hx12.48. 016, TOCT 17473-80 or B.M3-8h.6hx12.66. 016, TOCT 1491-80	32	
39		Screw A1.M2-6gx6.48.016 TOCT 17473-80	2	
26		Screw B1.M3-8h.6hx16.48. 016, TOCT 17473-80 or B.M3-8h.6hx16.66. 016, TOCT 1491-80	2	
(C) 27	CHEESE HEAD SCREW M4x 10 TO IS: 1366-A-B, FULL THREADED. HEAD EDGES TO BE ROUNDED. SCREW END TO BE CHAMFERED ZINC PLATED 9 MICRONS THICK.	Screw B1.M4-8h.6hx10.48 016, TOCT 17473-80	36	
(C) 28	CHEESE HEAD SCREW M4x 10 TO IS: 1366-A-B, FULL THREADED HEAD EDGES TO BE ROUNDED. SCREW END TO BE CHAMFERED ZINC PLATED 9 MIC THICK.	Screw B1.M4-8h.6hx10.48. 016, TOCT 17473-80 or B.M4-8h.6hx10.66. 016, TOCT 1491-80	20	

APPROVED		675-82-Sb104	DS CAT PART No. (F) LV2/RCV 2510-003271
CHECKED			WEIGHT SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		~~CENTROL BOARD~~ (F) PANEL CONTROL	SHT 2 SHTS 7

No.	Designation	Description	Qnty	Remark
(C) 29	CHEESE HEAD SCREW M4x12 TO IS:1366-4·8 FULL THREADED. HEAD EDGE TO BE ROUNDED. SCREW END TO BE CHAMFERED. ZINC PLATED 9 MIC THICK	Screw B1.M4-8h.6hx12.48.016 ГОСТ 17473-80 or B.M4-8h.6hx12.66.016 ГОСТ 1491-80	4	
(A) 30		Screw M4.6gx18.32.029 ГОСТ 17473-72	6	Delivered according to СТЭ-48 (A) ~~700-76-K1036~~
(A) 31		Nut M3.~~6.016~~ 7H.6.016 (A) ГОСТ 5927-70	34	
(A) 32	(E) EQ.MAT: 40 C8 TO IS:3550	Nut M4.~~6.016~~ 7H.6.016 (A) ГОСТ 5927-70	~~23~~ 25	
(A) 40		~~Nut M2. 6g-0.16~~ 6H.6.016 ГОСТ 5927-70	2	
84		Washer 2x1.01.019 or 2x1.02.019 ГОСТ 11371-78	2	
33	EQ.MAT C-30 TO IS:1570-79	Washer 3.01.019 or 3.02.019, ГОСТ 11371-78	36	(Ref. DCW 00957-ICV)
34		Washer 4.01.019 or 4.02.019, ГОСТ 11371-78	49	
(A) 35		Washer 4.32.029 ГОСТ 11371-78	6	Delivered according to СТЭ-48
(A) 36		Washer 3T 65Г 05 ГОСТ 6402-70	34	
37		Washer 4T 65Г 05 ГОСТ 6402-70	31	
85		Washer 2T 65Г 05 ГОСТ 6402-70	2	
38		Stud M4-8hx105.66.019 ГОСТ 22040-76	1	

APPROVED		675-82-Sb104	DS CAT PART No. (F) LV2/RCV 2510-003271
CHECKED			WEIGHT: SCALE:
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		~~CENTROL BOARD~~ (F) PANEL CONTROL	SHT 3 SHTS 7

No.	Designation	Description	Qnty	Remark
		Miscellaneous Items		
~~(A) 41~~		~~Pressure indicator YA 801-1.6MPa-K2 TY 25-02-110461-85~~	1	~~Trade item~~ ~~Delivered according to UP-1T-1.5 MPa~~ ~~UA-1T-1.5 MPa~~ ~~DELIVERED ACCORDING TO 700-76-K185~~
(B) (D) 41	PRESSURE INDICATOR YA 801-1.5MPa-K2 TY-25-02-110461-85	~~INDICATOR OF ELECTRIC REMOTE READING PRESSURE GAUGE T3M-16, TY25-02-1037 77.~~	(D)	
(A) 76		Diode Д-~~321~~ 231 УХ3.362.018 ТУ	1	Trade item.
(A) 42		Hour meter 228ип-110 ТУ 25-07.1455-81	1	Commercial
43		Indicator of electric speedometer, type СП-106, ГОСТ 12936-82	1	Delivered according to 700-76-K418
(A) 44		Double-pointer universal electric thermometer 2ТУЗ-~~1~~411 ТУ 25.04.1249-76	1	Delivered according to 700-76-K806
(A) 45		Voltammeter ВА-440 ТУ 25-04-023-78Е	1	Delivered according to 733-80-K106
~~(A)~~ 46 (B)	(D) PRESSURE INDICATOR YA 801-0.6MPa-K2 TY-25-02-110461-85	~~Indicator ЭДМУ-6-Н of ЭДМУ-ТУ. Pressure gauge YA-801-0.6MPa-K2. TY 25-02-110461-85~~	1 (D)	Delivered according to 700-76-K449 ~~UA-1T-0.6MPa~~ ~~to UP-1T-0.6MPa~~ ~~700-76-K449~~
(A) 47		Indicator of Т3-4В ~~(МП5.178.020)~~ ТУ 25-02-1500-76	1	Delivered according to 700-76-K1036
48		Fastening ring for ВА-440 ТУ 25-04-023-78Е	1	Delivered according to 733-80-K106

APPROVED		675-82-Sb104	DS CAT PART No (F) LV2/RCV 2510-003271
CHECKED			WEIGHT / SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		~~CENTROL BOARD~~ (F) PANEL CONTROL	SHT 4 SHTS 7

No.	Designation	Description	Qnty	Remark
(A) 49		Fastening ring У-03 ~~for ЗПМУ-ТУ~~ 6ПМ.022.000 ТУ 25-02.п0461-85	2	1 pc is delivered according to ЦД-1Т-0.6МПа ~~700-76-К185~~ 1 pc is delivered according to ЦД-1Т-1.5 МПа ~~700-76-К449~~
50		Fastening ring У04.00.00, Ø80, ТУ 25.04.1249-76	1	Delivered according to 700-76-К806
(A) 51		Switch В-45М ТУ 16-526.016-73	~~5~~ 4	Commercial
(A) 52		Spring-return switch without knob neutral position, ВН-45М ТУ 16-526.016-73	2	Commercial
(A) 53		Throw-over switch ПП-45 ТУ 16.526.016-73 with knob neutral position. Automatic circuit breaker ТУ 16-526.015-73:	2	COMMERCIAL
(A) 54		АЗС-5	~~2~~ 3	
55		АЗС-10	1	
56		АЗС-15	2	
57		АЗС-30	2	
58		АЗС-50	1	

APPROVED		675-82-Sb104	DS CAT PART No. (F) LV2/RCV 2510-003271
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		~~CENTROL BOARD~~ (F) PANEL CONTROL	WEIGHT SCALE SHT 5 SHTS 7

No.	Designation	Description	Qnty	Remark
(A) 59		Branch box 75KYI TY 16-526-068-72	1	Commercial
(A) 60		Contactor KM-50Д-B, Dwg 1139.000	2	Commercial
		Resistors ГОСТ 6513-66:		
(A) 61		ПЭВР-30-51 Ом±10%	1	Commercial
62		ПЭВР-50-22 Ом±10%	1	
		Light ДУО.242.001 ТУ		
(A) 63		ФРМ1-Б	2	Commercial
(A) 64		ФРМ1-К	~~6~~ 7	
65		ФРМ1-З	2	
		Buttons ~~НАО.360.011:~~		
(A) 67		НАЗ.604.018сп НАО.360.011 ТУ	~~5~~ 5	
68		НАЗ.604.021сп	4	
(A) 69		Lamp МН26-0,12-I	~~10~~ 11	
		ГОСТ 2204-~~74~~ 80		
(A) 72		Fuse СП-5, 30 V ТУ 16-522.001-~~7682~~ or fuse link ВПБ6-26В ОЮО.481.021 ТУ	3	Commercial
(A) 73		Fuse СП-10, 30 V ТУ 16-522.001-~~76~~82	3	Commercial
(A) 77		Relay РЭС.48Б РС4.590.201 ЯТО.450.033 ТУ	1	Commercial
(A) 74		Fuse link ВПБ6-23В ОЮО.481.021 4ТУ	1	Commercial
75		Fastening ring 2М6.251.000	1	Delivered as a set with hour meter 228чп-II

APPROVED		675-82-Sb104	DS CAT PART No. (F) LV2/RCV 2510-003271
CHECKED		~~CENTROL BOARD~~ (F) PANEL CONTROL	WEIGHT / SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)			SHT 6 SHTS 7

No.	Designation	Description	Qnty	Remark
		Material		
80		Wire KO 0,5 ГОСТ 792-67, ℓ=100	1	
(A) 81		Wire ММ-1,00 ~~ГОСТ 2112-71, ℓ=150~~ GOST 2112-79, L=100mm	1	
82		Sleeve 10 3,0x2,0 ГОСТ 5496-78, ℓ=10	1	
(A) 83		Sleeve ~~III-ТВ-5-355-7,~~ 3.31 ТБ-50,7, unpainted ~~ГОСТ 19034-73, ℓ=150~~ GOST 19034-82, L=150mm	1	

00996-ICV 27-06-05	(F)	DS CAT PART No. ADDED
00962-ICV 10-11-03	(E)	EQ MATERIAL ADDED
00619-ICV 23-7-97	(D)	DESCRIPTION OF REF 41 AND 46 AMENDED BASED ON DRG RECEIVED FROM COLLABORATOR
00354-ICV 21 MAY 93	(C)	IS EQUIVALENT FOR SCR-EW AT REF NO. 27, 28 AND 29 ADDED
00318-ICV 27 JAN 92	(B)	REF No. 41 AND 46 :- NEWLY INTRODUCED ITEMS VIDE ISSUE 'A' DELETED
00175-ICV SEPT 90	(A)	SEE DC(I) No 00175-ICV (B-673/ICV)
DC(I) No & DATE	ISSUE	NATURE
AMENDMENTS		

APPROVED		675-82-Sb104	DS CAT PART No. (F) LV2/RCV 2510-003271
CHECKED		~~CENTROL BOARD~~ (F) PANEL CONTROL	WEIGHT / SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)			SHT 7 SHTS 7

675-82-Sb104Sb

*(1) BEYOND EXTREMETIES (ВЫХОД ЗА ГАБАРИТ)
*(2) SGE (ТДА)
*(3) GDI (ГПК)
*(4) FFP (БЦН)
*(5) ENGINE COOLING (ОХЛАЖДЕН. ДВИГАТ.)
*(6) BILGE PUMP (ОТКАЧКА ВОДЫ)
*(7) BOW (НОС)
*(8) REAR (КОРМА)
*(9) AAP (ПАЗ)
*(10) ON (ВКЛ)
*(11) OFF (ВЫКЛ)
*(12) VALVE (КЛАПАН)
*(13) AF VALVE OPEN (ОТКР. КЛАПАН ФПТ)
*(14) AAP (ПАЗ)
*(15) CBR (Р и ОВ)
*(15) HATCHES Д OPEN (ОТКР. ЛЮКИ Д)
*(17) PUMP (НАСОС)
(18) DEPRESS (НАЖАТЬ)
(19) r/min
(20) DOOR (ДВЕРЬ)
*(21) LIGHTING (ОСВЕЩ.)
*(22) DAY (ДНЕМ) / NIGHT (НОЧЬЮ) (LIGHTING | DAY / NIGHT | BOARD)
*(23) BOARD (ЩИТКА)
*(24) km/h
*(25) View A
*(26) L (М)
*(27) LIGHT (СВЕТ)
*(28) H (Б)
*(29) BD (СМУ)
*(30) HEADLIGHT (ФАРА)
*(31) ТВН
*(32) ENGINE COOLING OFF (ВЫКЛ. ОХЛ. ДВИГАТ.)
*(33) BLWR (НАГНЕТАТЕЛЬ)
*(34) 1 C (1Б)
*(35) 2 C (2Б)
*(36) STARTER (СТАРТЕР)
*(37) AIR START (ПУСК ВОЗД.)
*(38) DUST EJECTION VALVE (КЛАПАН ОТСОСА ПЫЛИ)
*(39) kg/cm^2
*(40) ENGINE OIL (МАСЛО ДВ)
*(41) GEARBOX LUBRIC (СМАЗКА КПД)
*(42) ENGINE COOLING (ОХЛАЖДЕН. ДВИГАТ.)
*(43) BEYOND EXTREMETIES (ВЫХОД ЗА ГАБАРИТ)
*(44) BATTERIES OFF (ВЫКЛ. БАТАРЕЙ)
*(45) AFLOAT (ПЛАВ.)
*(46) ENGINE HEATING (ОБОГРЕВ ДВИГАТ.)
*(47) GLOW PLUG (СВЕЧА)
*(48) MARKER LIGHT (ГАБАРИТ КДС)
*(49) Secure with red enamel ПФ-223
*(50) 10 or 13
*(51) 8 or 12
*(52) II / instead of crossed-out
*(53) WATER – 120°C, max. / ANTIFREEZE – 95°C, max. — ENGINE — МТ-16п – 120°C, max. / МТ3-10п – 105°C, max.
ВОДА – 120°C, макс. / АНТИФРИЗ – 95°C, макс. — ДВИГАТЕЛЬ — МТ-16п – 120°C, макс. / МТ3-10п – 105°C, макс.
*(54) Е-Е / Scale 2:1

THE ABBREVIATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

ALL DIMENSIONS ARE IN mm.

TECHNICAL CONDITIONS

1. Secure testing equipment with fasteners delivered in a set with the equipment.
2. Play of devices and instruments is impermissible.
3. Carry out the wiring with the wiring harness, Ref. No. 3, according to the wiring diagram. The wiring harness should not contact the resistor surfaces.
4. Install connector plugs with a guide facing up.
5. Scrape surfaces Г, Ж, З, И, К bright.
6. Secure an hour-meter minus wire with screw Е fastening a plug connector.
7. Secure fastening nuts of lights, buttons, holders with red enamel ПФ-223, ГОСТ 14923-78.
8. Set the resistor, Ref. No. 61, to 20±2 ohms.
9. Use fastening nuts to secure minus wires.
10. Set the resistor, Ref. No 62, to 10±1 ohms.
11. Make a jumper for the box, Ref. No. 59, of the wire, Ref. No. 81.
12. Coat all soldered places with red varnish НЦ-62 ОСТ 6 10 391-74.
13. Fit the sleeve, Ref. No. 83, on the wires, Ref. Nos 74, 75 and 77, before coupling them to the hour meter.
14. For connecting one lug or one bus to the automatic circuit breaker and switches, use screws delivered with the circuit breaker and switches. When installing two lugs or two buses, replace the screws by the parts, Ref. No. 28.
15. Fit the upper cut of the sleeve, Ref. No. 82, flush with the switch knob.
16. Solder hook-up wires to the leads of the relay, Ref. No. 62, at a distance of at least 2 mm from the relay base. Flow of flux and insulating varnish on the base surface is impermissible.

(A) 17. AFTER FITTING OF HOURMETER PRESS IT BY SEAL REF. No. 22 BY TID STAMP.
(A) 18. WIRING MAY BE CARRIED OUT WITHOUT MANUFACTURING OF BRAID SET No.3 WITH SUBSEQUENT BINDING OF WIRES TO WIRE BUNDLE WITH BLACK GLASS COTTON No0 THREADS AS PER GOST 6309-80 SOAK BANDS. NEAR: JOINTS WITH BAKELITE LACQUER ЛБС-1 GOST 901-78 IN THIS, THE TERMINATION OF WIRES IS CARRIED OUT AS PER 700-88-3TT INSULATION RESISTANCE AS PER ITEM 1.6. 700-88-3TT IS CHECKED IN DISCONNECTED JOINT OF HOUR METER, DISCONNECTED ACB SWITCHES AND CHANGE-OVER SWITCHES WITH UNESTABLISHED LAMPS AND FUSES.

DC(I)No. & DATE	ISSUE	AMENDMENTS
00996-ICV 97-06-05	(B)	DS CAT PART NO ADDED AND DESCRIPTION PANEL CONTROL WAS CENTRAL BOARD
00175-ICV SEP 90	(A)	TECHNICAL CONDITION No.17 AND 18 NEWLY ADDED.

NEAREST EQ. MATERIAL		
ORGL MATERIAL:-		
ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART No. MANUFACTURER's NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED		
SCALE: 1:1	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON: 675-82-Sb4
DATE: 25-9-90		
DRN. / TCD. — WT:- (Kg) 8.269	675-82-Sb104Sb Sht 1 of 3	
CHD / APPD	(B) ~~CENTROL BOARD~~ PANEL CONTROL	DS CAT PART No. (B) LV2/RCV 2510-003271

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

A0

675-82-Sb104Sb

TABLE OF ELECTRICAL CONNECTIONS

Wire No.	Runs from element	cont.	Runs to element	cont.	Remark
1	Switch (SGE)		M1	1	
2	ACB		M1	2	
3	ACB (GDI)		M1	7	
4	ACB (FFP)		M1	3	
5	ACB (periscope TRH)		M1	4	
6	ACB (BLOWER)		M1	5	
7	Fuse No. 6		M2	7	
8	Contactor		M2	3	
9	ACB (BLOWER)		M2	12	
10	ACB (REAR)		M2	6	
11	Contactor		M2	4	
12	Button (AAP)	4	M3	29	
13	Button (CBR)	1	M3	30	
14	ACB (GDI)		M3	24	
15	Lamp (DOOR)		M3	4	
16	Button (1C)	4	M3	10	
17	Button (2C)	1	M3	7	
18	Button (STARTER)	1	Relay P3C 48B	4	
19	Button (AIR START)	1	M3	18	
20	Button	1	M3	19	
22	ACB (MARKER LIGHT)		M3	22,27	
23	Resistor		M3	5	
25	Fuse No. 5		M3	1,2	
27	Fuse No. 2		M3	26	
28	Resistor		M3	16	
29	Fuse No. 7		M3	17	
30	Switch (SGE)		M4	2	
31	Lamp (ENGINE COOLING)		M4	6	
32	Button (PUMP)	1	M4	7	
33	Button (AIR START)	1	M4	1	
34	Button (ENGINE COOLING OFF)	3	M4	8	
35	Switch (SGE)		M5	2	
36	Lamp (1C)		M5	4	
37	Button (1C)	3	M5	6	
38	Lamp (2C)		M5	8	
39	Fuse No. 6		M5	7	
40	Button (AAP)	4	M5	14	
41	Button (CBR)	1	M5	3	
42	Button (1C)	4	M5	15	
43	Button (2C)	1	M5	12	
44	Fuse No. 4		M5	9	
45	ACB (AAP)		M5	5	
46	ACB (REAR)		M5	11	
47	ACB (periscope TRH)		M8	1	
48	ACB (HEATING)		M8	3	
49	Contactor		M8	4	
50	Contactor		M8	5	
51	ACB (MARKER LIGHT)		M8	8	
52	Fuse No. 2		M7	6	
53	Fuse No. 4		M7	12	
54	Lamp (VALVE)		M7	20	
55	Switch (AFLOAT)		M7	11	
56	M7	17,14	M3	32	
57	M7	2	M3	31	
58	ACB (HEATING)		M4	11	
59	Button (ENGINE COOLING OFF)	2	M4	3	
60	M7	13	M5	13	
61	M7	1	M5	1	
62	M3	20	M7	7	
63	M7	16	M5	10	
64	Lamp (BEYOND EXTREMETIES)		M6	4	
65	Lamp(BEYOND EXTREMETIES)		M6	3	
66	Lamp (ENGINE COOLING)		Switch (ENGINE COOLING)		
67	M7	19	M5	17	
68	M3	3	M8	7	
69	Fuse No. 3		M4	9	
70	Fuse No. 5		Fuse No. 7		
72	Lamp (VALVE)		Lamp (DOOR)		
73	Switch (SGE)		Fuse No. 6		
74	Fuse No. 6		Hour meter	3	
75	Lamp (VALVE)		Hour meter	2	
76	Button (STARTER)	4	Button (PUMP)	4	
77	HOUR METER	1	Mass		
78	ACB (AAP)		Button (CBR)	4	
80	Fuse No. 1		Switch		
81	Button	4	Button (AIR START)	4	
82	Button (2C)	3	Lamp (2C)		
83	Button (2C)	2	Button (1C)	3	
84	Button (1C)	2	Lamp (1C)		
85					
86	Switch (LIGHTING)		Resistor		
87	Button (CBR)	4	Button (AAP)	1	
88	Switch (AFLOAT)		Mass		
89	ACB (HEATING)		ACB (periscope TRH)		
90	Switch (MARKER LIGHT)		Fuse No. 2		
91	Lamp (BEYOND EXTREMETIES)		Switch (LIGHTING)		
94	Switch (BD)		Fuse No. 5		
95	Switch (GLOW PLUG)		Contactor		
96	Switch (BD)		Resistor		
97	Switch (LIGHTING)		Resistor		
98	Switch (BD)		Switch (LIGHTING)		
99	Fuse No. 7		Block 75K		
101	Lamp (ENGINE COOLING)		Mass		
102	Button (2C)	4,3	Button (1C)	1,2	
103	Fuse No. 4		Lamp (2C)		
104	Switch (BD)		Resistor		
105	ACB (BOW)		M8	6	
107	Lamp (BEYOND EXTREMETIES)		M3	25	
108	Contactor		Button (PUMP)	1	
109	M5	16	M6	1	
110	M1	8	Fuse No. 5		
111	Fuse No. 3		Switch (ENGINE COOLING)		
112	Fuse No. 2		Lamp (DUST EJECTION VALVE)		
113	M6	2	Lamp DUST EJECTION VALVE)		
114	Lamp (HATCHES Д OPEN)		M6	2	
115	Lamp (HATCHES Д OPEN)		Fuse No. 1		
117	Д-231		ACB (BATTERIES OFF)		
118	Д-231		M3M4		
Ⓐ 119	~~ACB (BATTERIES OFF)~~		~~Relay P3C 48B~~	~~3~~	
120	ACB (BATTERIES OFF)		Relay P3C 48S	2	
121	Relay P3C 48B	A	Fuse No. 6		
122	Relay P3C 48S	B	Mass		
123	Button (AIR START)	2	Button (STARTER)	2	
124	Button (STARTER)	2	Button (PUMP)	1	
Ⓐ 125	Relay P3C 48B	3	Fuse No. 1	—	
126	Button (AIR START)	3	Button (STARTER)	3	
127	Button (STARTER)	3	Button (STARTER)	4	
106	Lamp AF VALVE OPEN		M2	5	
147	Lamp (VALVE)		Lamp (AF VALVE OPEN)		
24	Fuse No. 5		M3	11,12	
Ⓐ 26	Fuse No. 5		M3	8,9	
71	Board lighting		Lamp (DOOR)		
79	Fuse No. 3		Button	4	
92	Lamp (BEYOND EXTREMETIES)		Switch (BD)		
93	Switch (GLOW PLUG)		Fuse No. 3		
100	Fuse No. 1		Button (PUMP)	4	
148	M3	31	M4	13	
149	M3	32	M4	14	
150	Relay P3C 48S	5	M3	13	
116	Fuse MP 6		M3	6	
151	Lamp ejector gate		M7	3	
152	Lamp Dust ejection valve		Lamp Dust ejection gate		
Ⓐ 153	Block 75 K		M3	4	

DC(I) No. & DATE	ISSUE	NATURE AMENDMENTS
00996-ICV 17-06-05 00175 ICV	Ⓑ	DS CAT NO ADDED AND DESCRIPTION PANEL CONTROL WAS TABLE OF ELECTRICAL CONNECTION a) WIRE No 153 NEWLY ADDED. b) WIRE No. 119 DELETED. c) WIRE No. 125 WAS RUNNING FROM ACB (BATTERIES OFF) TO FUSE No. 1 d) AGAINST WIRE No. 26, IN RUNS TO COLUMN CANTACT WAS 8,5 .
SEP 86	Ⓐ	

APPROVED		675-82-Sb104Sb	DS CAT PART No. Ⓑ LV2/RCV 2510-003271
CHECKED		~~TABLE OF ELECTRICAL CONNECTIONS~~ Ⓑ PANEL CONTROL	WEIGHT / SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)			SHT 2 SHTS 3

675-82-Sb104Sb

(1) Beyond extremeties
(2) Relay P&C 45B
(3) Batteries off
(4) Afloat
(5) Heating
(6) Glow plug
(7) Marker light
(8) Blwr
(9) TBH
(10) BD
(11) Пр. 5 rated for 10 A
(12) Пр. 4 rated for 10 A
(13) Пр. 3 rated for 5 A
(14) Пр. 2 rated for 5 A
(15) Пр. 1 rated for 5 A
(16) AAP
(17) Hear
(18) Bow
(19) Engine cooling
(20) FPP
(21) GDI
(22) SGE
(22a) Beyond extremeties
(23) Engine cooling
(24) Dust ejection valve
(25) Air start
(26) Starter
(27) Engine co[illegible] & off
(28) Пр. 7 rated for 2 A
(29) Board (panel) lighting
(30) Пр. 6 rated for 10 A
(31) Door
(32) Hatches A open
(33) Pump
(34) CBR
(35) AAP
(36) AF valve open
(37) Valve
(38) Hour meter

Ш7
Ш1
Ш5
Ш6
Ш3
Ш2

00996-ICV - 27-06-05	B	DS CAT NO ADDED AND DESCRIPTION PANEL CONTROL WAS CENTRAL BOARD
00715-ICV SEP 90	A	a) WIRE No. 119 RUNNING FROM ACB (BATTERIES OFF) TO RELAY P+C 48 B, CONTACT 3 DELETED. b) WIRE No. 125 WAS RUNNING FROM ACB (BATTERIES OFF) TO FUSE No. 1. c) WIRE No. 153 NEWLY ADDED.
DC(S) No & DATE	ISSUE	NATURE

AMENDMENTS

APPROVED	675-82-Sb104Sb	DS CAT PART No. B LV2/RCV 2510-003271
CHECKED	~~TABLE OF ELECTRICAL CONNECTIONS~~ B PANEL CONTROL	WEIGHT / SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		SHT 3 SHTS 3

No.	Designation	Description	Qnty	Remark
		List of Documents		
	675-82-c6105 CB	Assembly drawing		
		Assembly Units		
1	675-82-c6106	Panel	1	
4	765-82-c6325	Cover	6	
5	765-82-c6343	Cover	1	
6	765-82-c6344	Cover	1	
		Parts		
11	675-82-19	Inscription plate	1	
(A)12	675-82-50	Plate	1	
14	765-82-27	Inscription plate	1	
15	765-82-75	Inscription plate	1	
16	765-82-140	Inscription plate	1	
17	765-82-141	Inscription plate	1	
18	765-82-142	Inscription plate	1	
19	765-82-634	Inscription plate	1	
20	765-82-145	Inscription plate	1	
21	765-82-263	Inscription plate	1	
22	765-82-282	Inscription plate	1	
23	765-82-283	Inscription plate	1	
24	765-82-284	Inscription plate	1	
25	765-82-285	Inscription plate	1	
27	765-82-327	Guard	5	
28	765-82-337	Inscription plate	1	
29	765-82-426	Inscription plate	1	
30	765-82-448	Inscription plate	1	
31	765-82-495	Inscription plate	1	
32	765-82-590	Inscription plate	1	
33	765-82-598	Inscription plate	1	
34	765-82-627	Inscription plate	1	
35	730-80-23	Inscription plate	1	
36	730-80-240	Inscription plate	1	
37	770-80-16	Inscription plate	1	
		Standard Items		
41		Rivets IOCT 10299-80: 2x4.32.H6	~~56~~ 58	(A)
43		3x6.37	16	

d. DRG. NO. 675-82-50 ADDED AS REF-NO.12 SINCE NEW INTRODUCTION	(A)	0174-CV SEPT 90
b. QUANTITY OF RIVET(REF.No.41)WAS 56 (D-674/ICV)	(A)	
NATURE OF AMENDMENTS	ISSUE	DCN NO DATE

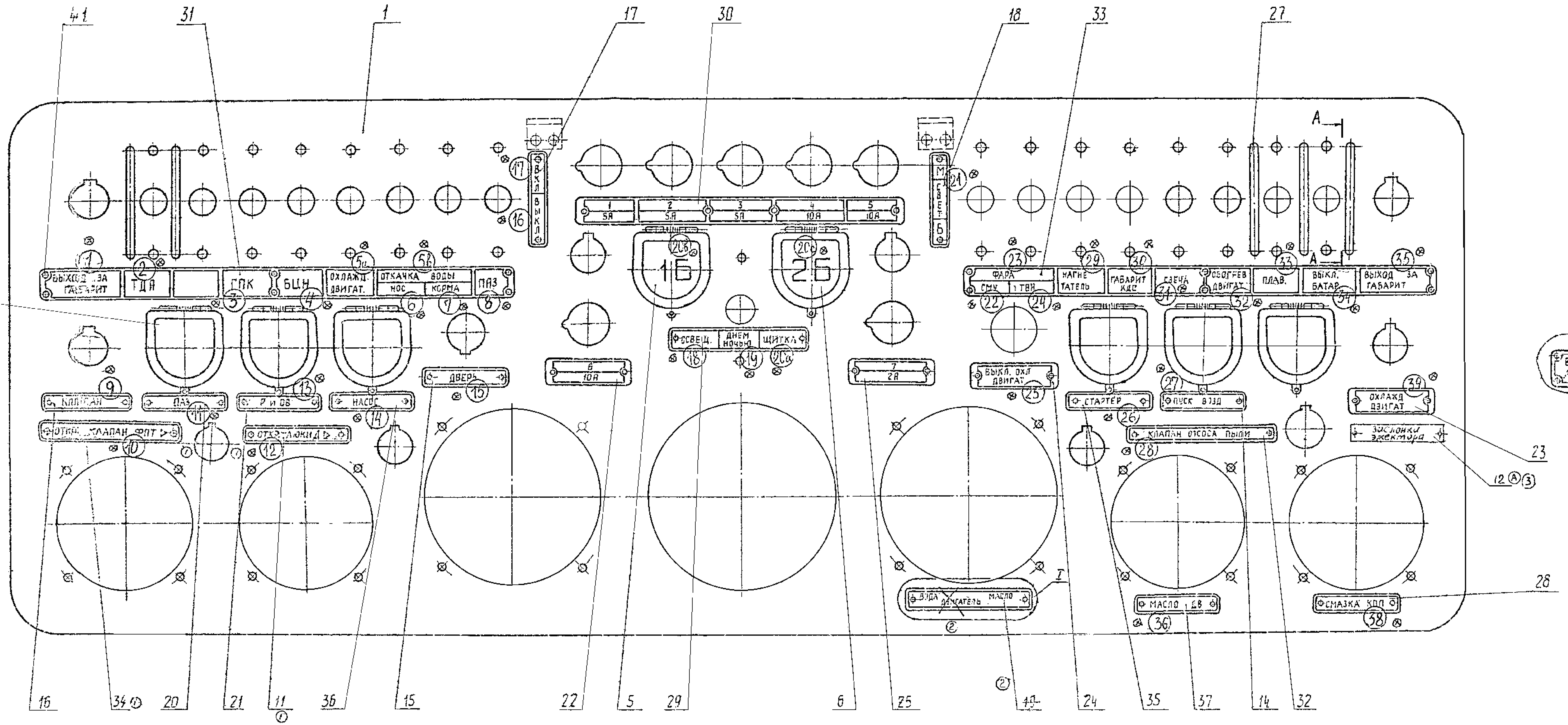
APPROVED	
CHECKED	
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	

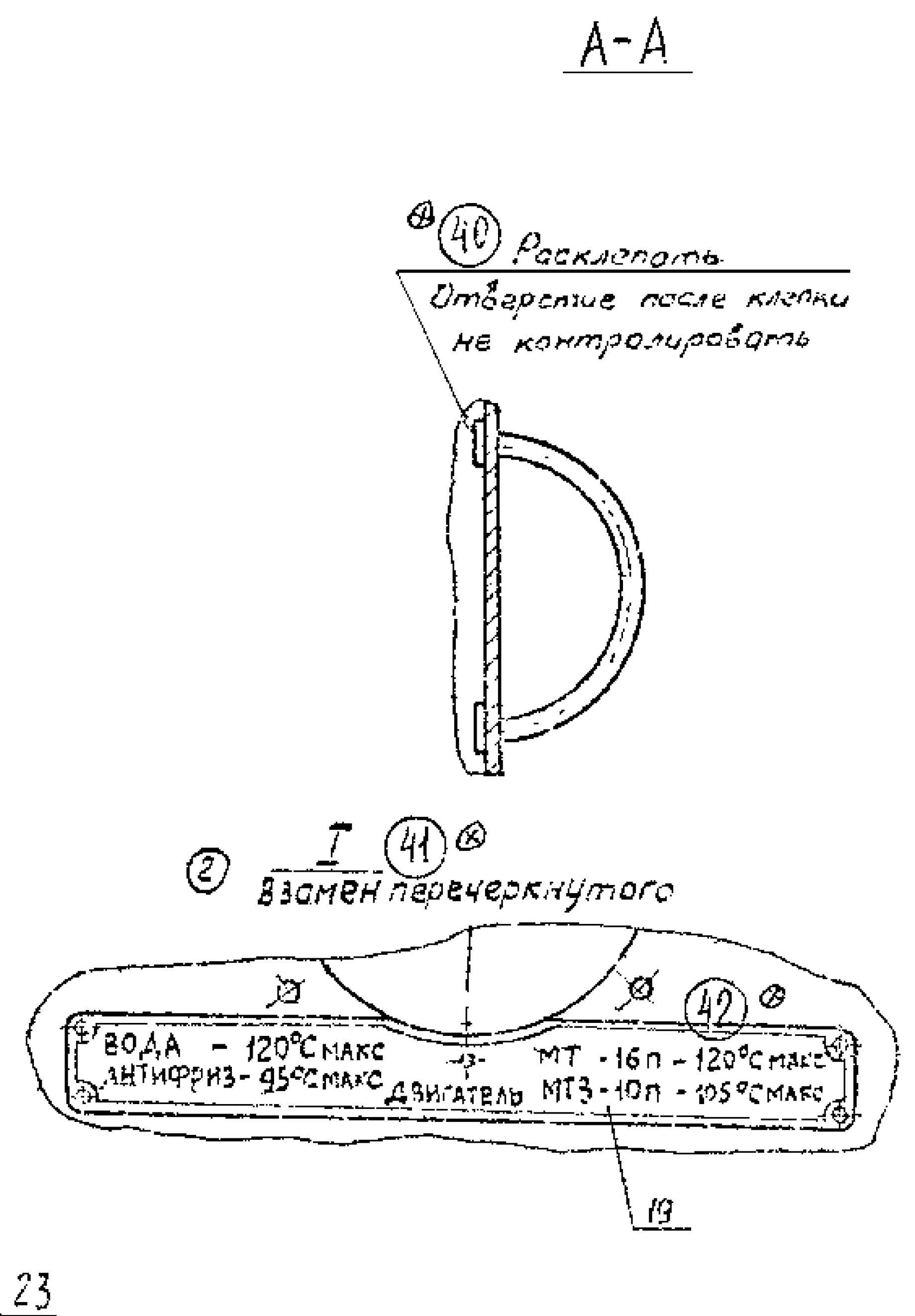
675-82-Sb105

PANEL

WEIGHT	SCALE

SHT SHTS





(1) BEYOND EXTREMETIES (ВЫХОД ЗА ГАБАРИТ)
(2) SGE (ТДА)
(3) GDI (ГПК)
(4) FFP (БЦН)
(5a) ENGINE COOLING (ОХЛАЖД. ДВИГАТ.)
(5b) BILGE PUMP (ОТКАЧКА ВОДЫ)
(6) BOW (НОС)
(7) REAR (КОРМА)
(8) AAP (ПАЗ)
(9) VALVE (КЛАПАН)
(10) AF VALVE OPEN (ОТКР. КЛАПАН ФПТ)
(11) AAP (ПАЗ)
(12) HATCHES Д OPEN (ОТКР. ЛЮКИ Д)
(13) CBR (Р и ОБ)
(14) PUMP (НАСОС)
(15) DOOR (ДВЕРЬ)
(16) OFF (ВЫКЛ.)
(17) ON (ВКЛ.)
(18) LIGHTING (ОСВЕЩ.)
(19) DAY (ДНЕМ) / NIGHT (НОЧЬЮ) — (LIGHTING | DAY / NIGHT | BOARD)
(20a) BOARD (ЩИТКА)
(20b) 1C (1Б)
(20c) 2C (2Б)
(21) L / Light / H — М / СВЕТ / Б
(22) BD (СМУ)
(23) HEADLIGHT (ФАРА)
(24) TEH
(25) ENGINE COOLING OFF (ВЫКЛ. ОХЛ. ДВИГАТ.)
(26) STARTER (СТАРТЕР)
(27) AIR START (ВОЗД. ПУСК)
(28) DUST EJECTION VALVE (КЛАПАН ОТСОСА ПЫЛИ)
(29) BLWR (НАГНЕТАТЕЛЬ)
(30) MARKER LIGHT (ГАБАРИТ КДС)
(31) GLOW PLUG (СВЕЧА)
(32) ENGINE HEATING (ОБОГРЕВ ДВИГАТ.)
(33) AFLOAT (ПЛАВ.)
(34) BATTARIES OFF (ВЫКЛ. БАТАР.)
(35) BEYOND EXTREMETIES (ВЫХОД ЗА ГАБАРИТ)
(36) ENGINE OIL (МАСЛО ДВ)
(38) GEAR BOX LUBRIC (СМАЗКА КПП)
(39) ENGINE COOLING (ОХЛАЖД. ДВИГАТ.)
(40) Flatten
Do not check hole flattening after
(41) I
Instead of crossed out
(42) WATER - 120°C, max. / ANTIFREEZE - 95°C, max. / ВОДА - 120°C, макс. / АНТИФРИЗ - 95°C, макс. — ENGINE (ДВИГАТЕЛЬ) — МТ-16п - 120°C, max. / МТЗ- 10п-105°C, max. / МТ- 16п - 120°C, макс. / МТЗ- 10п - 105°C, макс.

TECHNICAL CONDITIONS

(43) 1. When riveting the inscription plates, bear in mind that distortion of the head height diameter of the rivet, Ref. No. 41 is permiss..o.e on the side of riveting.

DC(I) No. DATE	ISSUE	NATURE OF AMENDMENT
6-5-03	(A)	REF. No. 12 NEWLY ADDED VIDE DC(I) No. 00174-ICV DT. SEP. 1990.

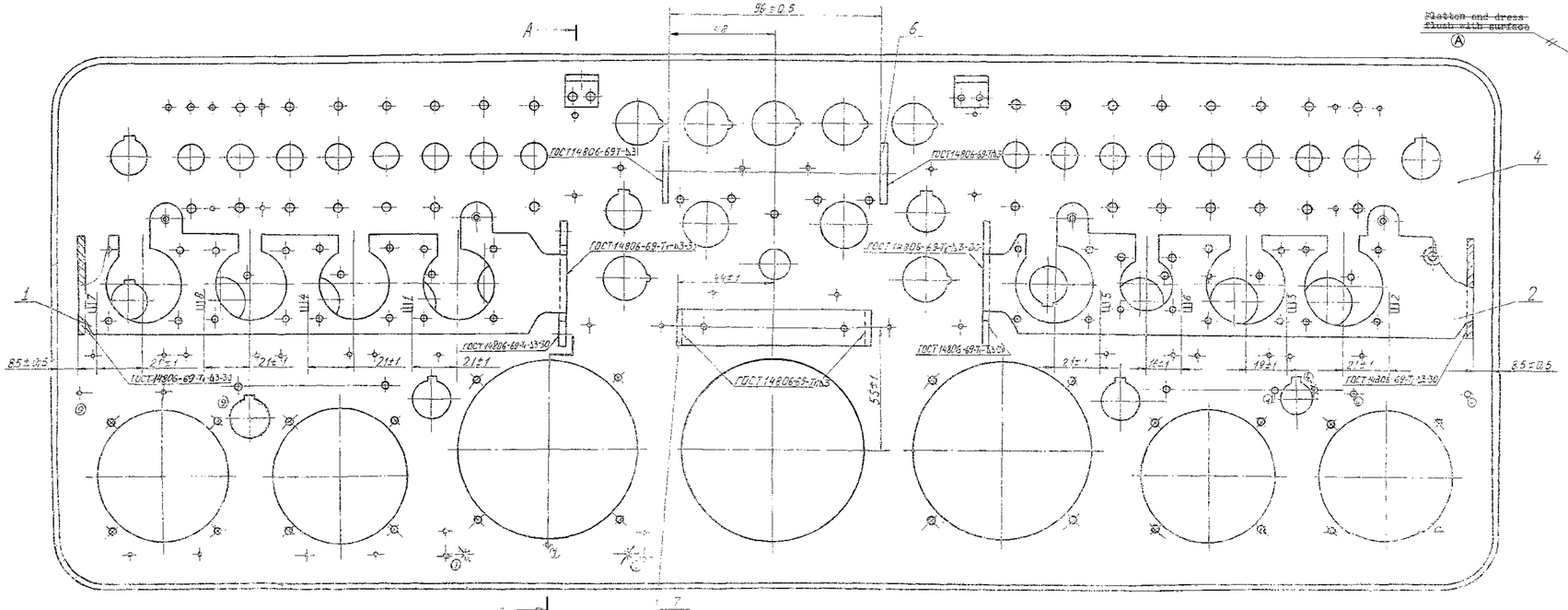
APPROVED		675-82-Sb105Sb		
CHECKED			WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		PANEL (ASSEMBLY DRAWING)	1.49	1:1
			SHT	SHTS

No.	Designation	Description	Qnty	Remark
		List of Documents		
	675-82-c6106 C5	Assembly drawing		
		Assembly Units		
1	765-82-c6348	Bracket	1	
2	765-82-c6349	Bracket	1	
		Parts		
4	675-82-16	Panel	1	
5	765-82-324	Angle-piece	2	
6	765-82-360	Bracket	2	
7	765-82-405	Bracket	1	
		Standard Items		
10		Rivet ~~3x8-37~~ 3X1437 GOST 10299-80 (A)	4	

00173-ICV SEP 90	(A)	REF. No.10 WAS RIVET 3X8-37 GOST 10299-80 (D-675-ICV)
DC(J)No & DATE	ISSUE	NATURE
AMENDMENTS		

APPROVED		675-82-Sb106		
CHECKED				
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		PANEL	WEIGHT	SCALE
			SHT	SHTS

675-82-Sb106Sb



SPECIFICATIONS CONDITIONS:

1. Coating: (a) anodic oxidation with subsequent bichromate treatment or electrolessly phosphated one, blue;
   (b) coat the panel face with primer ФЛ-03К, ГОСТ 9109-81, and then with grey enamel МЛ-12, ГОСТ 9754-76, and with silver enamel МЛ-165, ГОСТ 12034-79.
2. If faults are detected after priming, fill the surface with red putty КЧ-00-3, ГОСТ 10277-76, and coat it with primer again. An enamel coat should be even, without flaking, runs, scratches, or foreign inclusions.
   Accept according to the standard.
3. Stamp inscriptions М1, М2, М3, М4, М5, М6, М7, and М8 on brackets with a marking iron and fill them with black enamel НЭ-223, ГОСТ 14923-78. Lettering is П0-5, ГОСТ 2930-62.
4. The requirements to weld quality are according to ОСТ 3-4001-77 for unestimated joints.

00173-ICV	A	SECTIONAL VIEW A-A a) CONFIGURATION OF THE RIVETYED END OF REF. No. 10 CHANGED FROM FLAT FLUSH WITH THE SURFACE TO ROUND b) CONNECTED NOTE DELETED. (Specification)
SEP 90	COM.	
DC(S) No & DATE	ISSUE	NATURE

AMENDMENTS

APPROVED		675-82-Sb106Sb	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	PANEL ASSEMBLY DRAWING	WEIGHT	SCALE
		1.12	1:1
		SHT 1	SHTS 1

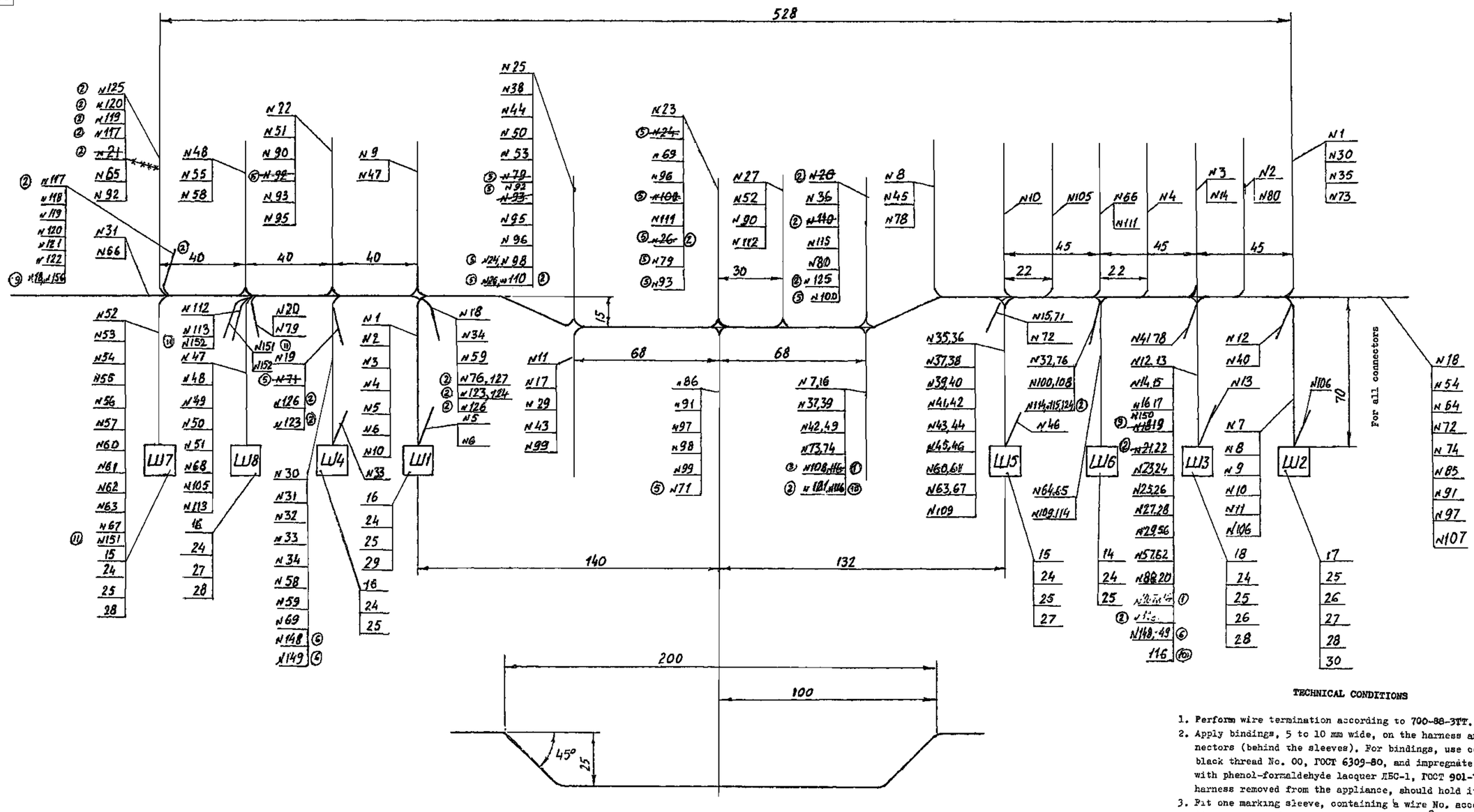
No.	Designation	Description	Qnty	Remark
		List of Documents		
	675-82-сб107 СБ	Assembly drawing		
	700-88-3ТТ	Technical requirements for manufacturning and laying of electric wires and cable units		
		Assembly Units		
	700-88-сб202	Wire termination	195	
	700-88-сб210	Wire termination	2	
3	700-88-сб222-02	Wire termination	7	
	700-88-сб222-04	Wire termination	4	
	700-88-сб222-05	Wire termination	1	
	700-88-сб222-06	Wire termination	26	
	700-88-сб222-07	Wire termination	2	
	700-88-сб222-08	Wire termination	4	
		Miscellaneous Items		
14		Plug 2РМ22Б4Ш3В1 ГЕО.364.126 ТУ	1	
15		Plug 2РМ33Б20Ш4В1 ГЕО.364.126 ТУ	3	
16		Plug 2РМД30Б8Ш7В1 ГЕО.364.126 ТУ	2	
17		Plug 2РМД33Б7Ш9В1 ГЕО.364.126 ТУ	1	

APPROVED		675-82-Sb107	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		WIRING HARNESS	WEIGHT SCALE SHT 1 SHTS 2

No.	Designation	Description	Qnty	Remark
18		Plug 2РМД33Б32Ш5В1 ГЕ0.364.126 ТУ	1	
		Materials		
		Wire БПВЛ ТУ 16-505.911-76:		
		0.5	34.65m	
		1	1.91m	
		2.5	1.26m	
		4	1.55m	
		6	0.8m	
		1.5	2.27m	
		Sleeve III ТВ-50-355, unpainted, ГОСТ 19034-73:		
24		2.5, ℓ=15	199	
25		3x0.4, ℓ=15	24	
26		3.5, ℓ=15	29	
27		4.5, ℓ=15	46	
28		5, ℓ=15	12	
29		6, ℓ=15	11	
30		10, ℓ=15	1	
31		7, ℓ=15	3	

APPROVED		675-82-Sb107		
CHECKED				
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		WIRING HARNESS	WEIGHT	SCALE
			SHT 2	SHTS 2

675-82-Sb107Sb



TECHNICAL CONDITIONS

1. Perform wire termination according to 700-88-3TT.
2. Apply bindings, 5 to 10 mm wide, on the harness and near connectors (behind the sleeves). For bindings, use cotton glossy black thread No. 00, ГОСТ 6309-80, and impregnate the thread with phenol-formaldehyde lacquer ЛБС-1, ГОСТ 901-78. The harness removed from the appliance, should hold its shape.
3. Fit one marking sleeve, containing a wire No. according to the diagram, on each wire (on wires of 0.5-mm^2 cross-section, Ref. No. on wires of 1-mm^2 cross-section, Ref. No. 25; on wires 1.5-mm^2 cross-section, Ref. No. 26; on wires of 2.5-mm^2 cross-section, Ref. No. 27; on wires of 4-mm^2 cross-section, Ref. No. 28; on wires of 6-mm^2 cross-section, Ref. No. 30) and use standard connector sleeves provided with wire No. instead of the marking sleeves from the side of plug connectors.
4. Wires Nos. 58 and 48, Nos. 92 and 93, Nos. 22 and 51, Nos. 93, 94 and 98, Nos. 45 and 78, Nos. 30 and 73, Nos. 1 and 35, Nos. 91 and 98 should be crimped by one and the same lug to fit the termination, Ref. No. 3.
5. Lay wires of 2.5-mm^2, 4-mm^2 and 6-mm^2 cross-sections at the top.
6. Solder wire МГВЭ 0,5 ТУ 16-505.911-76, ℓ=50 mm, between pins 27 and 22 of connector Ш3.
7. All sizes are given for references.

APPROVED		675-82-Sb107Sb	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	WIRING HARNESS	WEIGHT 1.085	SCALE 1:1
		SHT 1 SHTS 2	

675-82-Sb107Sb

1	2		3	4	5
63	БПВЛ 0,5	ℓ =600	700-88-сб202	700-88-сб202	
64	БПВЛ 0,5	ℓ = 260	700-88-сб202	700-88-сб202	
65	БПВЛ 0,5	ℓ =640	700-88-сб202	700-88-сб202	
66	БПВЛ 0,5	ℓ =630	700-88-сб222-06	700-88-сб202	
67	БПВЛ 0,5	ℓ =600	700-88-сб202	700-88-сб202	
68	БПВЛ 0,5	ℓ =650	700-88-сб202	700-88-сб202	
69	БПВЛ 0,5	ℓ =380	700-88-сб202	700-88-сб202	
70	БПВЛ 0,5	ℓ =150	700-88-сб202	700-88-сб202	
⑤ 71	БПВЛ 0,5	ℓ = ~~480~~ 250	700-88-~~сб202~~ сб222-02	700-88-сб202	
72	БПВЛ 0,5	ℓ = 270	700-88-сб202	700-88-сб202	
73	БПВЛ 0,5	ℓ = 420	700-88-сб202		
74	БПВЛ 1,5	ℓ = 510	700-88-сб210	700-88-сб202	
75	БПВЛ 0,5	ℓ =220	700-88-сб202	700-88-сб202	
76	БПВЛ 0,5	ℓ = 490	700-88-сб202	700-88-сб202	
77	БПВЛ 0,5	ℓ =320	700-88-сб210	700-88-сб222-04	
78	БПВЛ 0,5	ℓ =300	700-88-сб202		
⑤ 79	БПВЛ 0,5	ℓ = ~~320~~ 400	700-88-сб202	700-88-сб202	
80	БПВЛ 0,5	ℓ = 360	700-88-сб222-06	700-88-сб202	
81	БПВЛ 0,5	ℓ = 90	700-88-сб202	700-88-сб202	
82	БПВЛ 0,5	ℓ =100	700-88-сб202	700-88-сб202	
83	БПВЛ 0,5	ℓ =200	700-88-сб202	700-88-сб202	
84	БПВЛ 0,5	ℓ =100	700-88-сб202	700-88-сб202	
⑩ 116	БПВЛ 0,5	ℓ =300	700-88-сб202	700-88-сб202	
86	БПВЛ 0,5	ℓ =480	700-88-сб222-06	700-88-сб202	
87	БПВЛ 0,5	ℓ =90	700-88-сб202	700-88-сб202	
88	БПВЛ 1	ℓ =120	700-88-сб222-06	700-88-сб222-04	
89	БПВЛ 25	ℓ =180	700-88-сб222-06	700-88-сб222-06	
90	БПВЛ 0,5	ℓ =320	700-88-сб222-06	700-88-сб202	
91	БПВЛ 0,5	ℓ =470	700-88-сб202		
⑤ 92	БПВЛ 0,5	ℓ = ~~240~~ 360	700-88-сб202		
⑤ 93	БПВЛ 0,5	ℓ = ~~270~~ 380			
94	БПВЛ 0,5	ℓ =100	700-88-сб202		
95	БПВЛ 0,5	ℓ =280	700-88-сб222-06	700-88-сб222-06	
96	БПВЛ 0,5	ℓ =230	700-88-сб222-06	700-88-сб202	
97	БПВЛ 0,5	ℓ =450	700-88-сб222-05	700-88-сб202	
98	БПВЛ 0,5	ℓ =275			
99	БПВЛ 0,5	ℓ =190	700-88-сб222-05	700-88-сб202	
⑤ 100	БПВЛ 0,5	ℓ = ~~350~~ 280	700-88-сб202	700-88-сб202	
101	БПВЛ 0,5	ℓ =90	700-88-сб222-04	700-88-сб202	
102	БПВЛ 0,5	ℓ =200	700-88-сб202	700-88-сб202	
103	БПВЛ 0,5	ℓ =220	700-88-сб202	700-88-сб202	
104	БПВЛ 0,5	ℓ =120	700-88-сб202	700-88-сб222-06	
105	БПВЛ 2,5	ℓ =580	700-88-сб222-05	700-88-сб202	
④ 106	БПВЛ 0,5	ℓ =100 150	700-88-сб202	700-88-сб202	
107	БПВЛ 0,5	ℓ =240	700-88-сб202	700-88-сб202	
108	БПВЛ 0,5	ℓ = 270	700-88-сб222-06	700-88-сб202	
109	БПВЛ 0,5	ℓ = 190	700-88-сб202	700-88-сб202	
② 110	БПВЛ 0,5	ℓ = ~~360~~ 230	700-88-сб202	700-88-сб202	
111	БПВЛ 0,5	ℓ =300	700-88-сб222-07	700-88-сб202	
112	БПВЛ 0,5	ℓ =360	700-88-сб202	700-88-сб202	
113	БПВЛ 0,5	ℓ =250	700-88-сб202	700-88-сб202	
114	БПВЛ 0,5	ℓ =150	700-88-сб202	700-88-сб202	
115	БПВЛ 0,5	ℓ =250	700-88-сб202	700-88-сб202	
③① ~~116~~	~~БПВЛ 0,5~~	~~ℓ =300~~	~~700-88-сб202~~	~~700-88-сб202~~	
② 117	БПВЛ 0,5	ℓ = 90	700-88-сб222-06	700-88-сб202	
② 118	БПВЛ 0,5	ℓ = 630	700-88-сб202	700-88-сб202	
② 119	БПВЛ 0,5	ℓ = 90	700-88-сб222-06	700-88-сб202	
② 120	БПВЛ 0,5	ℓ = 90	700-88-сб222-06	700-88-сб202	
② 121	БПВЛ 0,5	ℓ = 450	700-88-сб202	700-88-сб202	
② 122	БПВЛ 0,5	ℓ = 60	700-88-сб202	700-88-сб222-04	
② 123	БПВЛ 0,5	ℓ = 100	700-88-сб202	700-88-сб202	
② 124	БПВЛ 0,5	ℓ = 380	700-88-сб202	700-88-сб202	
② 125	БПВЛ 0,5	ℓ = 480	700-88-сб222-06	700-88-сб202	
② 126	БПВЛ 0,5	ℓ = 100	700-88-сб202	700-88-сб202	
② 127	БПВЛ 0,5	ℓ = 60	700-88-сб202	700-88-сб202	
④ 147	БПВЛ 0,5	ℓ =150	700-88-сб202	700-88-сб202	
⑥ 148	БПВЛ 0,5	ℓ =560	700-88-сб202	700-88-сб202	
⑥ 149	БПВЛ 0,5	ℓ =560	700-88-сб202	700-88-сб202	
⑨ 150	БПВЛ 0,5	ℓ =600 мм	700-88-сб202	700-88-сб202	

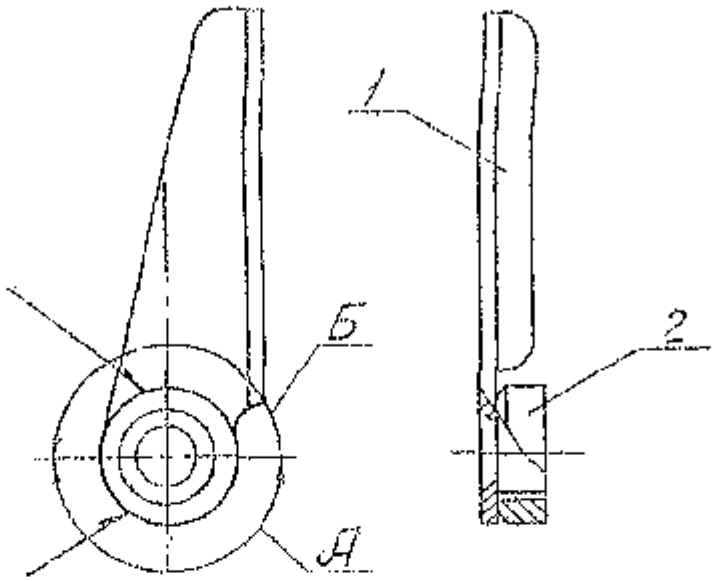
HARNESS WIRE No	WIRE DATA		TERMINATION OF WIRE ENDS		REMARKS
			1st	2nd	
1	2		3	4	5
1	БПВЛ 0,5	ℓ =590	700-88-сб202		
2	БПВЛ 0,5	ℓ =610	700-88-сб202	700-88-сб202	
3	БПВЛ 0,5	ℓ =550	700-88-сб222-06	700-88-сб202	
4	БПВЛ 1	ℓ =510	700-88-сб222-06	700-88-сб202	
5	БПВЛ 6	ℓ =100	700-88-сб222-06	700-88-сб202	
6	БПВЛ 6	ℓ =120	700-88-сб222-05	700-88-сб202	
7	БПВЛ 1,5	ℓ =360	700-88-сб202	700-88-сб202	
8	БПВЛ 4	ℓ =320	700-88-сб222-08	700-88-сб202	
9	БПВЛ 6	ℓ =580	700-88-сб222-07	700-88-сб202	
10	БПВЛ 2,5	ℓ =370	700-88-сб222-06	700-88-сб202	
11	БПВЛ 4	ℓ =470	700-88-сб222-08	700-88-сб202	
12	БПВЛ 0,5	ℓ =200	700-88-сб202	700-88-сб202	
13	БПВЛ 0,5	ℓ =100	700-88-сб202	700-88-сб202	
14	БПВЛ 0,5	ℓ =180	700-88-сб222-06	700-88-сб202	
15	БПВЛ 0,5	ℓ =220	700-88-сб202	700-88-сб202	
16	БПВЛ 0,5	ℓ =350	700-88-сб202	700-88-сб202	
17	БПВЛ 0,5	ℓ =420	700-88-сб202	700-88-сб202	
⑨ 18	БПВЛ 0,5	ℓ = ~~540~~ 160мм	700-88-сб202	700-88-сб202	
19	БПВЛ 0,5	ℓ =570	700-88-сб202	700-88-сб202	
20	БПВЛ 0,5	ℓ =630	700-88-сб202	700-88-сб202	
② ~~21~~	~~БПВЛ 0,5~~	~~ℓ =680~~	~~700-88-сб222-06~~	~~700-88-сб202~~	
22	БПВЛ 0,5	ℓ =600	700-88-сб202		
23	БПВЛ 0,5	ℓ =410	700-88-сб202	700-88-сб202	
⑤ 24	БПВЛ 1,5	ℓ = ~~420~~ 470	700-88-сб202	700-88-сб202	
25	БПВЛ 1,5	ℓ =460	700-88-сб202	700-88-сб202	
⑤② 26	БПВЛ 1,5	ℓ = ~~320~~ ~~00~~ 470	700-88-сб202	700-88-сб202	
27	БПВЛ 0,5	ℓ =360	700-88-сб202	700-88-сб202	
28	БПВЛ 0,5	ℓ =190	700-88-сб202	700-88-сб202	
29	БПВЛ 0,5	ℓ =440	700-88-сб202	700-88-сб202	
30	БПВЛ 0,5	ℓ =660	700-88-сб202		
31	БПВЛ 0,5	ℓ =220	700-88-сб202	700-88-сб202	
32	БПВЛ 0,5	ℓ =550	700-88-сб202	700-88-сб202	
33	БПВЛ 0,5	ℓ =100	700-88-сб202	700-88-сб202	
34	БПВЛ 0,5	ℓ =180	700-88-сб202	700-88-сб202	
35	БПВЛ 0,5	ℓ =270	700-88-сб202		
36	БПВЛ 0,5	ℓ =220	700-88-сб202	700-88-сб202	
37	БПВЛ 0,5	ℓ =260	700-88-сб202	700-88-сб202	
38	БПВЛ 0,5	ℓ =360	700-88-сб202		
39	БПВЛ 0,5	ℓ =230	700-88-сб202	700-88-сб202	
40	БПВЛ 0,5	ℓ =280	700-88-сб202	700-88-сб202	
41	БПВЛ 0,5	ℓ =230	700-88-сб202	700-88-сб202	
42	БПВЛ 0,5	ℓ =260	700-88-сб202	700-88-сб202	
43	БПВЛ 0,5	ℓ =330	700-88-сб202	700-88-сб202	
44	БПВЛ 0,5	ℓ =400	700-88-сб202	700-88-сб202	
45	БПВЛ 0,5	ℓ =190	700-88-сб202		
46	БПВЛ 2,5	ℓ =130	700-88-сб202	700-88-сб202	
47	БПВЛ 0,5	ℓ =230	700-88-сб222-06	700-88-сб202	
48	БПВЛ 1	ℓ =180	700-88-сб202		
49	БПВЛ 4	ℓ =460	700-88-сб222-08	700-88-сб202	
50	БПВЛ 4	ℓ =300	700-88-сб222-08	700-88-сб202	
51	БПВЛ 0,5	ℓ =190	700-88-сб202		
52	БПВЛ 0,5	ℓ =480	700-88-сб202	700-88-сб202	
53	БПВЛ 0,5	ℓ =400	700-88-сб202	700-88-сб202	
54	БПВЛ 0,5	ℓ =750	700-88-сб202	700-88-сб202	
55	БПВЛ 1	ℓ =200	700-88-сб222-06	700-88-сб202	
56	БПВЛ 1	ℓ =690	700-88-сб202	700-88-сб202	
57	БПВЛ 0,5	ℓ =690	700-88-сб202	700-88-сб202	
58	БПВЛ 1	ℓ =210	700-88-сб202		
59	БПВЛ 0,5	ℓ =180	700-88-сб202	700-88-сб202	
60	БПВЛ 0,5	ℓ =600	700-88-сб202	700-88-сб202	
61	БПВЛ 0,5	ℓ =600	700-88-сб202	700-88-сб202	
62	БПВЛ 0,5	ℓ =690	700-88-сб202	700-88-сб202	
⑪ 151	БПВЛ 0,5	ℓ =150	700-88-сб202	700-88-сб202	
152	БПВЛ 0,5	ℓ =120	700-88-сб202	700-88-сб202	

APPROVED		675-82-Sb107Sb	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	WIRING HARNESS	WEIGHT	SCALE
		SHT 2	SHTS 2

Ref No.	Designation	Description	Qty	Remarks
		List of Documents		
	675-82-c6108 CB	Assembly drawing		
		Parts		
1	675-82-21	Lever	1	
2	765-96-23	Bushing	1	

APPROVED		675-82-Sb108		
CHECKED				
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		LEVER	WEIGHT	SCALE
			SHT 1	SHTS 1

675-82-Sb108Sb



1. Permissible misalignment of the hole axis of the lever, Ref. No. 1, relative to the hole axis of the bushing, Ref. No. 2, should not exceed 0.5 mm.
2. Coating: Ц.9хр (zinc plating followed by chromate treatment, zinc coat of 9 microns thick). Internal surfaces may be free of coating.
3. On section A, welding is according to ГОСТ 14771-76 У6, and on section Б, according to ГОСТ 14771-76 Т6.
4. For the requirements to weld quality, refer to ОСТ 3-4001-77 for unestimated welded joints.

APPROVED		675-82-Sb108Sb	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		LEVER	WEIGHT: 0.0212 SCALE: 1:1 SHT 1 SHTS 1

A4

700-28-745

1. Displacement of the slot with respect to the rod of the bolt should not exceed 0,5mm. Position of the slot with respect to the bolt head is arbitrary.
2. Coating: Zinc-plated, 9 microns thick, chromatized. Remove hydrogen embrittlement.
3. * Dimension is given for reference.

Designation	Blank	Weight in kg.
700-28-745	Bolt M6x12.46. GOST 7798-70	0.0051
-01	Bolt M6x14.46. GOST 7798-70	0.0055
-02	Bolt M6x16.46 GOST 7798-70	0.0059
-03	Bolt M6x20.46 GOST 7798-70	0.0067
-04	Bolt M6x25.46 GOST 7798-70	0.0079
-05	Bolt M6x30.46 GOST 7795-70	0.0086

APPROVED	M VASU	700-28-745	
CHECKED	D.S.KUMAR		
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	BOLT	WEIGHT	SCALE
		SEE TABLE	2:1
		SHT	SHTS
	BLANK SEE THE TABLE		

A4

700-28-746

1. Displacement of slot with respect to rod of bolt should not exceed 0.5 mm.
   Position of slot with respect to bolt head is arbitrary.

2. Coating: Zinc-plated, 9 microns thick, chromatized.
   Remove hydrogen embrittlement.

D.S.CAT. PART NO.	DESIGNATION		MASS, Kg.	
	Only designation is given for Reference.			
LV2/RCV-5305-0149[illegible]	700-28-746	Bolt M8x16.46 GOST 7796-70	0.0106	A
LV2/RCV 5305-014955	-01	Bolt M8x20.46 GOST 7796-70	0.0121	A
	-02	Bolt M8x25.46 GOST 7796-70	0.0139	
	-03	Bolt M8x30.46 GOST 7796-70	0.0159	
	-04			
	-05	Bolt M8x40.46 GOST 7796-70	0.0188	

DC(I)No. & DATE	ISSUE	AMENDMENTS
	B	NOMENCLATURE WAS 'SCREW SET,'AGAIN CHANGED AS.BOLT'
00444-ICV 23 JUN 94	A	a)DS CAT PART No. ADDED. b)NOMENCLATURE WAS 'BOLT'

APPROVED	M VASU	700-28-746
CHECKED		

CONTROLLERATE OF QUALITY ASSURANCE (ICV)

BOLT (B) (A)

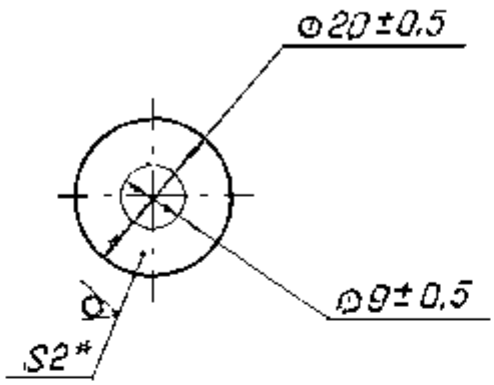
BLANK (SEE ABOVE)

WEIGHT	SCALE
SEE TABLE	2:1
SHT	SHTS

A4

700-31-698

Rz320



1. Displacement of axis hole from true position should not exceed 1 mm.

2. Dimension with (*) is given for reference

00000-ICV 00-00-0000	A CDM	NOTE FOR EQUIVALENT EQ. MATERIAL ADDED.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED	H VASU	700-31-698
CHECKED		

CONTROLLERATE OF QUALITY ASSURANCE (ICV)

GASKET

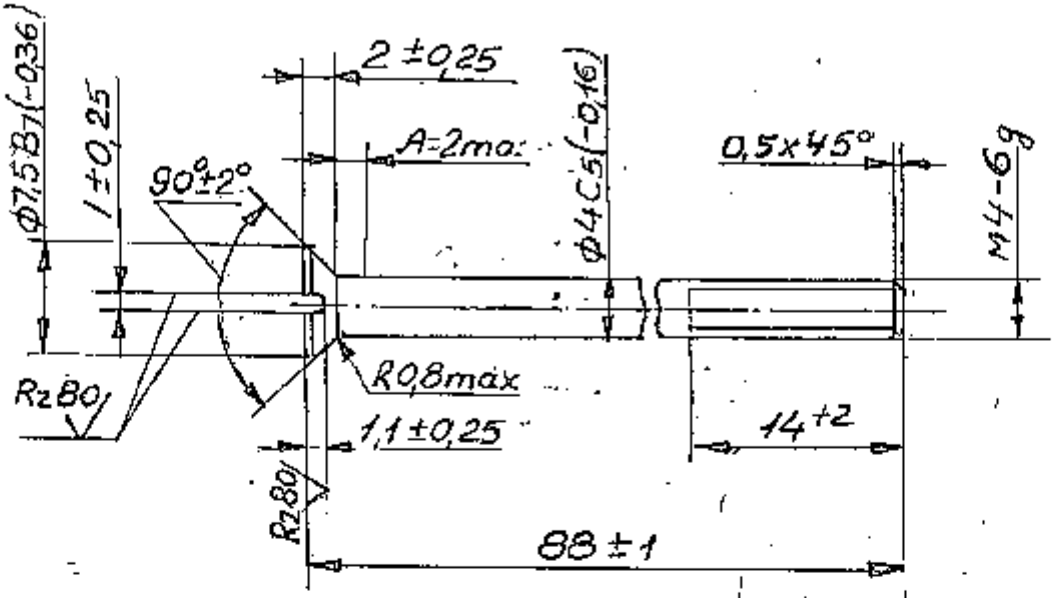
SHEET ΔnPHM 2.0 C3 GOST 9559-75

WEIGHT	SCALE
0.006	1:1

SHT SHTS

A4

700-35-349



1). Alternate material is steel cm5, GOST 380-71 and 25, 30, 35, 40 GOST 1050-74.

2). A step not exceeding 0.05mm is allowed on section A.

3). Coating: Zinc-plating, 6 microns thick, chromatizing. Remove hydrogin embrittlement.

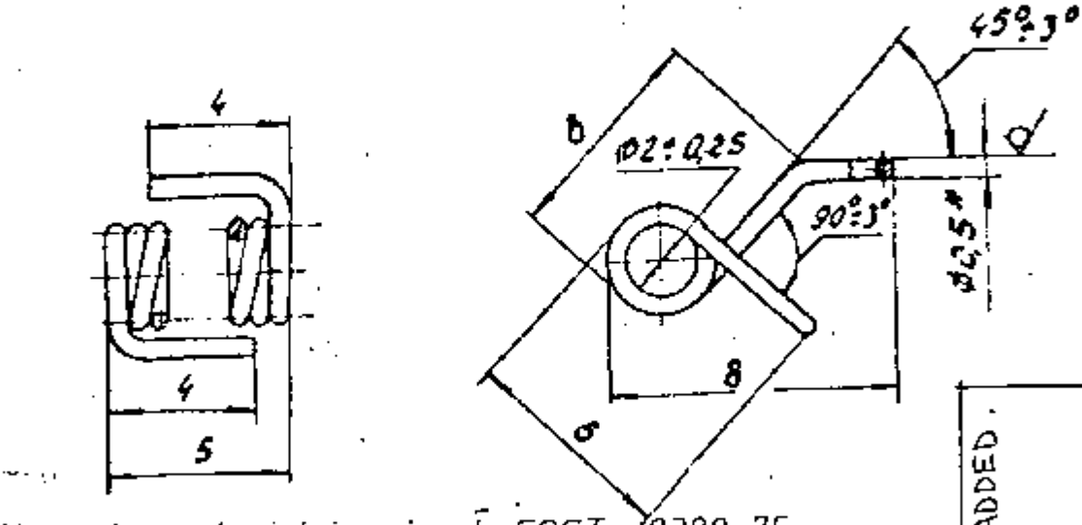
Ⓐ EQ. MATERIAL :- STEEL C45, C20, C30 TO IS: 1570

01071-ICV	Ⓑ	DS. CAT No. LV2/ICVS-5305-093662 ADDED AND NOMENCLATURE 'SCREW' AMENDED AS 'SCREW SHOULDER'
748 ICV V. Rao	Ⓐ	EQ. MATERIAL ADDED.
DC(3) No DATE	ISSUE	NATURE OF AMENDMENT

APPROVED	M VASU	700-35-349	DS. CAT No. LV2/ICVS-5305 093662 Ⓑ
CHECKED		SCREW SHOULDER Ⓑ SCREW	WEIGHT 0.006Kg; SCALE 2:1; SHT; SHTS
CONTROLLERATE OF INSPECTION (ICV)		Steel 45, GOST 1050-74	82

700-38-1053

R2 320 V (2)



00769 ICV	(A)	EQ. MATERIAL ADDED.	
V. Ramesh 27.3.2000			
DESIGNED DATE	ISSUE	NATURE OF AMENDMENTS	

1). Alternate material is wire I, GOST 9389-75.

2). Total length of spring is L*=90 mm.

3). Number of working coils n=10.

4). Direction of winding - arbitrary.

5). Unspecified limit deviations of dimensions are ±10mm.

6). Unspecified radii are R1.

7). * Dimension is given for reference.

8). Coating: Chemically parkierized, accelerated, chromatized, impregnated, with preservation oil K-17 GOST 10877-76, as per Instructions 053.25289.00002 or with varnish KO-815, GOST 11066-74.

EQ. MATL: (A) STEEL WIRE GRADE-3 OR 4 TO IS: 4454-70

184 g 332

APPROVED	M VASU	700-38-1053	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)	SPRING	WEIGHT 0.0024	SCALE 5:1
		SHT	SHTS
	Wire II-0.5 GOST 9389-75		82

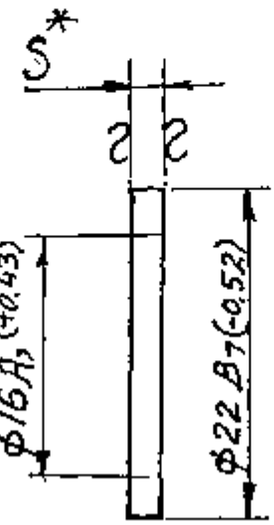
700-40-204

1). Displacement of axes of holes with respect to the axes of part should not exceed 1.5mm.

2). * Dimension is given for reference.

APPROVED	M VASU	700-40-204	
CHECKED			
CONTRULLERATE OF INSPECTION (ICV)		GASKET	WEIGHT: 0,009 SCALE: 2:1
		Sheet ANPHM 1.0 C3 GOST 9559-75	SHT 1 SHTS 1
			82

700-40-248



1). * Dimension is given for reference.

EQ MATL:-

Ⓐ Al. ALLOY SHEET GRADE 19500 TO IS: 737-74.

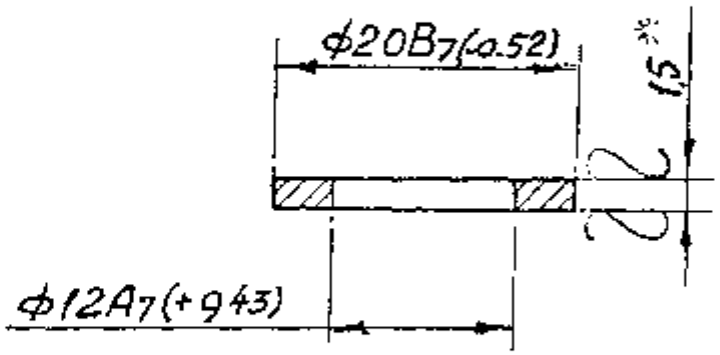
DCC NO	ISSUE	NATURE OF AMENDMENTS
00769-IQV V. Ramesh 27.3.2000	Ⓐ	EQ. MATERIAL ADDED.

Designation.	S*	Mass, kg
700-40-248	2	0,0011
-01	1,5	0,0009.

APPROVED	N VASU	700-40-248	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)	GASKET	WEIGHT: See Table	SCALE: 2:1
		SHT: SHTS	
	Sheet A A1M-5 GOST 21631-76		82

700-40-254

(A)



1). Notches and nicks are not allowed on the butt-end surface.

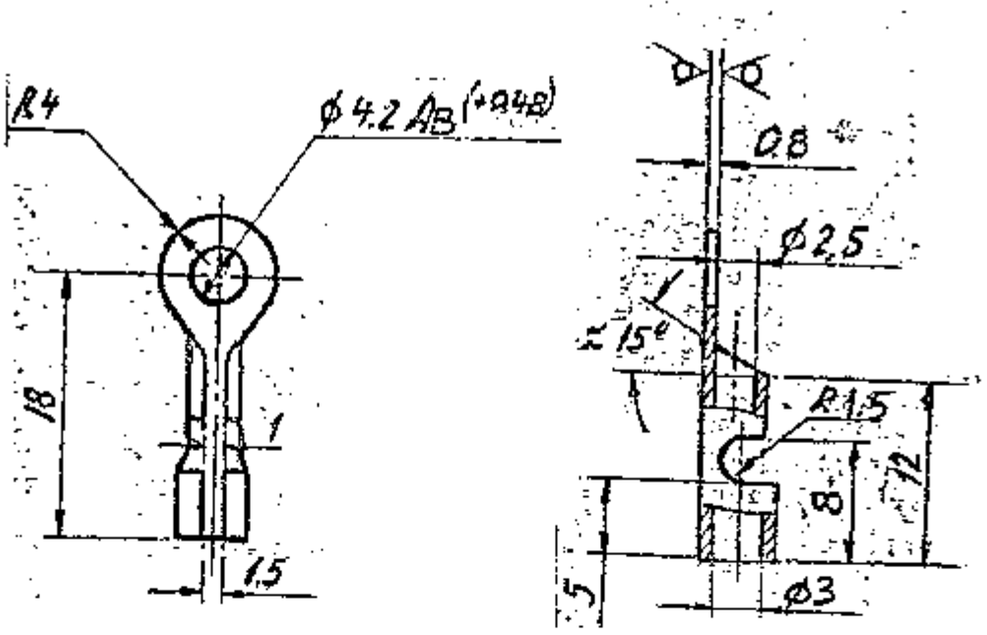
2). * Dimension is given for references.

(A) EQ. MATERIAL:- Al. ALLOY SHEET GRADE 19500 TO IS:737-74

00993-ICV 12-04-05	(B)	DS CAT NO ADDED
00769 -ICV J. Rao 27-03-2006	(A)	EQ MATERIAL ADDED.
DESIGN DATE	ISSUE	NATURE OF AMENDMENT

APPROVED		M VASU	(B) 700-40-254
CHECKED			DS CAT No: L-V2 RCV 5330-015339
CONTROLLERATE OF INSPECTION (ICV)	GASKET	WEIGHT 0.0008	SCALE 2:1
		SHT	SHTS
	Sheet A AIM-1-5 GOST 21631-76		82

765-82-cd306 | 4 | 4



1) Alternate material is sheet ДпрХМ-Л68М GOST 931-78
2) Unspecified limit deviations of dimensions should be ±0.5 mm
3) Unspecified radii should be R1
4) Coating 20P, noc, 40, GOST 21930-76. OR Ⓐ SOFT SOLDER Sn 40 TO IS: 193-82.
5) * Dimension is given for references

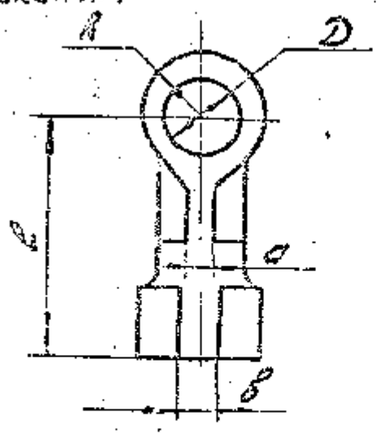
Ⓐ EQ. MATL:- BRASS SHEET Cu Zn 37 OR Cu Zn 30 TO IS: 410-77.

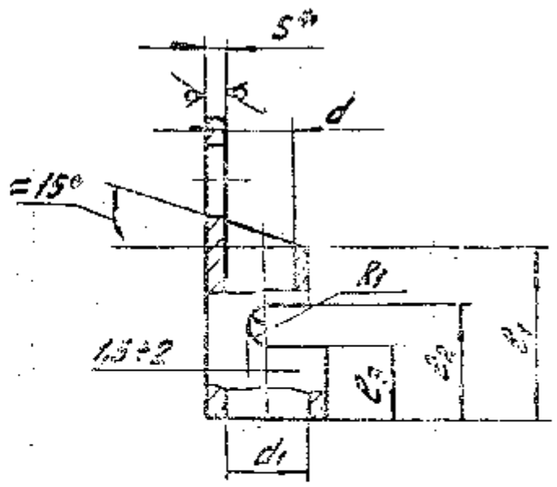
DCN No. DATE	ISSUE	NATURE OF AMENDMENT
00769 -ICV V. Rao 27-03-2000	Ⓐ	EQ. MATERIAL ADDED.

APPROVED	H VASU	700 - 74 - 104
CHECKED		
CONTROLLERATE OF INSPECTION IICMR	END - PIECE	WEIGHT: 0.001 SCALE: 2:1
	SHEET ДпРхМ-0.8Л63М GOST 931-78	SHT 316 SHTS

700-74-118

Дубликат





TECHNICAL CONDITIONS

1. Substitute for material - sheet Л68М ГОСТ 931-70.
2. Limit deviations of sizes are - ±0.5 mm.
3. Unspecified radii - 1 mm, maximum.
4. Coating: hot-dip ч ГОС-40 ГОСТ 21930-76. (A) OR SOFT SOLDER Sn 40 TO IS:193-82
5. *Size is given for reference.
6. Substitute for material - band ЛПРНМ Л63 ГОСТ 2208-75.

(A) EQ.MATERIAL:- BRASS SHEET CuZn37 OR CuZn30 TO IS:3410-77

*(2)

*(1) Обозначение (4)	* * Размеры, мм d (5)		d (6)		D (7)		(8) (9)	A	a	b	c	c_1	c_2	c_3	R_1	(10) S		* (11) Масса, кг (3) *
	Ном	Откл	Ном	Откл	Ном	Откл										Ном	Откл	
700-74-118	1,5		3	+0,6	3,2			3	0,5	1	13	9	6	4	1	0,8	-0,1	0,0004
-01	1,5		3		5,3	+0,18		5	0,5	1	13	9	6	4	1	0,8	-0,1	0,0004
-02	2,5	+0,6	5		7,2			7	1	1,5	19	9	5	4	1	0,8	-0,1	0,0005
-03	2,5		4	+0,75	7	+0,58		7	1	2	23	14	8	4	2	1	-0,12	0,003
-04	3		5		4,2			4	1	1,5	18	12	8	5	1,5	0,8	-0,1	0,001
-05	4	+0,75	6		5,3	+0,48		5	1	2	23	15	10	6	2	1	-0,12	0,002
-06	5		8		4,2			5	1	2	23	12	8	5	1,5	0,8	-0,1	0,001
-07	5		8	+0,9	5,3			5	1,5	2	23	15	9	5	2	1	-0,12	0,0025
-08	2,5	+0,6	3	+0,5	4,2			4	1	1,5	18	12	8	5	1,5	0,8	-0,1	0,001
-09	2,5		4	+0,75	5,2			5	1	2	23	14	10	6	2	1	-0,12	0,002
(4) -10	4	+0,75	6	+0,75	4,2	+0,3		4	1	2	18	12	8	5	1,5	0,8	-0,1	0,001

*(1) Designation
*(2) Size, mm
*(3) Mass, kg
*(4) nominal
*(5) deviation
*(6) nominal
*(7) deviation
*(8) nominal
*(9) deviation
*(10) nominal
*(11) deviation

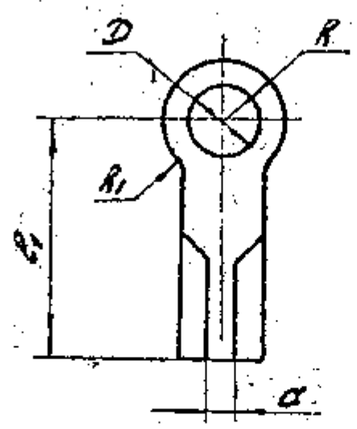
00769-ICV	(A)	EQ.MATERIAL ADDED.
V. Rao 27.03.2000		
DC(I)NO DATE	ISSUE	NATURE OF AMENDMENTS

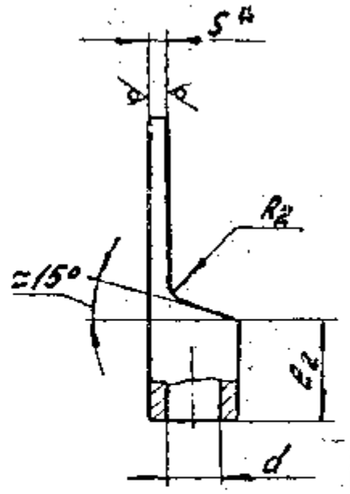
APPROVED		700-74-118	37 of 77
CHECKED	P.K.SETH.		
CONTROLLERATE OF INSPECTION (ICV)		LUG	WEIGHT: See table / SCALE:
		Sheet Л63М GOST 931-70	DRT 86

Перв. примен. | Справ. № | Подп. и дата | Инв. № подл.

611-74-002

Дубликат №1





(1)* Обозначение	(2)* Размеры, мм												(3)* Масса, кг
	(4)d	(5)	(6)D	(7)	l_1	R	l_2	R_1	R_2	a	(8)S	(9)	
	Ном	Откл	Ном	Откл							Ном	Откл	
700-74-119	3		3,5		11	4	4	1	2	1	1		0,001
-01	3	+0,6	4,5	+0,48	17	5	7	2	2	1	1		0,0015
-02	3		5,5		17	5	7	2	2	1	1	-0,12	0,0015
-03	3		10,5	+0,7	22	10	7	2	2	1	1		0,003
-04	3		12,5		22	10	7	2	2	1	1		0,003
-05	4		6,5		24	7	12	2	2	1	1		0,005
-06	4		8,5	+0,58	24	7	12	2	2	1	1		0,005
-07	5	+0,75	6,5		24	7	12	2	2	1	1,5	-0,15	0,005
-08	5		10,5		37	12	12	2	2	1	1,5		0,01
-09	5		12,5	+0,7	37	12	12	2	2	1	1,5		0,01
-10	6		5,5	+0,48	24	7	12	4	2	4	1		0,004
-11	6		12,5	+0,7	30	11	12	4	2	4	1	-0,12	0,007
-12	8		6,5		28	8	12	4	2	4	2		0,01
-13	8		8,5	+0,58	25	9	12	2	2	2	2		0,003
-14	8		10,5	+0,7	25	9	12	2	2	2	2	-0,18	0,009
-15	9,5	+0,9	8,5	+0,58	37	12	18	2	2	2	2		0,01
-16	9,5		10,5		37	12	18	2	2	2	2		0,01
-17	9,5		12,5		37	12	18	2	2	2	2		0,01
-18	11	+1,1	12,5	+0,7	37	12	18	2	2	2	2		0,01
-19	13,5		10,5		58	14	28	2	2	2	2		0,06
-20	14,5		12,5		58	14	28	2	2	2	2		0,06

TECHNICAL CONDITIONS

1. Substitute for material - sheet Л68М ГОСТ 931-70.
2. Limit deviations of sizes - ±0.5 mm.
3. Unspecified radii - 1 mm, maximum.
4. Coating: hot-dip Ч ПОС-40 ГОСТ 21930-76.
5. *Size is given for reference.

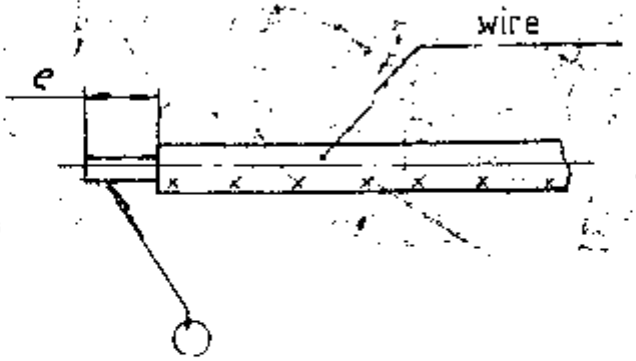
1К. Substitute for material - band ДПРНМ Л63 ГОСТ 2208-75.

* (1) Designation
* (2) Size, mm
* (3) Mass, kg
* (4) nominal
* (5) deviation
* (6) nominal
* (7) deviation
* (8) nominal
* (9) deviation

APPROVED		700-74-119	
CHECKED	P.K.SETH		
CONTROLLERATE OF INSPECTION (ICV)		LUG	WEIGHT: See table; SCALE:
		Sheet Л63М GOST 931-70	SHT: 97; SHTS: 260-270

Инв.№ подл. | Подп. и дата | Взам. инв.№ | Инв.№ дубл. | Подп. и дата

[redacted] 700-88-cδ 202



1. Carryout wire termination as per 700-88-3TT.
2. Place order for wire as per specificationsof GROUPS WHEREIN THE GIVEN ASSIMBLY IS USED

Designation	Size, mm ℓ			Remarks
700-88-cδ202	7			
-01	10			

NATURE OF AMENDMENT	ISSUE	DCN No. DATE
EQ. MATERIAL ADDED.	(A)	00769 ICV 27-3-2000
Sn 40 Sb TO IS:193-82 ADDED AS EQ. MATERIAL	(B)	00802 ICV 8-2-2000

Format	Zone	Ref. no.	DESIGNATION	DESCRIPTION	QTY.	REMARKS
				Material		
				Solder ποc 40		
				GOST 2030-76		

(A) EQ. MATL:- SOFT SOLDER Sn 40 TO IS: 193-82.

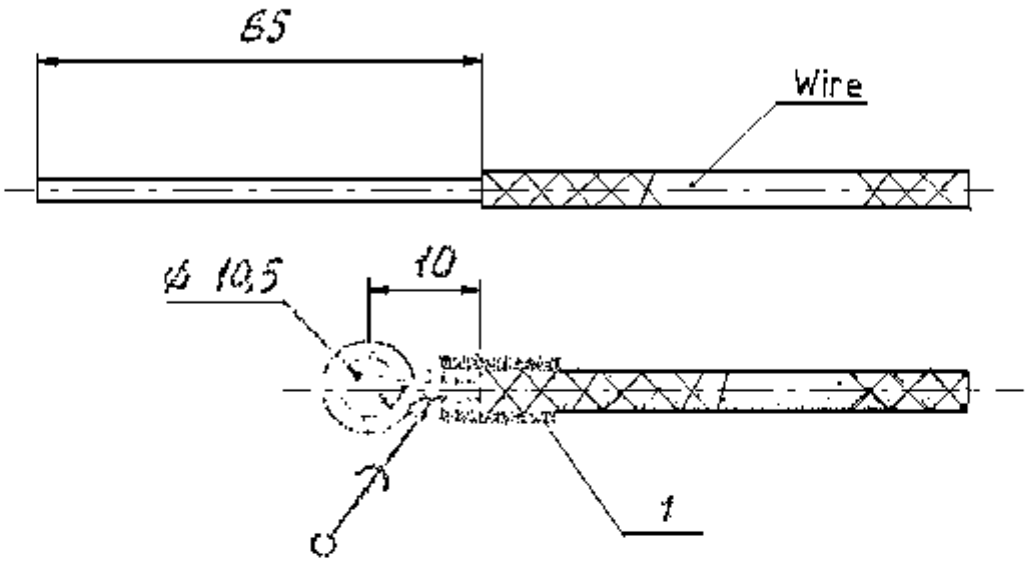
(B) EQ. MATERIAL:- Sn 40 Sb TO IS:193-82

APPROVED	M. VASU	700-88-cδ 202 6	
CHECKED	V. D. PATHAK		
CONTROLLERATE OF INSPECTION (ICV)		WIRE TERMINATION	WEIGHT / SCALE
			SHEETS 16 of 28

Format	Zone	Ref No.	Designation	Description	Qty	Remarks
				Documents		
11			700-88-cb210cb	Assembly Drawing		
11			700-88-3TT	Technical Requirements		
				for preparation of and		
				wiring of electrical wires		
				and cable units		
				MATERIALS		
				Solder no C-40		
				GOST 21930-76		
				Unpainted Tube		
				TB-50-355-4.5		
				GOST 19034-73, t=1.5	1	

APPROVED	VASU	700-88-Sb210	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		TERMINATION OF WIRES	WEIGHT: SCALE: SHT SHTS

Duplicate No.1



Termination.

1). ~~Termation~~ of wire is carried out as per 700-88-3TT.

2). Wire is ordered as per part list: of groups, in which given assembly is used.

3).

APPROVED	M VASU	700-88-Sb210Sb	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		TERMINATION OF WIRE	WEIGHT SCALE 0.001 SHT SHTS

FORMAT	ZONE	REF. NO.	DESIGNATION.	DESCRIPTION.	QTY	REMARKS
				Document.		
	"B"		700-88-cd222cb	Assembly drawing.		
			700-88-3TT	Technical requirements for manufacture and wiring of electrical wires and cable units.		
				Materials.		
				Solder ПОС40 GOST 21930-76.		

APPROVED		700-88-cd 222
CHECKED		
OBLITERATE OF INSPECTION (CV)	TERMINATION OF WIRE	SIZE A2
		SHT 1 SHTS 5
		92 of 332

FORMAT	ZONE	REF. NO.	DESIGNATION.	DESCRIPTION.	QTY	REMARKS
			Variable data for modification			
				700-88-cδ222		
		1.	700-74-118	Terminal	1	
		2		Material.		
				Unpainted pipe III TB-50-355		
				-3.5 GOST 19034-73; ℓ=15	1	
				700-88-cδ222-01		
				Parts.		
		1	700-74-104	~~Terminal~~ END PIECE	1	REF. DC(I) 00975-ICV
		2		Materials		
				Unpainted pipe III TB-50-355-		
				3.5 GOST 19034-73, ℓ=20	1	
				700-88-cδ222-02		
				Parts.		
		1.	700-74-119-01	Terminal	1	

APPROVED M VASI

CHECKED H.M. Shaikh

CONTROLLERATE OF INSPECTION (ICV)

700-88-cδ222 93 OF 332

TERMINATION OF WIRE

WGT. SCALE

SHT 2 SHTS 5

FORMAT	ZONE	REF. NO.	DESIGNATION.	DESCRIPTION.	QTY	REMARKS
		2.		Materials.		
				Unpainted ~~ЭУБ~~ pipe III-TB-		
				50-355-5 GOST 19034-73		
				β=15.	1	
				70)-88-сб222-03		
				Parts.		
		1.	700-74-119	Terminal	1	
		2		Materials.		
				Unpainted pipe III TB-50-		
				35)-3,5 GOST 19034-73		
				β=15	1	
				70-88-сб222-04		
				Parts.		
		1.	700-74-118	Terminal	1	
		2.		Material		
		2		Unpainted pipe III TB-		
				50-355-4.5 GOST 19034-73	1	
				β=30.		

APPROVED

CONTROLLERATE OF INSPECTION (ICV)

700-88-сб 222

TERMINATION OF WIRE

DESIGN | STAGE

SHT 3 SHTS 5

94 OF 332

82

FORMAT	ZONE	REF. NO.	DESIGNATION.	DESCRIPTION.	QTY	REMARKS
				700-88-cδ222-05		
				Parts.		
		1.	700-77-104	Terminal	1	
		2.		Materials.		
				Unpainted pipe III TB-50-		
				355-4,5 GOST 19034-73		
				ℓ=30	1	
				700-88-cδ222-06.		
				Parts.		
		1	700-74-119-01	Terminal	1	
		2		Materials		
				Unpainted pipe III TB-50-		
				355-4.5 GOST 19034-73		
				ℓ=30.	1	

APPROVED

CHECKED H. M. Shaikh

CONTROLLERATE OF INSPECTION (ICV)

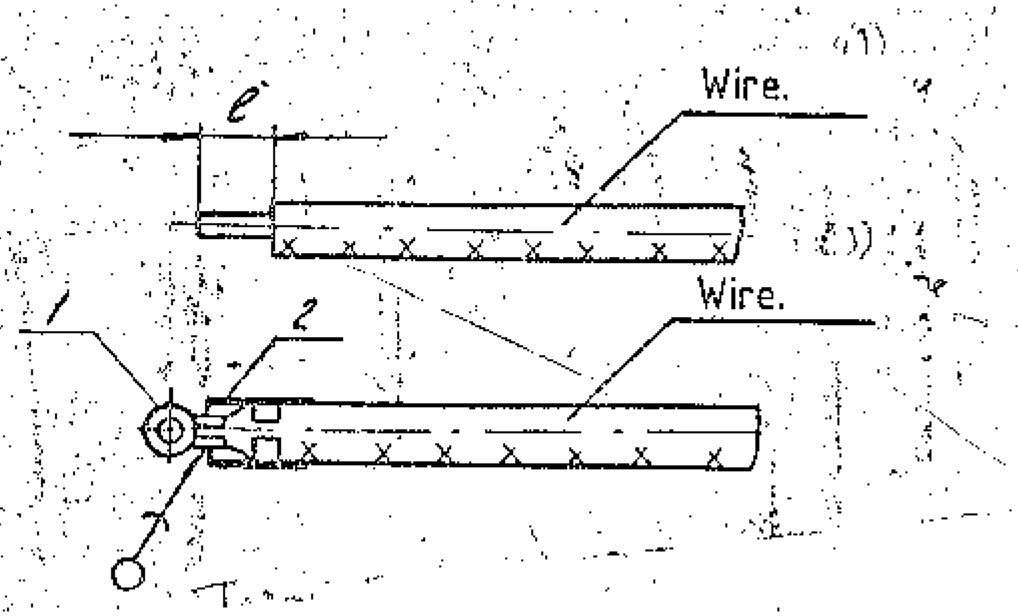
700-8E-cδ222 95 OF 332

TERMINATION OF WIRE

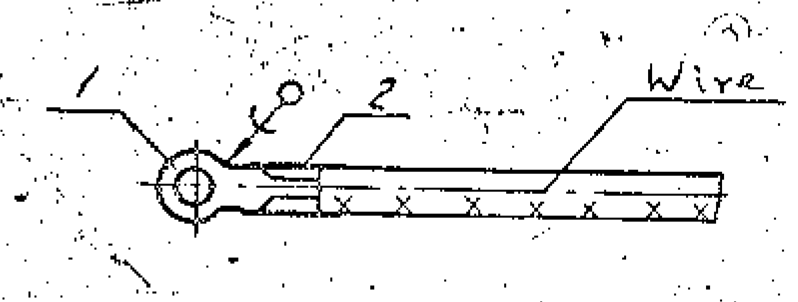
SHEET 4 OF 5

FORMAT	ZONE	REF. NO.	DESIGNATION.	DESCRIPTION.	QTY	REMARKS
				700-88-cδ222-07		
				Parts.		
		1	700-74-119-01	Terminal	1	
				Materials.		
		2		Unpainted ~~PVC~~ pipe III TB-50-355-6 GOST 19034-73		
				℄=30	1	
				700-88-cδ222-08		
				Parts.		
		1	700-74-119-02	Terminal	1	
				Materials.		
		2		Unpainted pipe III TB-50-355-5 GOST 19034-73		
				℄=30	1	

APPROVED	H. YASU	70C-88-cδ222	96 of 382
CHECKED	H.M. Shaikh		
CONTROLLERATE OF INSPECTION (ICV)		TERMINATION OF WIRE	WEIGHT / SCALE / SHT 5 SHTS 5



Termination during use of Terminal H2K.



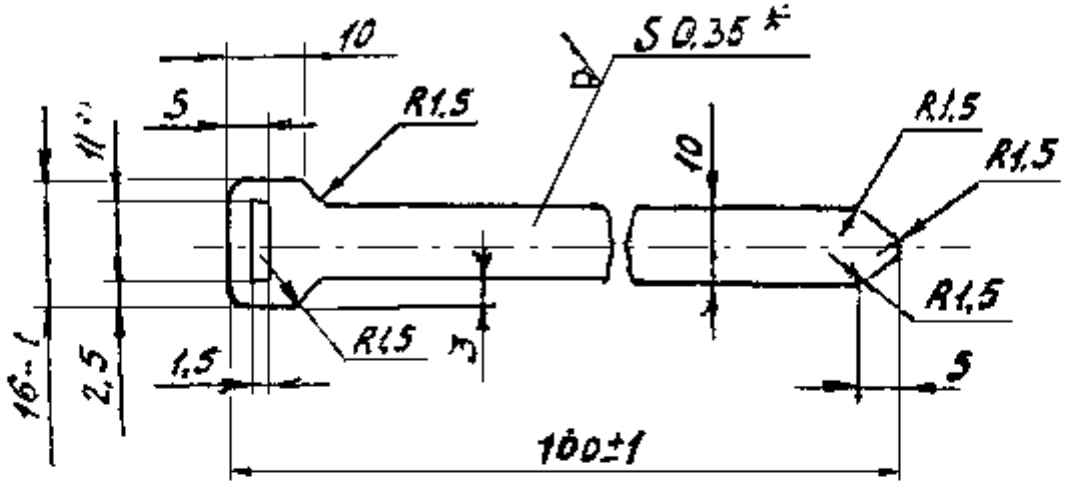
1. Termination of wire is carried out as per 700-88-3TT.
2. Wire is ordered as per part lists of groups in which given assembly is used.
3. *Position - for reference.

Designation.	Positions 1*	Positions 2*	Dimension mm e	Weight KG	Type	Remarks
	Terminal.	Unexpanded PVC-pipe III TB - 50 - 355 GOST 19034-72.				
700-88-c6222c6	700-74-118	3,5 ℓ=15	5	0,0016		
-01	700-74-104	3,5 ℓ=20	10	0,0035		
-02	700-74-119-01	5 ℓ=15	8	0,0045		
-03	700-74-119-02	3,5 ℓ=15	8	0,003		
-04	700-74-118	4,5 ℓ=30	5	0,001		
-05	700-74-104	4,5 ℓ=30	10	0,0015		
-06	700-74-119-01	4,5 ℓ=30	8	0,002		
-07	700-74-119-01	6 ℓ=30	8	0,0021		
-08	700-74-119-02	5 ℓ=30	8	0,002		

APPROVED	N VASU	700-88-c6222c6		
CHECKED		TERMINATION OF WIRES. ASSY., DRG	WEIGHT	SCALE
CONTROLLERATE OF INSPECTION (ICV)			SHT	SHTS
			97 OF 332	82

701-01-64

R_z 320



1). Alternate material is tin, white N40ГГЖР, GOST 17718-72 and N32ГЖ Р-1, GOST 15580-70.

2). Unspecified limit deviations of dimensions are ±0.5mm.

3). * Dimension is given for reference.

APPROVED	M. YASU	701-01-64	
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		CLAMP	WEIGHT 0.0042 SCALE 1:1
			SHT SHTS
		Tin, White N 361 XP-I GOST 15580-70	

A4

703-80-142

R.320

1. Alternate material is M3 GOST 859-78.
2. Unspecified limit deviations of dimensions are ±0,5mm.
3. Coating: 09.
4. * Dimension is given for reference.

Ⓐ EQ.MATERIAL :- COPPER SHEET ETP TO Is: 1972-77.
OR
FRTP-1 TO Is: 2501-72

DC(I)No. & DATE	ISSUE	AMENDMENTS
00769-ICV 27-03-2000	Ⓐ	EQ. MATERIAL ADDED.

APPROVED	M VASU	703-80-142
CHECKED		
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	TIE	WEIGHT SCALE 0.0004 2:1
	SHEET MIM 0.5, GOST 495-77	SHT 1 SHTS 1

A4

730-80-23

Ra 80

1. Alternate material is sheet Л 68 0,5, GOST 931-78. and sheet Д 16АМ 0.5, GOST 21631-76.
2. Displacement of axes of holes should not exceed 0,5 mm from their true position
3. Coat the face side with varnish пФ-203, GOST 5470-75.
4. Apply the inscription in non-sloping type.
5. The leak ground is to be dark-colour, inscription and edging should correspond to the colour of the metal
6. Representation of inscription should be clear, legible and clearly outstand on the background of instruction plate. The background should not be washed out with water oil or diesel fuel,
7. *Dimension is given for reference

(A) EQ MATERIAL :- BRASS SHEET CuZn 37 OR CuZn 30 TO IS: 410-77
CLADDED ALUMINIUM ALLOY GRADE 24530 TO IS: 8560-77.

00975-IC 09-04	(B)	IN TITLE BLOCK, NOMENCATURE "INSCRIPTION PLATE" WAS INSTRUCTION PLATE.
00769 - ICV 27-03-200	(A)	EQ.MATERIAL ADDED.
DC(E)NO DATE	ISSUE	NATURE OF AMENDMENT

APPROVED M VASU
CHECKED

730-80-23

CONTROLLERATE OF QUALITY ASSURANCE (ICV)

(B)
INSCRIPTION PLATE

SHEET Д ПРХМ-0.5Л63М
GOST 931-78

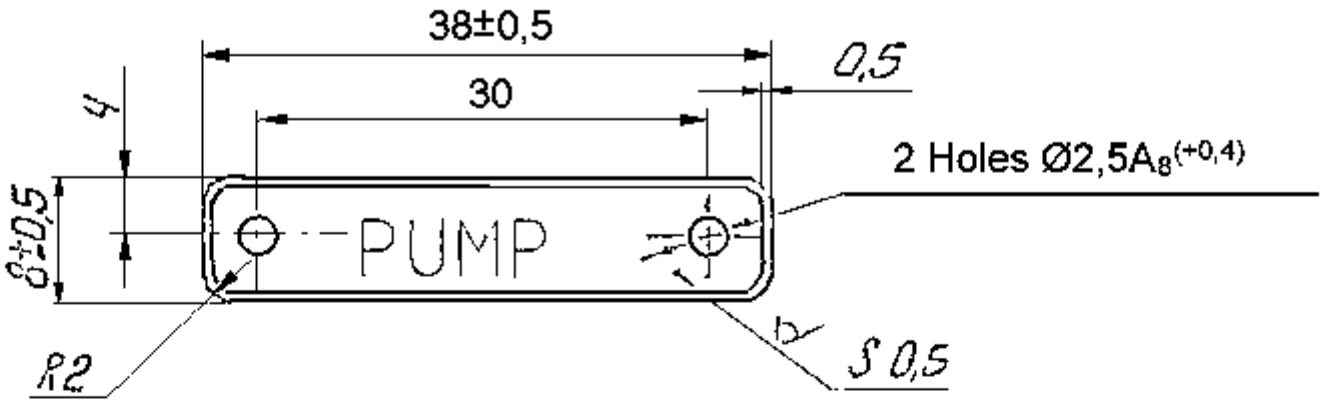
WEIGHT	SCALE
0.0013	2:1

SHT 1 SHTS 1

A4

730-80-240

Rz.80 √(√)



1. Alternate material is sheet AnPXM-0.5 ГОСТ 68, GOST 931-78, and sheet АД16АМ 0.5, GOST 21631-76.
2. Displacement of axes of holes should not exceed 0,5mm from their true position.
3. Coat the face side with varnish nФ-283, GOST 5470-75
4. Apply the inscription in the non-sloping type.
5. The background is to be dark-colour, inscription and edging should correspond to the colour of the metal.
6. Representation of inscription should be clear, legible and clearly outstand on the background of instruction plate. The background should not be washed out with water, oil or diesel fuel.
7. * Dimension is given for reference.

Ⓐ EQ. MATERIAL :- BRASS SHEET CuZn 37 OR CuZn 30 TO IS: 410-77
OR
CLADDED ALUMINIUM ALLOY GRADE 24530 TO IS: 8560-77.

DC(I)No. & DATE	ISSUE	AMENDMENTS	DC(I)No. & DATE	ISSUE	AMENDMENTS
00975-ICV 17 SEP 04	Ⓑ	IN TITLE BLOCK, NOMENCLATURE" INSCRIPTION PLATE' WAS " INSTRUCTION PLATE"	00769-ICV 27 MAR 2000	Ⓐ	EQ. MATERIAL ADDED.

APPROVED R VASU
CHECKED

730-80-240

CONTROLLERATE OF QUALITY ASSURANCE (ICV)

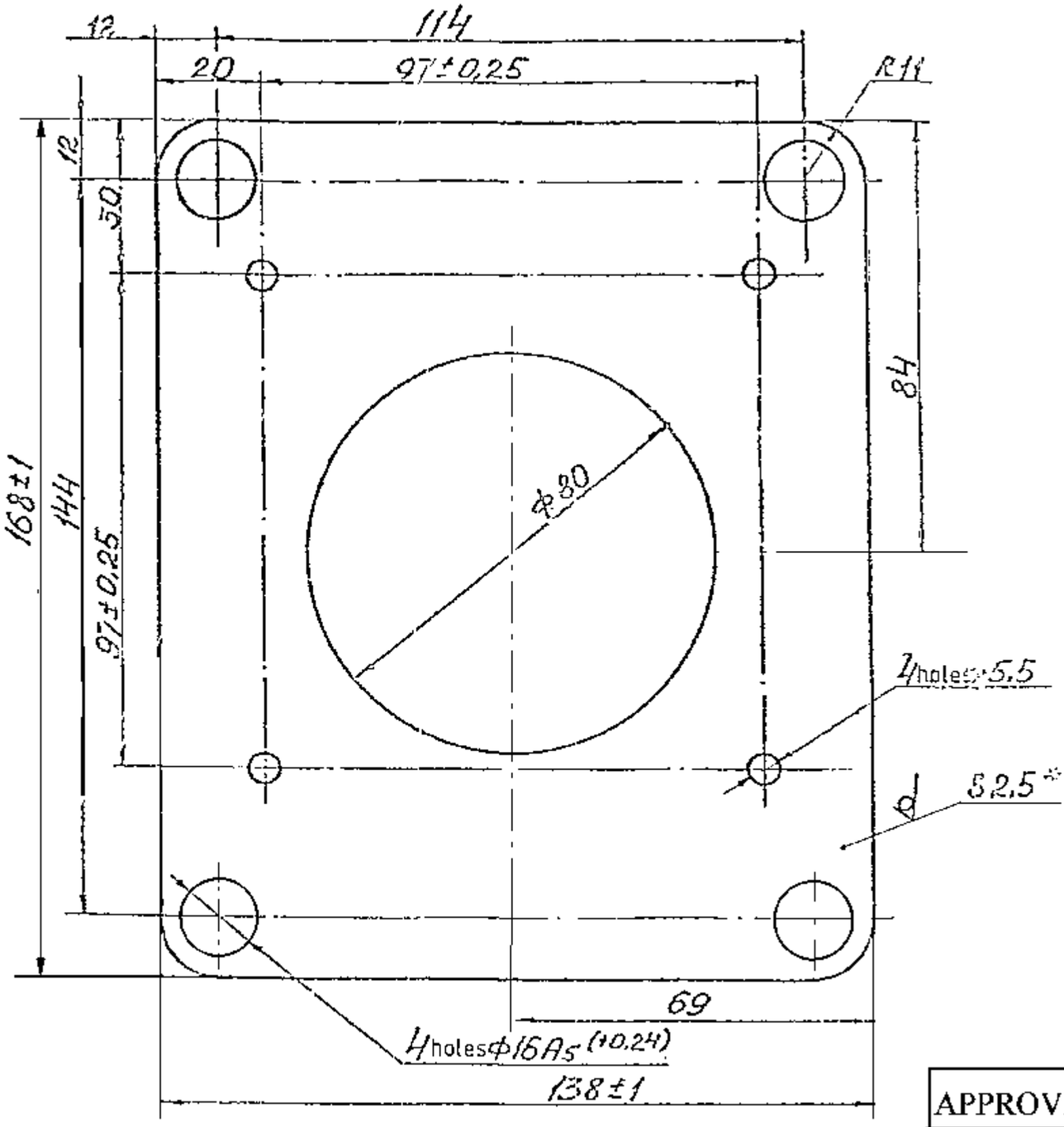
Ⓑ INSCRIPTION PLATE

Sheet AnPXM-0-5163, GOST 931-78

	WEIGHT	SCALE
	0,0013	2:1
SHT	SHTS	

A4

Rz160 ▽ (▽)



1 Alternate material is steel Cm2,Cm3,Cm5, GOST 380-71 and steel 15,20,25 and 30, GOST 1050-74
2 Unspecified limit deviations of dimensions are ±0,5mm
3 Coating Zinc-plating, 9 microns thick, chromatizing
Remove hydrogen embrittlement Cadmium-plating, 9 microns thick, chromatizing are permitted
4 * Dimension is given for reference

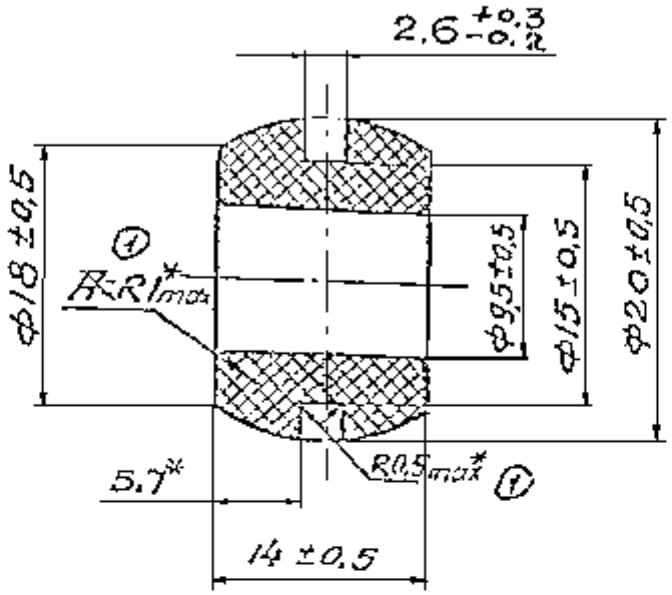
Ⓐ EQ MATERIAL:- STEEL SHEET GRADE D/DD TO IS: 1079

DC(I)No. & DATE	ISSUE	AMENDMENTS
00769-ICV 27 MAR 08	Ⓐ	EQ. MATERIAL ADDED.

APPROVED		730-80-270	
CHECKED			WEIGHT: 0,37 SCALE: 1:1
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		BASE	SHT 1 SHTS 1
		SHEET 2.5 GOST 19903-74 / 4-II-10 GOST 16523-70	

A3

730-95-40



1. Dimensions are provided with tool.
2. Mark on the tag.
3. Other requirements are as per Technical specifications TY 005216-75, for articles of code 253220.

Ⓐ NATURAL RUBBAR TYPE-A, GRADE-2 TO IS : 5192-75

00769-ICV v-Ramesh 27 MAR 2000	Ⓐ	EQ. MATERIAL ADDED.
DC(I)No. & DATE	ISSUE	AMENDMENTS

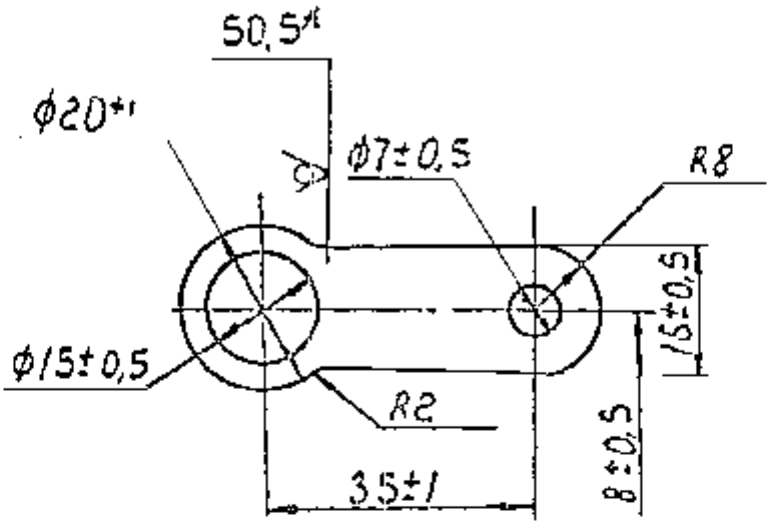
APPROVED	M VASU	730-95-40
CHECKED		

CONTROLLERATE OF QUALITY ASSURANCE (ICV)	SHOCK ABSORBER	WEIGHT	SCALE
		0.006	2:1
		SHT	SHTS
	Rubber 1847 Technical Specifications 005216-75		

A4

730-95-42

Ra 320 (V)



1 Coating 09 microns thick
2 * Dimension is given for reference

EQ MATL:—
(A) BRASS SHEET CU Zn 37 TO IS: 410-77

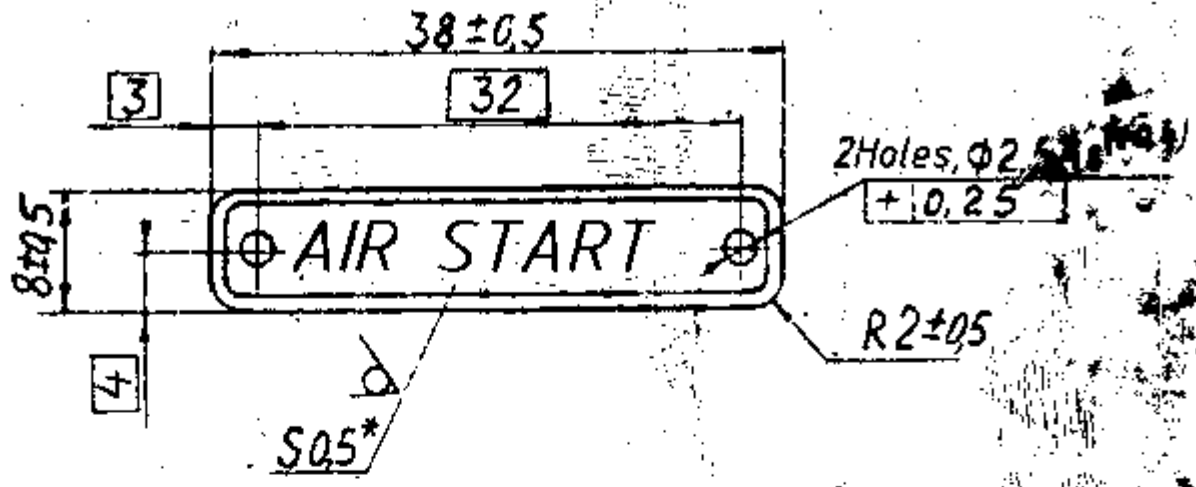
00769-ICV 27 MAR 2000	(A)	EQ. MATERIAL ADDED.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED	H VASU	730-95-42
CHECKED		
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	CONNECTION STRAP	WEIGHT 0.010 SCALE 1:1
	Sheet ДПРХМ-0·5 Л63М GOST 931-76	SHT SHTS

A4

765-82-27

Rz80



1). Alternate material is brass sheet of grade Л63, Л68, GOST 15527-70.

2). Photochemical pickling.
a). Face background should be black.
b). Letters and margin should be of metal colour

3). Apply colourless vainish НЦ-62 OST6-10-391-74. On to the face of instruction plate. Coating face of instruction plate with varnish nФ-283 GOST 5470-75 is allowed.

5). Dimension with (*) is given for reference.

Ⓐ EQ.MATL: CLADDED ALUMINIUM ALLOY GRADE 24530 TO Is: 8560-77 OR BRASS SHEET CuZn 37 OR CuZn 30 TO IS: 410-77.

00769-ICV	Ⓐ	EQ. MATERIAL ADDED.		
V. Rao 03.2000				
BEGINNING DATE	ISSUE	NATURE OF AMENDMENTS		

00775-ICV 17-08-04	Ⓑ	IN TITLE BLOCK NOMENCLATURE INSCRIPTION PLATE * WAS INSTRUCTION PLATE
BEGINNING DATE	ISSUE	NATURE OF AMENDMENT

APPROVED	M VASU
CHECKED	D.S.PUTHI

765-82-27

CONTROLLERATE OF INSPECTION (ICV)

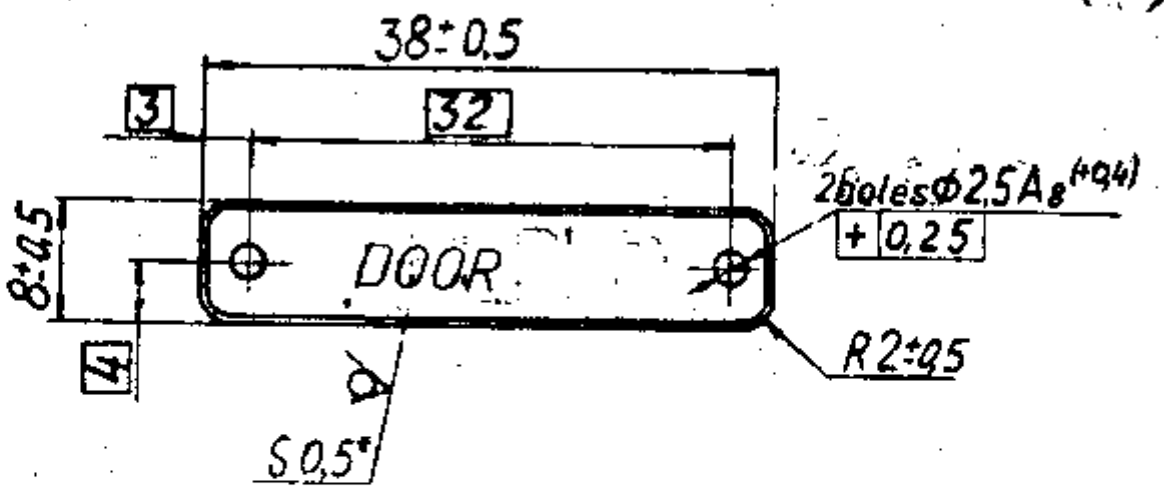
Ⓑ INSCRIPTION PLATE

WEIGHT	SCALE
0.0005	2:1

SHT SHTS

Sheet A16AM-05
GOST 21631-76

765-82-75



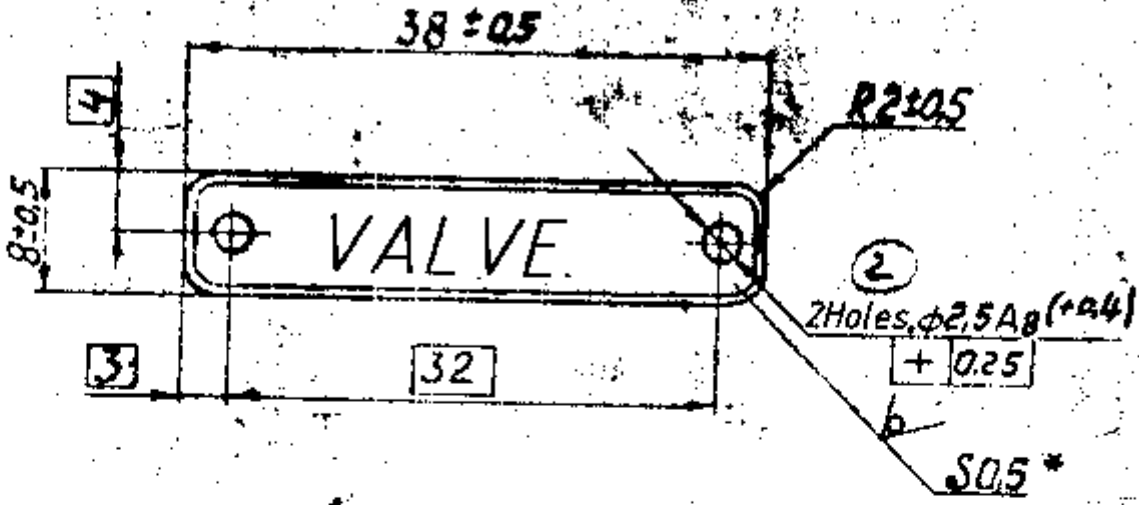
1. Alternate material is brass sheet of grades Л63, Л68 GOST 15527-70.
2. Photochemical pickling.
   a) face background should be black:
   b) letters, margin should be of metal colour:
3. Apply varnish НЦ-62, colourless OST6-10-391-74 onto the face of instruction plate.
   Varnish ПФ-283 GOST 5470-75 may be applied onto the face of instruction plate.
5. *Dimension with (*) is given for reference.

D(I)S No. & DATE	ISSUE	NATURE OF AMENDMENT
00975-ICV 17-08-04	A	IN TITLE BLOCK, NOMENCLATURE "INSCRIPTION PLATE" WAS "INSTRUCTION PLATE"

APPROVED	VASU	765-82-75	
CHECKED		Ⓐ INSCRIPTION PLATE	WEIGHT 00005, SCALE 2:1
CONTROLLERATE OF INSPECTION (ICV)		Sheet A16AM-0.5 GOST 21631-76	SHT SHTS 82

765-82-140

R280 (V)



1). Alternate material is brass sheet of grade Л63, and Л68, GOST 15527-70.

2). Phtochemical pickling.

a). Face background should be black.
b). Letters; margin should be of metal colour.

3). Apply varnish НЦ-62 colouless OST 6-10-391-74. on the frontside of instruction plate. Varnish ПФ-283, GOST 5470-75, may be applied on to the face of instruction plate.

5). Dimension with (*) is given for reference.

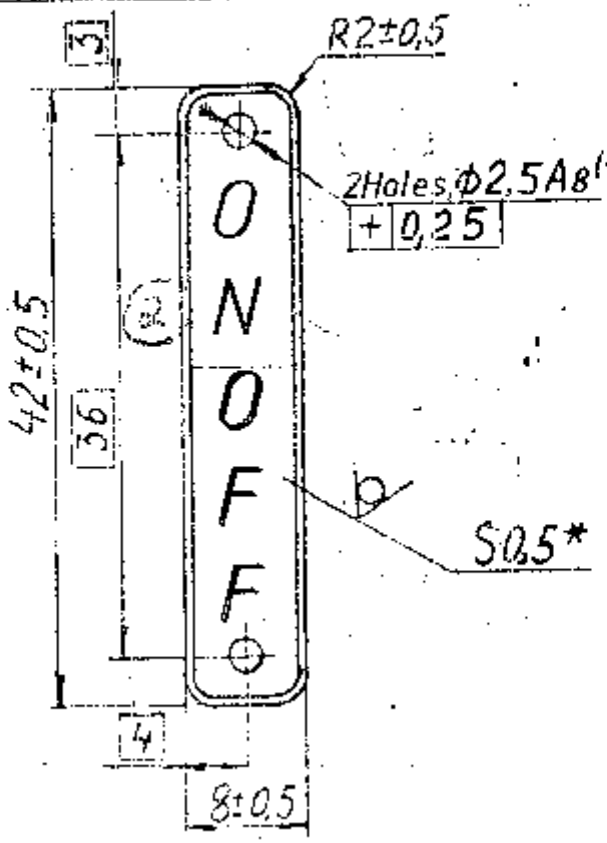
DCN & DATE	ISSUE	NATURE OF AMENDMENT
00975-ICV 1/4 12.05.04	A	IN TITLE BLOCK, NOMENCLATURE "INSCRIPTION PLATE" WAS INSTRUCTION PLATE

213g332

APPROVED	M VASU	765-82-140	
CHECKED		Ⓐ INSCRIPTION PLATE	WEIGHT 0.0005 / SCALE 2:1
CONTROLLERATE OF INSPECTION (ICV)		Sheet A16 AM-0.5 GOST 21631-76	SHT / SHTS 82

765-82-141

Rz 80 (V)



1). Alternate material is brass sheet of grade Л63, Л68, GOST 15527-70.

2). Photochemical pickling.
a). Face background should be black.
b). Letters, margin should be of metal colour.

3). Apply varnish НЦ-62, colourless OST 6-10-391-74 on to the front face side of instruction plate. Varnish ПФ-223, GOST 5470-72 may be applied on to the face of instruction plate.

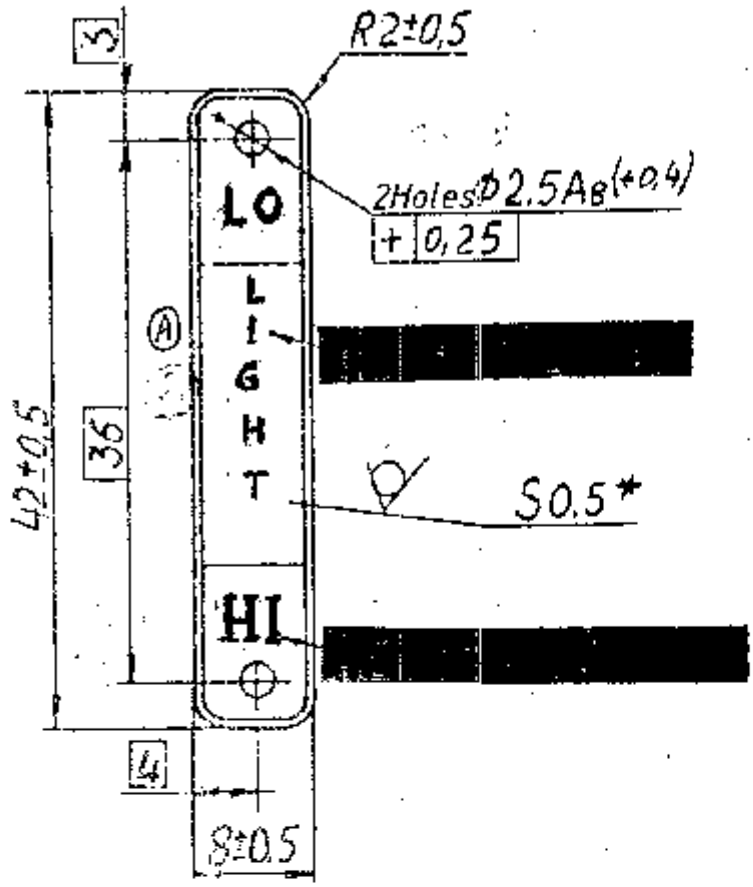
5). * Dimension with (*) is given for reference.

214 of 332

BCG(I) No. & DATE	ISSUE	NATURE OF AMENDMENT
00975-ICV 17-9-04	A	IN TITLE BLOCK, NOMENCLATURE "INSCRIPTION PLATE" WAS "INSTRUCTION PLATE"

APPROVED	M VASU	765-82-141	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)		Ⓐ INSCRIPTION PLATE	WEIGHT 0,00052 / SCALE 2:1
		Sheet A16 AM-0.5 GOST 21631-76	SHT / SHTS 89

765-82-142



1). Alternate material is brass sheet of grades Л63, Л68, GOST 15527-70.

2). Photochemical pickling.

a). Face background should be black.
b). Letters, margin should be of metal colour.

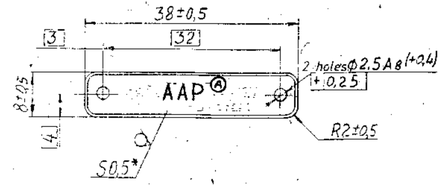
3). Apply varnish НЦ-62, colourless, OST6-10-391-74, on to the face of instruction plate. Varnish Пф-283, GOST 5470-75 may be applied on to the face of instruction plate.

5). Dimension with (*) is given for reference.

00975-ICV 19-9-04	B	IN TITLE BLOCK, NOMENCLATURE "INSCRIPTION PLATE" WAS "INSTRUCTION PLATE"	00641-ICV 01-7-98	A	LO was L LIGHT was BEAM HI was H
			RDSO NOR	ISSUE	NATURE
			DATE		AMENDMENT

APPROVED	M. VASU	765-82-142		
CHECKED				
CONTROLLERATE OF INSPECTION (ICV)	B	INSCRIPTION PLATE	WEIGHT 000052	SCALE 2:1
		Sheet A 16 AM-0.5 GOST 21631-76	SHT	SHTS
				82

765-82-145 [redacted] Rz80



1. Alternate material is brass sheet of gardes Л63, Л68 GOST 15527-70.
2. Photochemical pickling.
   a) face background should be black:
   b) letters, margin should be of metal colour
3. Apply varnish НЦ-62, colourless, OST 6-10-391-74 onto the face of instruction plate. Varnish ПФ-283, GOST 5470-75 may be applied onto the face of instruction plate.
5. *Dimension with (*) is given for reference.

DCCU NO	ISSUE	NATURE & DATE AMENDMENT
00975-ICV 17-9-04	B	IN TITLE BLOCK, NOMENCLATURE "INSCRIPTION PLATE" WAS "INSTRUCTION PLATE"
00656-ICV 02-6-99	A	AAP' WAS "ATOMIC PROTECTION SYSTEM"

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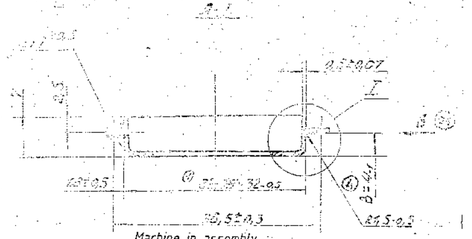
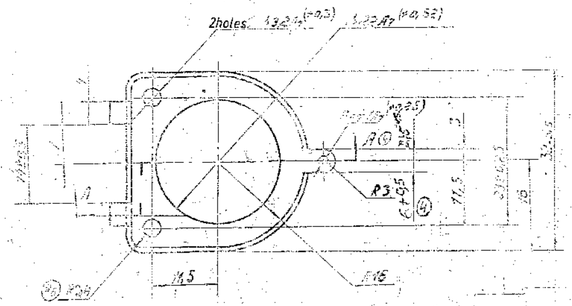
D-86

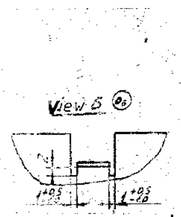
APPROVED	M VASU	765-82-145	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)		B INSCRIPTION PLATE	WEIGHT 0.0005 / SCALE 2:1
		Sheet A16 AM-0.5 GOST 21631-76	SHT / SHTS 68

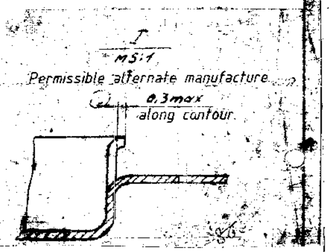


1. Blunt sharp edges.
2. Unspecified stamping radii should not exceed R1mm.
3. Provide dimensions without deviations with accuracy of ±0,5mm.
4. Coating: Chemically parkerized zinc plating, 12 microns thick, chromatizing are allowed
   Remove hydrogen embrittlement.
5. Apply primer ФЛ-03-Ж 1 GOST 9109-76, onto the external surface and paint with enamel ПФ-223, dark-grey, GOST 14923-78.
6. Alternate material is steel 08 ПС, 10, 10КП, 10пс GOST 1050-74.
7. Machining over dimension Б is allowed in assembly.
8. Corrugations not exceeding 0,5mm towards both sides are allowed with in dimension B.

Ⓐ EQ.MATL:- COLD ROLLED STEEL SHEET GRADE D|DD TO IS: 4030.







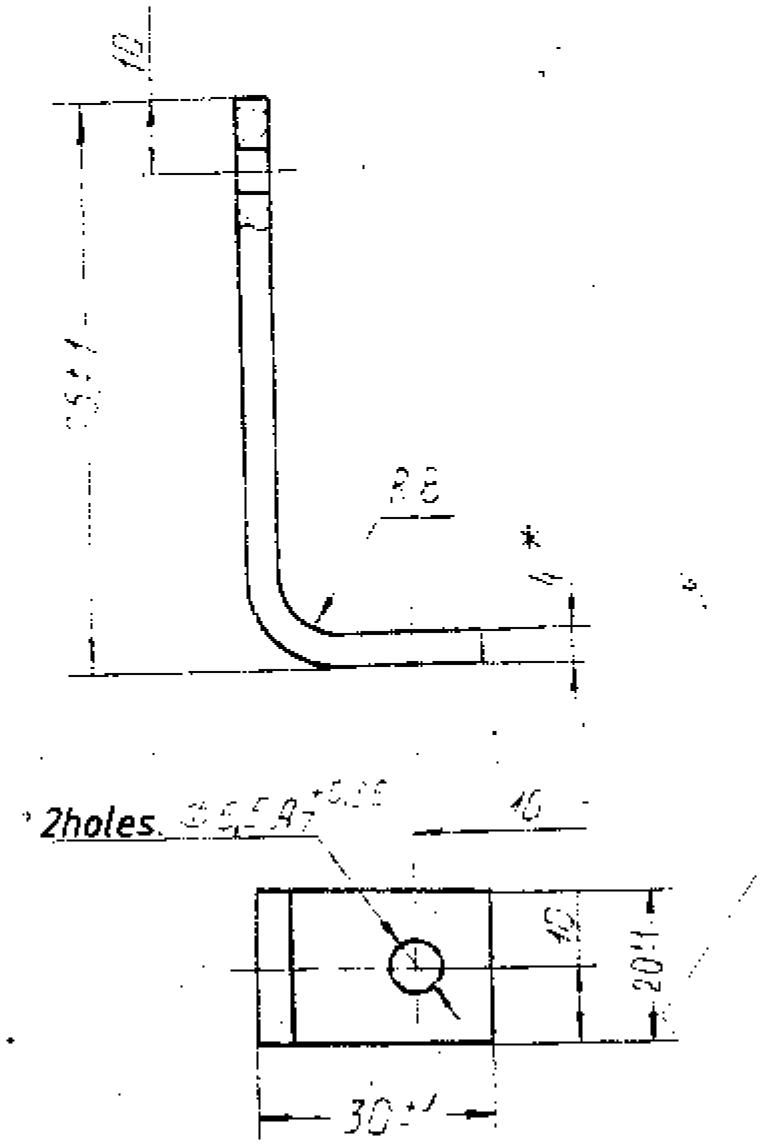
00769-ICV	Ⓐ	EQ MATERIAL ADDED
27-03-2000		
DCCI NO DATE	ISSUE	NATURE OF AMENDMENTS

APPROVED	M VASU	765-82-155	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)		BASE	WEIGHT 0,007 / SCALE 2:1
		Steel 08kn GOST 1050-74	SMT SMTS
			82

765-82-161

1. Blunt sharp edges.
2. Provide dimensions without deviations with accuracy of ±0,5mm.
3. Coating: Anodic oxidation, chromatized or chemically parkerized, blue, chromatized.
4. Apply primer ФЛ-03НЖ, GOST 9109-76, all over except hole surfacs and paint with enamel ПФ-223, dark-grey, GOST 14923-78.
5. Alternate material is AMF5, GOST 4784-74.
6. Dimension with (*) is given for reference.

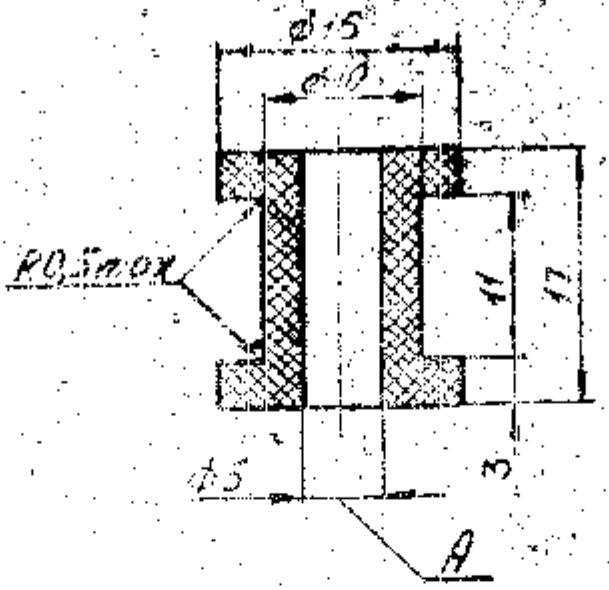
(A) EQ. MATERIAL:- AL. ALLOY SHEET GRADE 55000 TO IS: 737-74



DCN NO. DATE	ISSUE	NATURE OF AMENDMENT
00769-ICV	(A)	EQ. MATERIAL ADDED

APPROVED	M VASU	765-82-161	
CHECKED			
CONTROLLERATE OF INSPECTION (IC V)		BRACKET	WEIGHT 0,021 · SCALE 1:1 · SHT · SHTS
		АМГ 6БМ-4 GOST 21631-76	82

091-28-951 [redacted]



1). Provide dimensions by tool.

2). Unspecified limit deviations of dimensions are ±0.5mm.

3). Burr without machining is allowed at outlet of hole of diameter. A.

4). Mark on tag.

5). Other requirements are as per Ty005216-75 for article of code 418260.

EQ.MATL:- Ⓐ NATURAL RUBBUR TYPE-A GRADE-2 TO IS: 5[redacted]

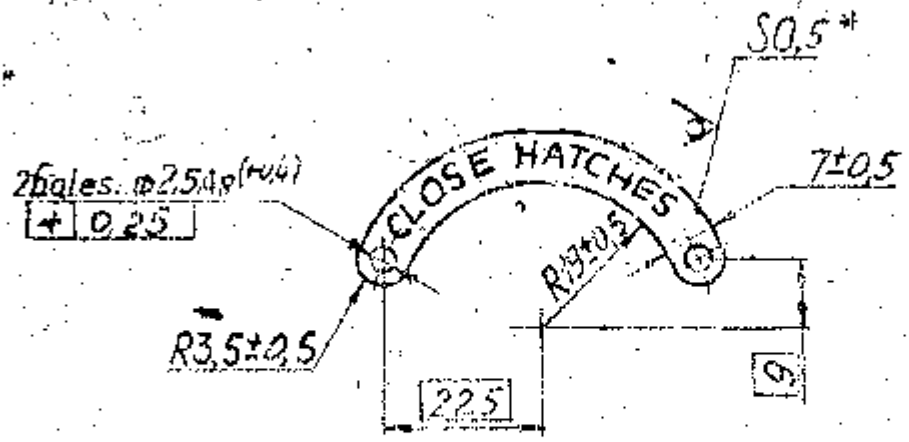
DESIGN No DATE	ISSUE	NATURE OF AMENDMENT
00769-ICV V Ramesh 20.03.2000	Ⓐ	EQ.MATERIAL ADDED.

DUPLICATE COPY

APPROVED	M VASU	765-82-180		
CHECKED	[signature]		WEIGHT	SCALE
CONTROLLERATE OF INSPECTION (ICV)		BUSHING	0.005	2:1
			SHT	SHTS
		Rubber 1847, Ty 005216-75		82

765-82-181

Rz80 (V)



1. Alternate material is brass sheet of grades Л63, and Л68 GOST 15527-70.
2. Photochemical pickling:
   a) face background should be black:
   b) letters, margin should be of metal colour:
3. Apply varnish НЦ-62, colourless, OST 6-10-391-74 onto the face of instruction plate. Coating face of instruction plate with varnish ПФ-283 GOST 5470-75 is allowed
4. *Dimension is given for reference.

EQ.MATL:-

Ⓐ CLADDED ALUMINIUM ALLOY GRADE 24530 TO IS: 8560-77

OR

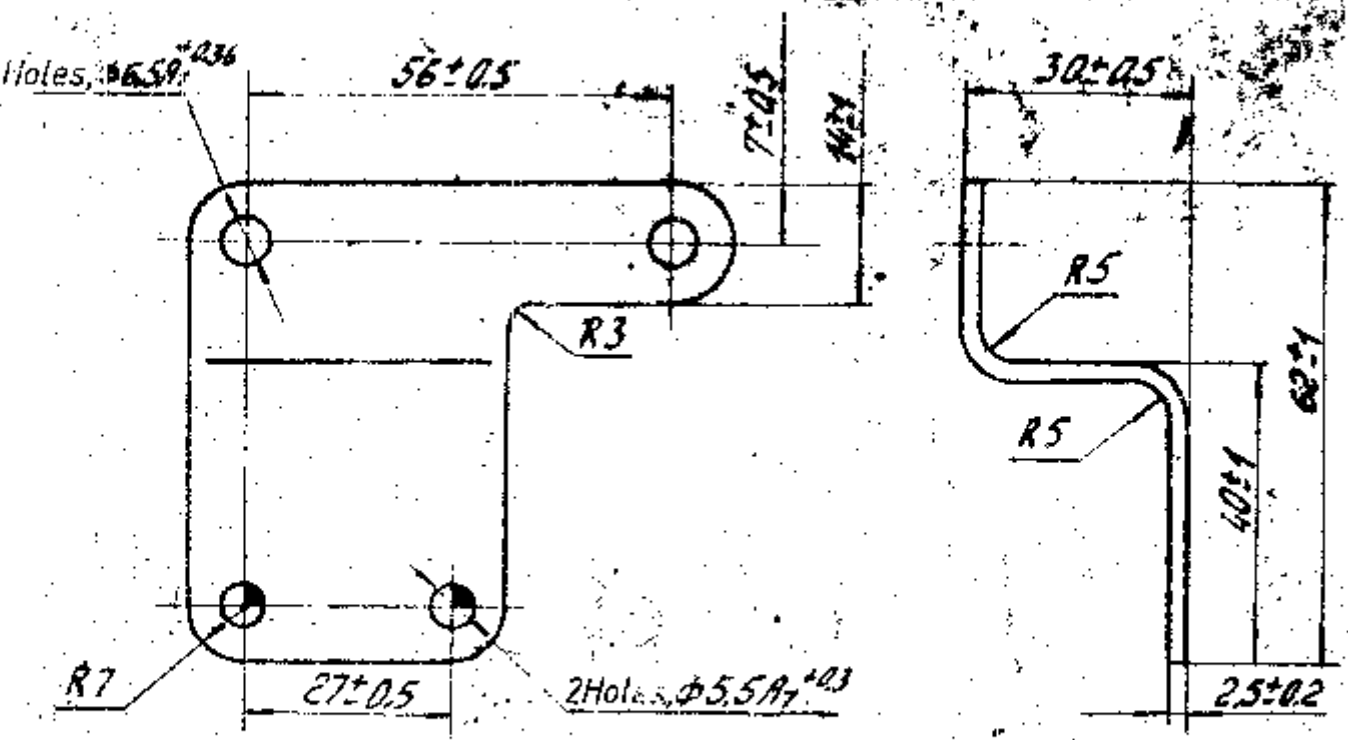
CuZn 37 or CuZn 30 TO IS: 410-77

00975-ICV 17-9-04	Ⓑ	IN TITLE BLOCK, NOMENCLATURE INSCRIPTION PLATE WAS INSTRUCTION PLATE
00769-ICV 2-03-2000	Ⓐ	EQ. MATERIAL ADDED.
DCN No. DATE	ISSUE	NATURE OF AMENDMENT

DUPLICATE

APPROVED	M YASU	765-82-181	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)		Ⓑ INSCRIPTION PLATE	WEIGHT 0.0004 / SCALE 1:1
		Sheet A 16 AM-0.5 GOST 21631-76	SHT SHTS
			82

984-28-591



EQ.MATL:-

(A) COLD ROLLED STEEL SHEET GRADE D/DD TO IS: 4030.

1). Blunt sharp edges.

2). Alternate material is steel 08Kn, GOST 1050-74.

3). Coating: Chemically, parkerized, chromatized.

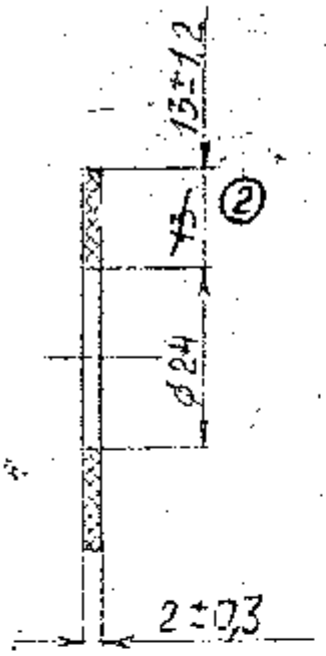
4). Apply primer ФЛ-03НЖ, GOST 9109-79, and paint with enamel пФ-223, dark-grey, GOST 14923-78.

00769-ICV V. Rao 27-03-2000	(A)	EQ. MATERIAL ADDED.
DC(I) NO. DATE	ISSUE	NATURE OF AMENDMENT

APPROVED		765-82-186	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)	BRACKET	WEIGHT 0.074	SCALE 1:1
		SMT	QNTS
	Steel 10, GOST 1050-74		

32

765-82-193



1). Mark on tag.

2). Part may be made from rubber 8797, Ty005216-75

3). Other requirements are as per Ty005216-75 for articles of code 25H120.

Ⓐ EQ. MATL:- NITRILE RUBBER BA-70 TO IS: 2751-82.

DCCN No / DATE	ISSUE	NATURE OF AMENDMENTS
00769 -ICV V Ramo 27.03.2000	Ⓐ	EQ. MATERIAL ADDED.

DRAWN / TRACED / CHECKED

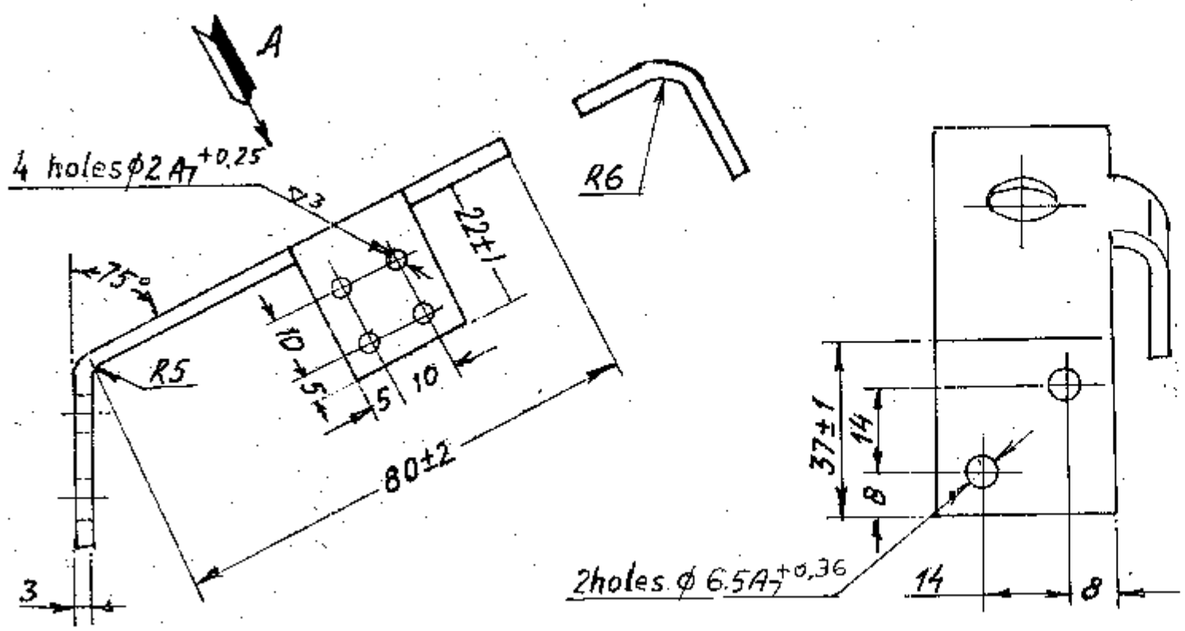
APPROVED	H VASU	765-82-193
CHECKED		GASKET
CONTROLLERATE OF INSPECTION (ICV)		RUBBER B-14, Ty 005216-75

WEIGHT 0.003 | SCALE 1:1 | SHT 82

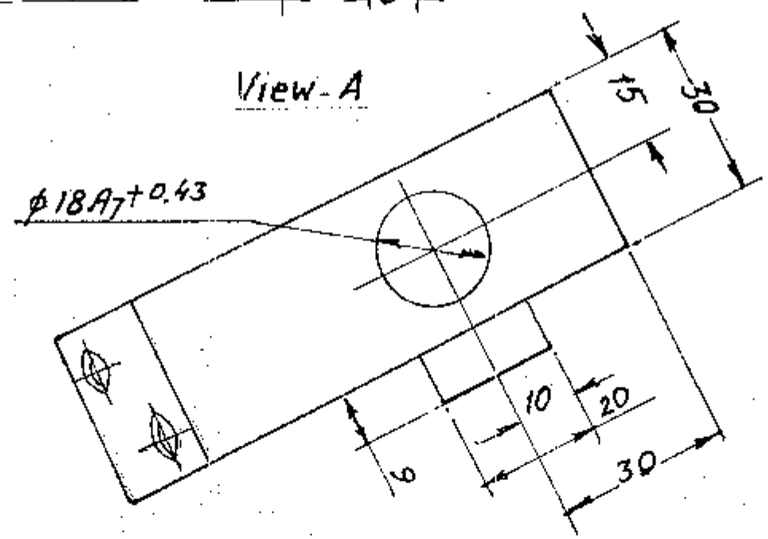
~ Unless otherwise specified.

1. Blunt sharp edges.
2. Deviations of hole centre from its true position should not exceed 0,25mm.
3. Provide dimensions without deviations with accuracy of ±0,5mm.
4. Perform heat treatment upto condition T.
5. Coating: Anodic oxidation, chromatized or chemically, parkerized, blue, chromatized.
6. Apply primer ФЛ-03НЖ, GOST 9109-76 all over except hole surfaces and paint with enamel ПФ-223, dak-grey, GOST 14923-78.

Ⓐ EQ. MATERIAL :- CLADDED ALUMINIUM ALLOY GRADE 24530 TO IS: 8560-77.



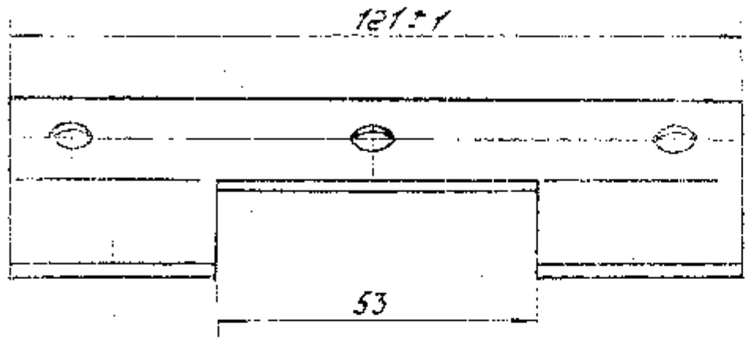
View-A

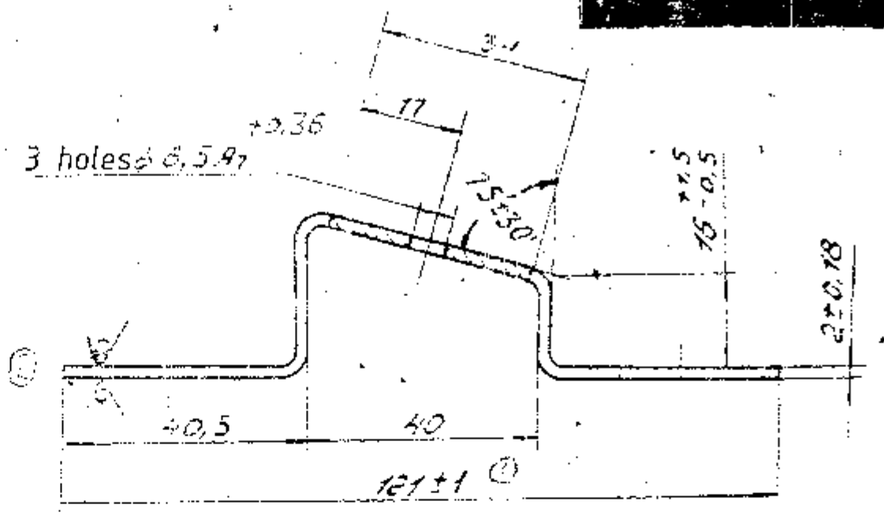


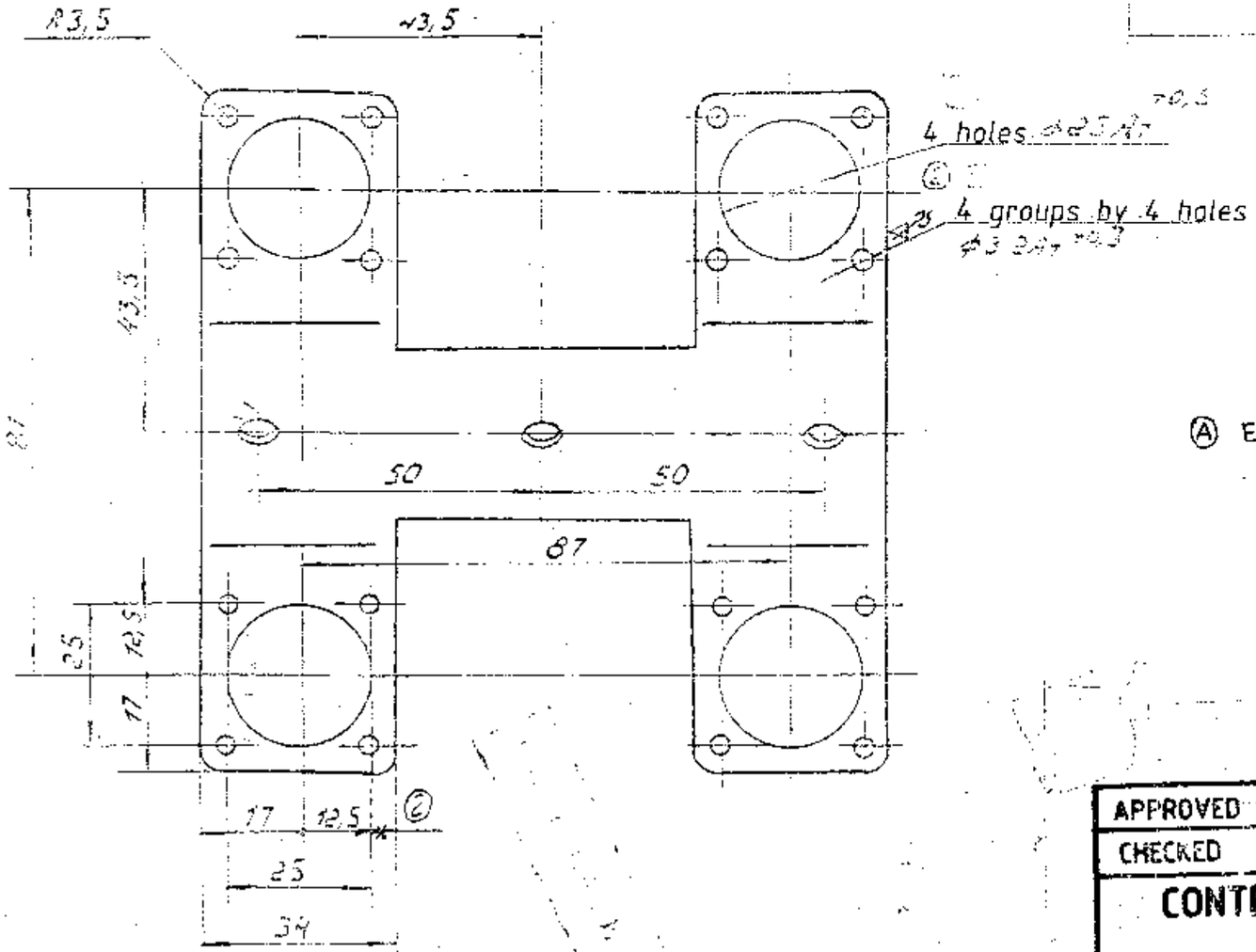
00769 ICV	Ⓐ	EQ. MATERIAL ADDED
V Ramos 27-03-2030		
DC (D) No DATE	ISSUE	NATURE OF AMENDMENT

APPROVED	N YESU	765-82-195	
CHECKED			
CONTROLLERATE OF INSPECTION (IC V)	BRACKET	WEIGHT 0.032 S.M.S	SCALE 1:1
	A 16AM-3 GOST 21631-76		82

765-82-237







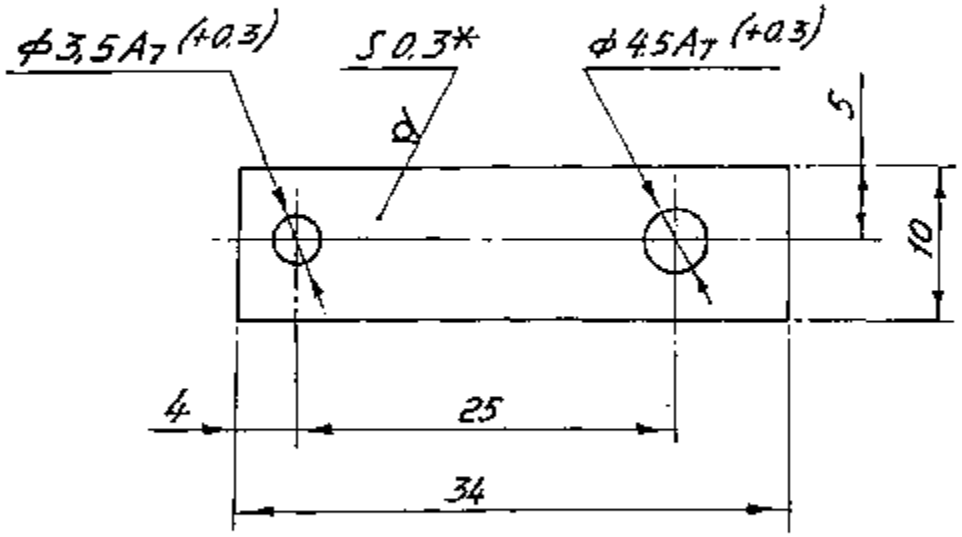
1. Blunt sharp edges.
2. Displacement of axes of holes from true position should not exceed 0.25mm.
4. Provide dimensions without deviations with an accuracy of ±0.5mm.
3. Alternate material is Cm2, Cm3, Cm5, GOST 380-71 and steel 15,20,25, and steel 30 GOST 1050-74.
5. Unspecified radii are R3.
6. Coating: Chemically parkerized, chromatized.

Ⓐ EQ. MATERIAL :- COLD ROLLED STEEL SHEET GRADE DDD TO Is: 4030.

DC(I) NO. date	ISSUE	NATURE OF AMENDMENTS
00769 -ICV 27-03-2000	Ⓐ	EQ. MATERIAL ADDED.

APPROVED		765-82-237	
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)		BRACKET	WEIGHT 0-18 / SCALE 1:1
		STEEL 3KП GOST 380-71	SHT SHTS 82

K241-82-6234



1. Unspecified limit deviations of dimensions are ± 0.5mm.
2. Coating: ГОР. 4 пОС 40, GOST 21930-76, without
Ⓐ using acid. OR SOFT SOLDER Sn 40 TO IS: 193-82.
3. *Dimensions are given for reference.

Ⓐ EQ MATL:— BRASS SHEET Cu Zn 37 TO IS: 410-77 OR

00769 —ICV 27-03-2000	Ⓐ	EQ. MATERIAL ADDED.
DC(I) No. DATE	ISSUE	NATURE OF AMENDMENT.

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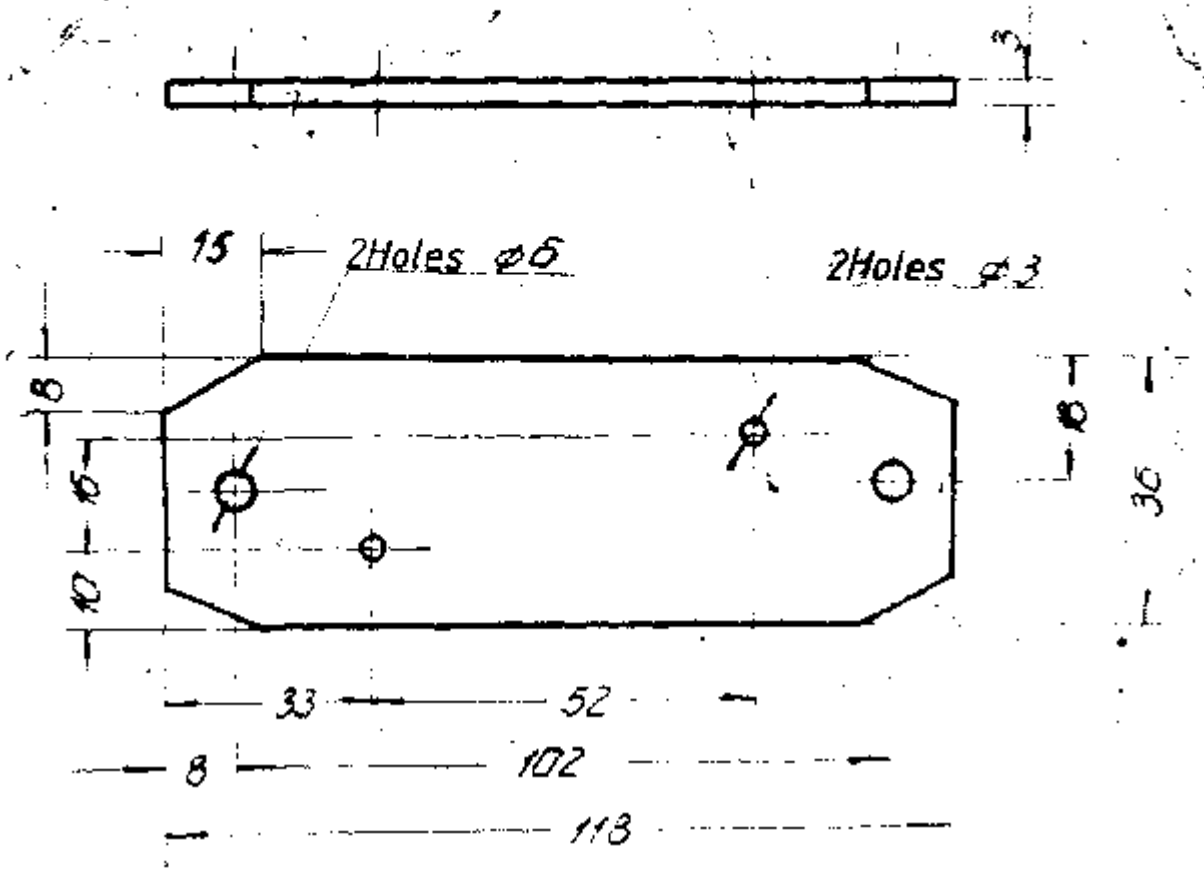
APPROVED	H.VASU	K 241-82-6234		
CHECKED	HM.Shaikh			
CONTROLLERATE OF INSPECTION (ICV)		BUSBAR	WEIGHT	SCALE
			0.0008	2:1
			SHT	SHTS
		Band Ф ПРНМ 0,3НДМ 3М		

1-625-28-81

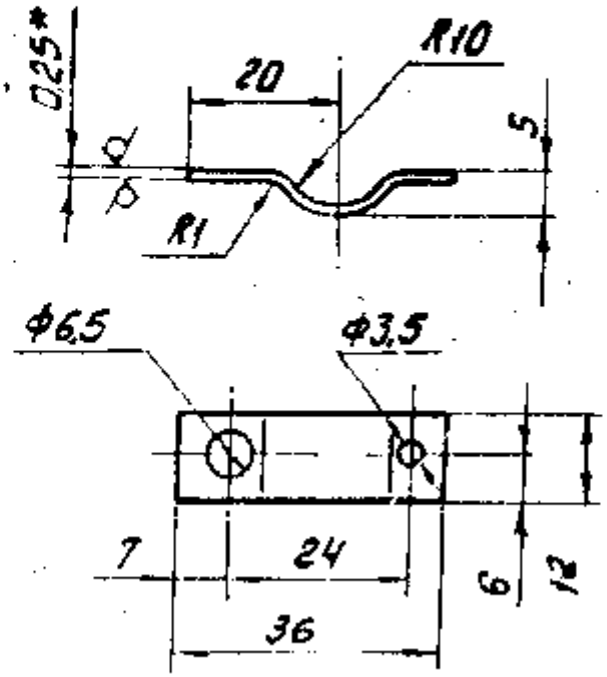


1. Other requirements are as per Technical specifications Ty 005216-75.

APPROVED		332 of 332	
CHECKED		KB-82-529-1	
CONTROLLED BY POSITION	RUBBER	WEIGHT 0.040	SCALE 1/1
	Rubber. Tech specifications TY 005216-75 Group IIIc	SHT	SHTS
			52

KB-82-873

NATURE OF AMENDMENTS	ISSUE	DCCO No / DATE
EQ. MATERIAL ADDED.	(A)	00769 ICV 7.03.2000



1) Alternate material is band Дп PHM 0,14 to 0,22 Л63, GOST 2208-75.

2) Unspecified limit deviations of dimensions are ±0,5mm.

3) Coating: 0,9 microns thick, coating ГоР4, пос 40, GOST 21930 - 76, may be used.

4) * Dimension is given for reference.

(A) EQ.MATL:- BRASS SHEET CuZn 37 IS: 410.

332/1 of 332

APPROVED: M VASU	KB-82-873	
CHECKED		
CONTROLLERATE OF INSPECTION (ICV)	GROUNDING BUS	WEIGHT: 0.008 / SCALE: 1:1
	BAND Д nPHM 0.25 НД М3 GOST 1173-77	SHT / SHTS: 1