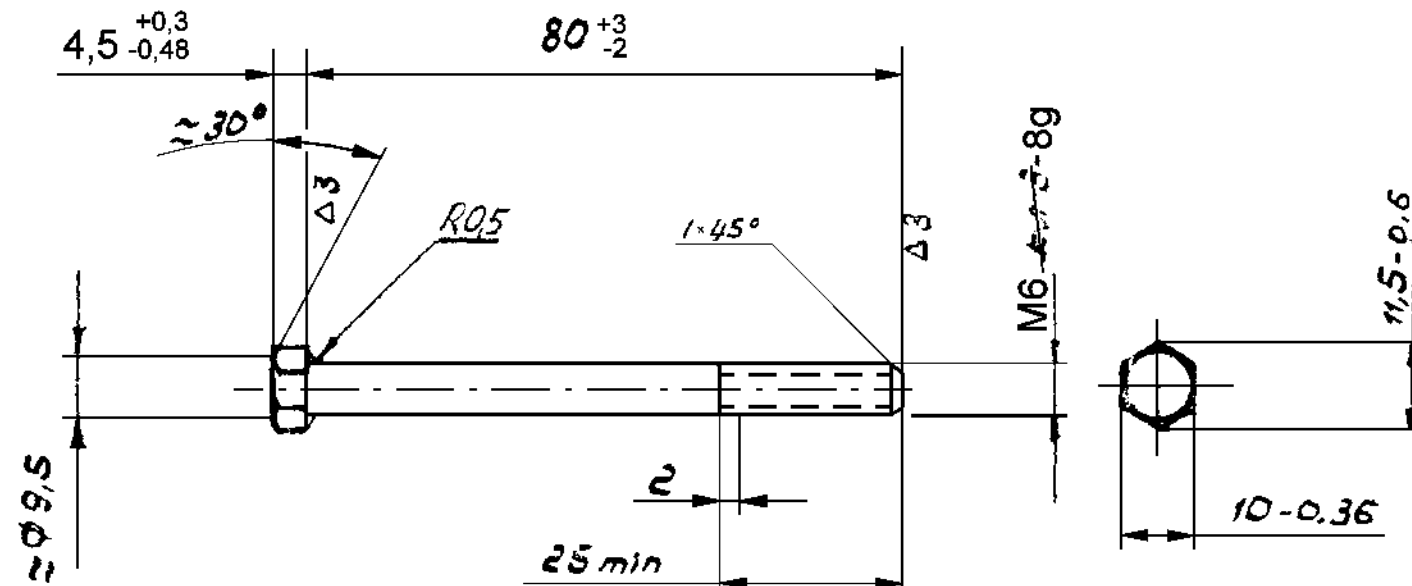


82-91-222

Unless otherwise specified



TECHNICAL CONDITIONS

- Displacement of head with respect to the axis of rod should not exceed 0.5
- When threads are made by rolling, the following is permitted
 - Thinning of non-threaded parts of the rod upto the thread angle diameter.
 - Chamfer on the rod end may not be made
- Coating Zinc-plated, 9 microns thick, chromitized. Remove hydrogen embrittlement. Check dimensions before coating
- Alternate material is cm5cn GOST 380-71 and 30, 35 and 40, GOST 1050-74

① Suitable centre hole provision at threaded and is allowed as per type 'A' to IS 2473-75 if required for manufacture

② EQ. MATERIAL:- C45 TO IS: 2073-70

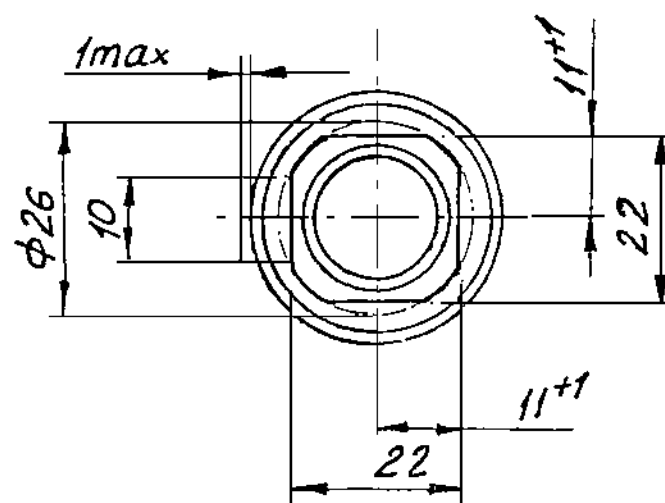
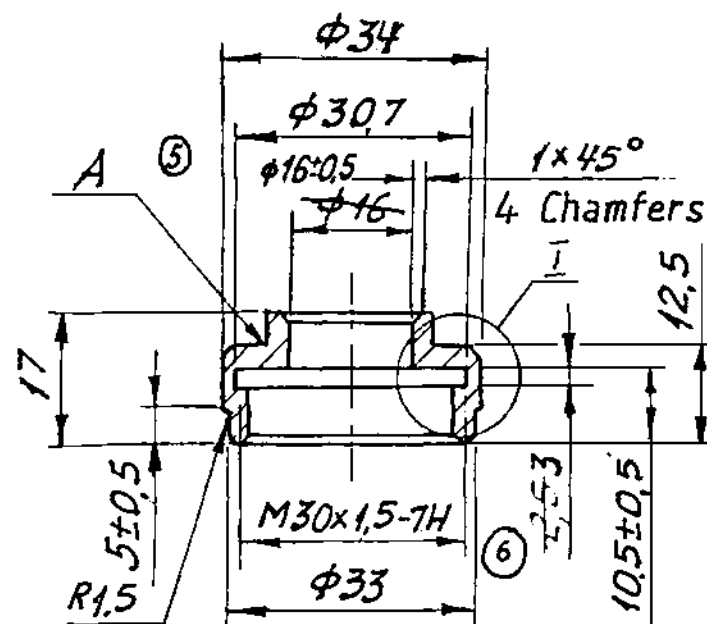
③ 6. EQ. MATERIAL :- STEEL 45 C8 CDE4 TO IS: 9550-80

00839-ICV N. 12.2000	③	EQ. MATERIAL ADDED.
00543-ICV 13-2-96	②	NOTE NO. 6 ADDED FOR EQ. MATERIAL. (2/95. N OF A)
00153-ICV. 25-5-96	①	NOTE No 5 ADDED. (D- 826)
DCW NO. 4 Date	ISSUE	NATURE
AMENDMENTS		

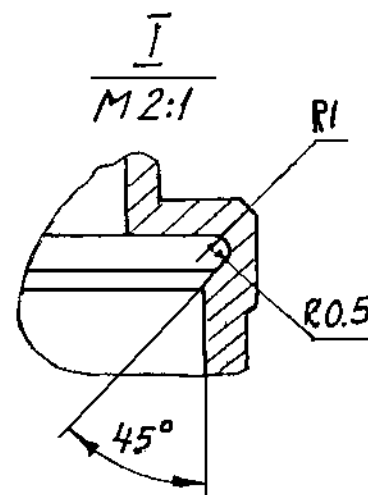
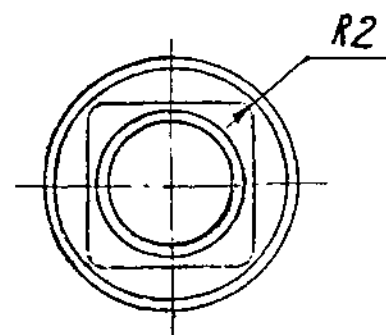
APPROVED	 VASU	272-16-28			
CHECKED		BOLT		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)				0.021	1:1
			SHT	SHTS	
		45 GOST 1050-74			

69-88-272

Rz 40



Alternate



TECHNICAL CONDITIONS

1. Alternate material is Steel cm5, GOST 380-71 and Steels 30, 35, 40, GOST 1050-74.
2. Unspecified limit deviations of dimensions are:
for holes -as per A₇ and
for shafts -as per B₇.
3. Coating: Zinc-plated, 9 microns thick, oiled.
Remove hydrogen embrittlement.
Thickness of the layer of coating in the internal surfaces need not be checked.
4. Steps not exceeding 0.5 mm are allowed on surface A.
5. It is allowed to make coupling nut by precision investment from casting steel 35A-I, GOST 977-75. In this case:
a) Alternate material is Steel 40A-I, GOST 977,75.
b) Unspecified limit deviations of dimensions are:
For holes -as per A₇ and for shafts -as per B₇
c) Unspecified radii should not exceed 2 mm.
d) Pattern drafts should not exceed 1°.
e) Surface finish of surfaces is R_z80.
f) It is allowed to make coupling nut along dash-dot line.
g) Other requirements are as per OST 4365-79.

(A) EQ. MATERIAL:- STEEL BAR C45 TO IS:2073-70 ^{OR} EN 9 TO BS:970 ^{OR} STEEL BAR C50 TO IS:1570-60

00802-ICV	(A)	STEEL BAR C45 TO IS:2073-70 ^{OR} EN 9 TO BS:970. ^{OR} STEEL BAR C50 TO IS:1570-60 ADDED AS EQ. MATERIAL
18 AUG 2000	ISSUE	AMENDMENTS
DC(I) No. & DATE		

APPROVED	M VASU	272-88-69		
CHECKED	PRASAD			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		COUPLING NUT		WEIGHT
				SCALE
				0.02
				1:1
				SHT
				SHTS
				STEEL 45 GOST 1050-74

93-19-279

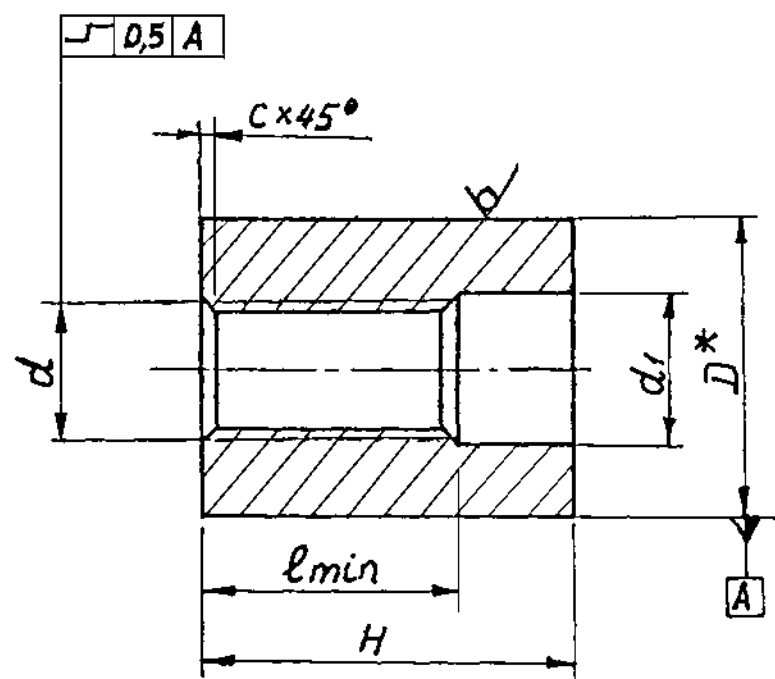
Rz80 ✓(✓)

TECHNICAL CONDITION

1. Alternate material is AMF5, GOST 4784-74.
2. Nonsquareness of butt-ends with respect to thread axis should not exceed 1,5°.
3. * Dimensions are given for reference.

Ⓐ EQ.MATERIAL:- ALUMINIUM ALLOY Gde.54300, CONDITION'D' TO IS:733-83.

Ⓑ EQ.MATERIAL:-ALUMINIUM ALLOY BAR GRADE 54300 TO IS:733-83 OR ALUMINIUM ALLOY BAR GRADE 55000 TO IS:734-74



Designation	d, MM.	D*MM	H(B8)MM		d1(A7)MM		l,MM	C,MM	Mass, kg.
			Nominal	Deviation	Nominal	Deviation			
672-51-36			15	-0,7					0,004
-01	M6-7H	12	25	-0,24	7	+0,36	12	1,0	0,0055
-02			30						0,007
-03	M8-7H	16	22	-0,84	9		16	1,6	0,009

00802-ICV 16-8-2000	Ⓑ	GRADE 54300 TO IS:733-83 OR GRADE 55000 TO IS:734-74 ADDED AS EQ.MATERIAL
00581-ICV 27-8-96	Ⓐ	EQ.MATERIAL ADDED. (2/96 N OF A)
DC(I)No. & DATE	ISSUE	AMENDMENTS

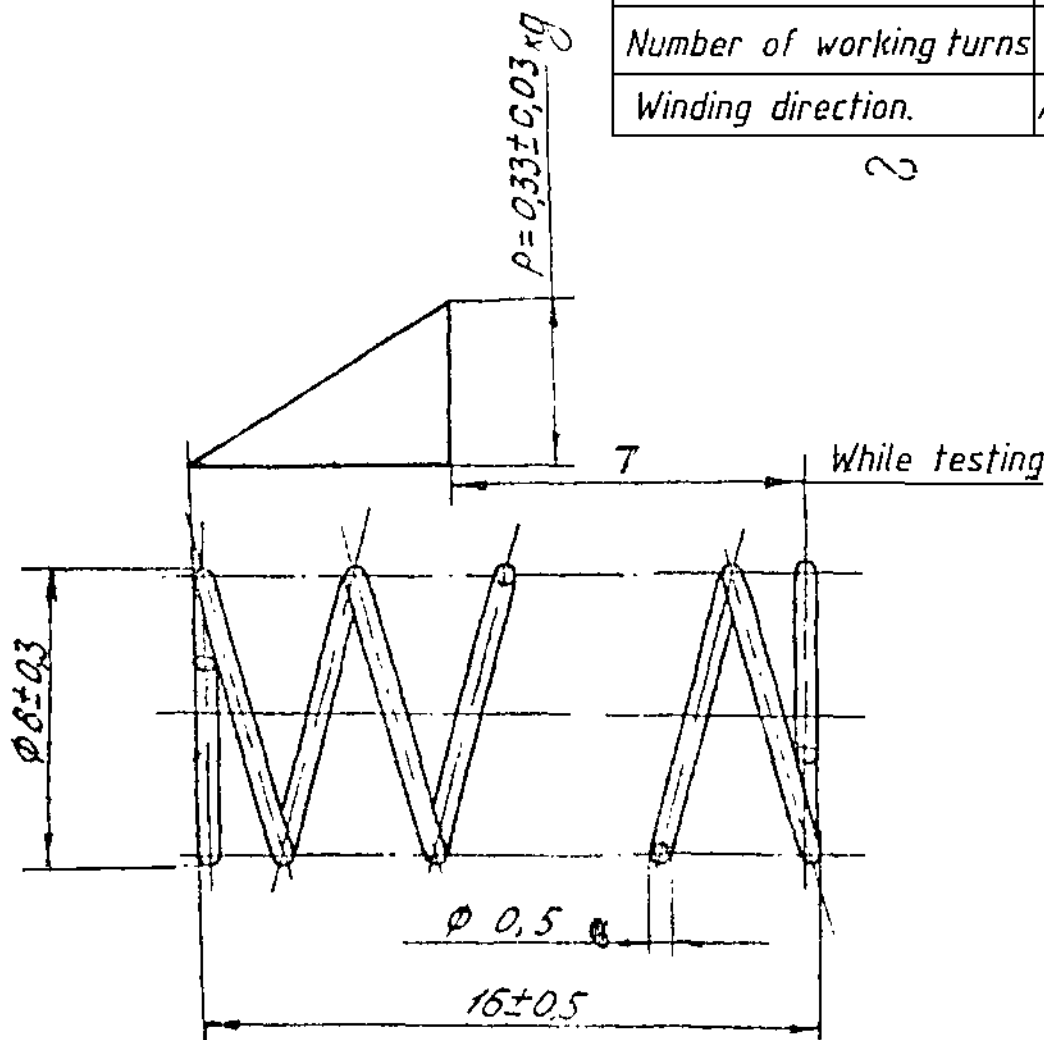
THE ABBRIVATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

ALL DIMENSIONS ARE IN mm.

APPROVED	M VASU	672-51-36	
CHECKED	PRASNA		
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		BOSS	WEIGHT SCALE
			SEE TABLE
		Друток АМГ 6 кр. Д-П ГОСТ 21488-76	SHT 1 SHTS 1

674 604/5-K

Total number of turns.	7±0.5
Number of working turns	4
Winding direction.	Arbitrary.



1. Squeeze ends of non-working turns to adjacent working turns and grind thoroughly.
 2. Blunt sharp edges.
 3. Coating: Cadmium plated, 12 micron thickness.
- Ⓐ EQ. MATERIAL :- STEEL WIRE GRADE 3 TO IS: 4454-75 (PART-I)

00802-16V 6-2000	Ⓐ	STEEL WIRE GRADE 3 TO IS: 4454-75 (PART-I) ADDED AS EQ. MATERIAL
DC 11 No DATE	ISSUE	NATURE AMENDMENT

APPROVED

M VACU

674 604/5-K

CHECKED

D.S. KUMAR

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

SPRING

WIRE II-0.5, GOST 9389-75

WEIGHT SCALE

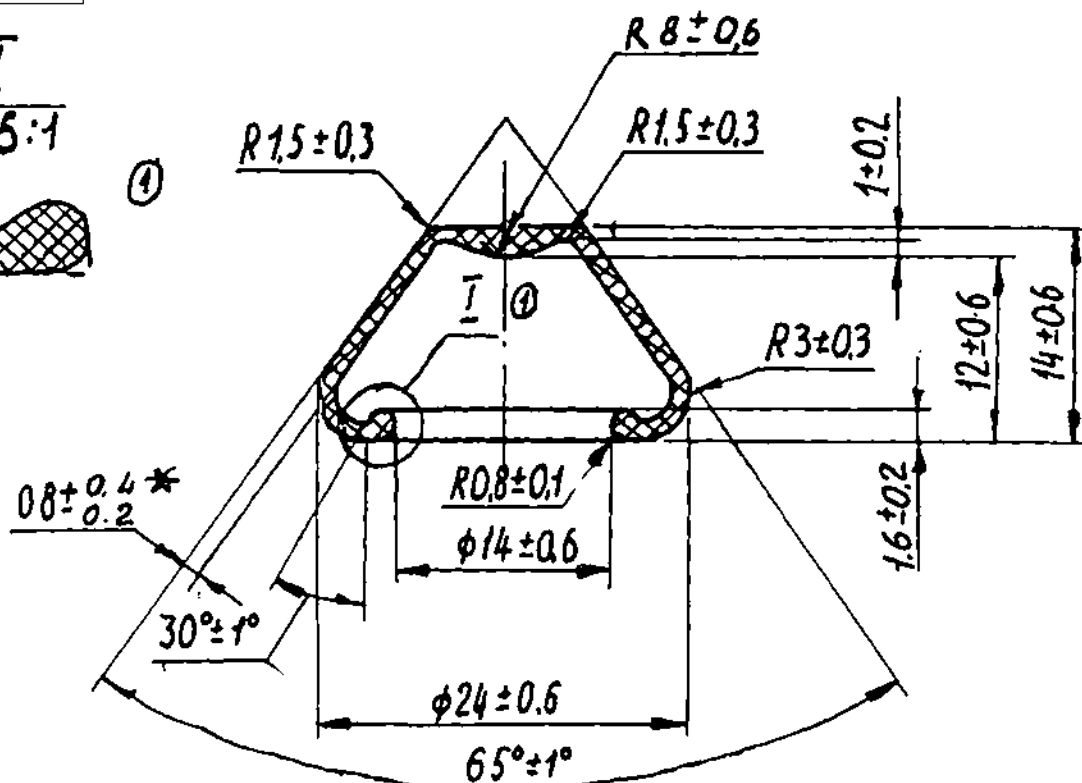
0.0003 5:1

SHT 1 SHTS 1

△

675-42-70

*
② $\frac{I}{M 5:1}$



TECH. CONDITIONS

1. Sizes are ensured by tooling (except size^{*}).
2. Wall difference is permissible within the tolerance zone.
3. Mark on a tag.
4. For other requirements for an article of code 253151, see Specifications TY 005216-75.
5. Part may be manufactured according to thick dot-and-dash line.
6. Cut on a collar of up to 0.5 mm is permissible.

* (2) Scale 5:1

Ⓐ EQ. MATERIAL:- NITRILE+CHLOROPHENE (a) BA-60 TO BS:2751-82
(b) C-60 TO BS:2751-82

00802-ICV	Ⓐ	BA-60 TO BS:2751-82 OR C-60 TO BS:2751-82 ADDED AS EQ MATERIAL
18-08-2000		
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-42-70

CAP

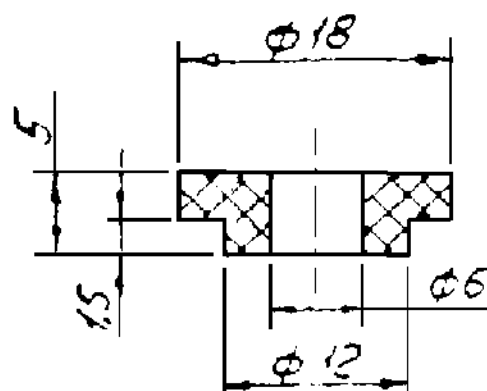
MATERIAL: RUBBER HO-68-1
TY 005.216-75

WEIGHT SCALE

0.001 2:1

SHT 1 SHTS 1

675-82-34

R80
V

TECHNICAL CONDITIONS

1. Material-substitute is moulding material PCB-4-P-2M, mark 0, ГОСТ 17478-72.
2. Unspecified limit deviations of sizes are as follows: holes according to A₇; shafts according to B₇; other values according to CM₈.
3. Unspecified pressing radii should not exceed 0.5 mm.
4. Drafts should not exceed 1° towards a part body thickened portion.
5. For the other technical requirements, refer to OCT 4.00.005.051.
6. It is permissible to make a part of fabric-based laminate, ГОСТ 2910-74, of any mark, or polyamide П-68С-30, ГОСТ 17648-72.

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-82-34

WASHER

MOULDING MATERIAL PCB-4-P-2M
MARK 0, ГОСТ 17478-72

WEIGHT

SCALE

0.002

2:1

SHT 1

SHTS 1

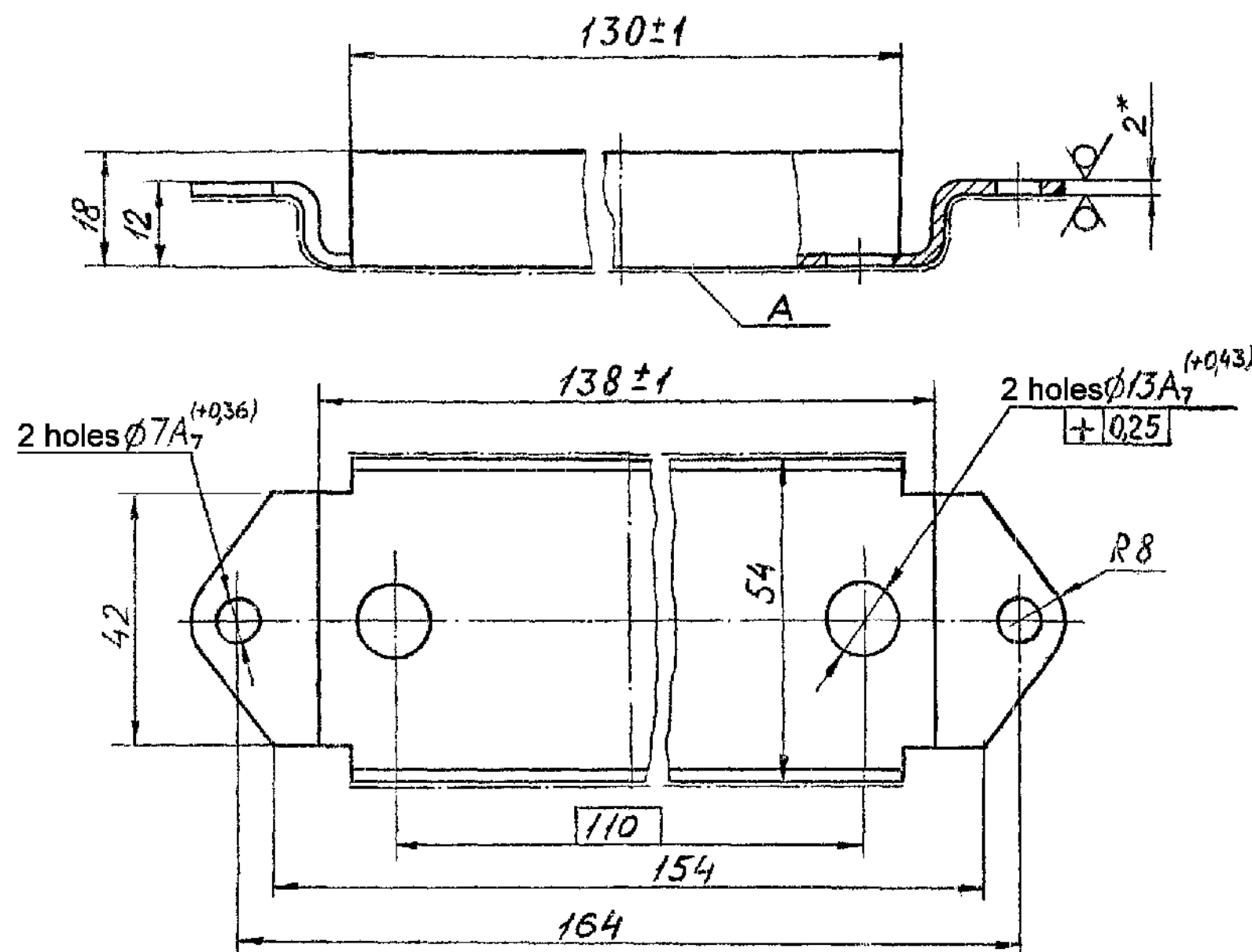
081-96-979

Rz80 (✓)

TECHNICAL CONDITIONS

1. Coating: anodic oxidation with subsequent bichromate treatment or electrolessly phosphated coating (blue). Coat surface A with primer $\Phi\text{M-03}\text{M}$, ГOCT 9109-81, and dark-grey enamel $\Pi\Phi\text{-223}$, ГOCT 14923-78.
2. Unspecified limit deviations of sizes are ± 1 mm.
3. Unspecified bending radii should not exceed 4 mm.
4. *Size is given for reference.
5. Material-substitute is sheet AMr5M-2,0, ГOCT 21631-76

Ⓐ EQ. MATERIAL: ALU. ALLOY SHEET (CLAD) TO GRADE 55000 TO IS: 737-74 OR
ALU. ALLOY SHEET GRADES 4300 TO IS: 737
ALU. ALLOY SHEET TO GRADE 55000 TO IS: 737-74
IS: 1874



00802-ICV 18-02-2000	Ⓐ	EQ. MATERIAL ADDED IN THE DRAWING.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-130

BASE

SHEET AMF 6 5M-2, GOST 21631-76

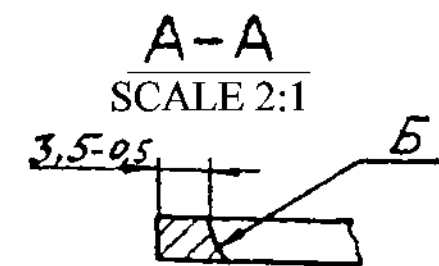
WEIGHT SCALE

0.072 1:1

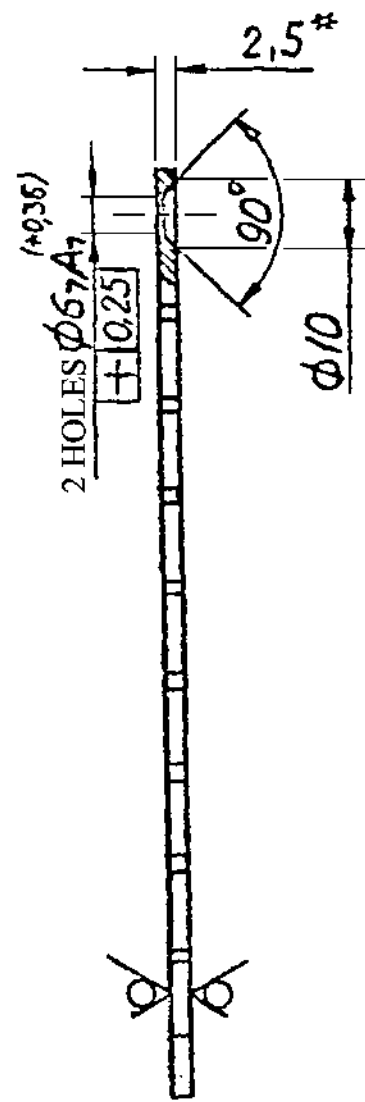
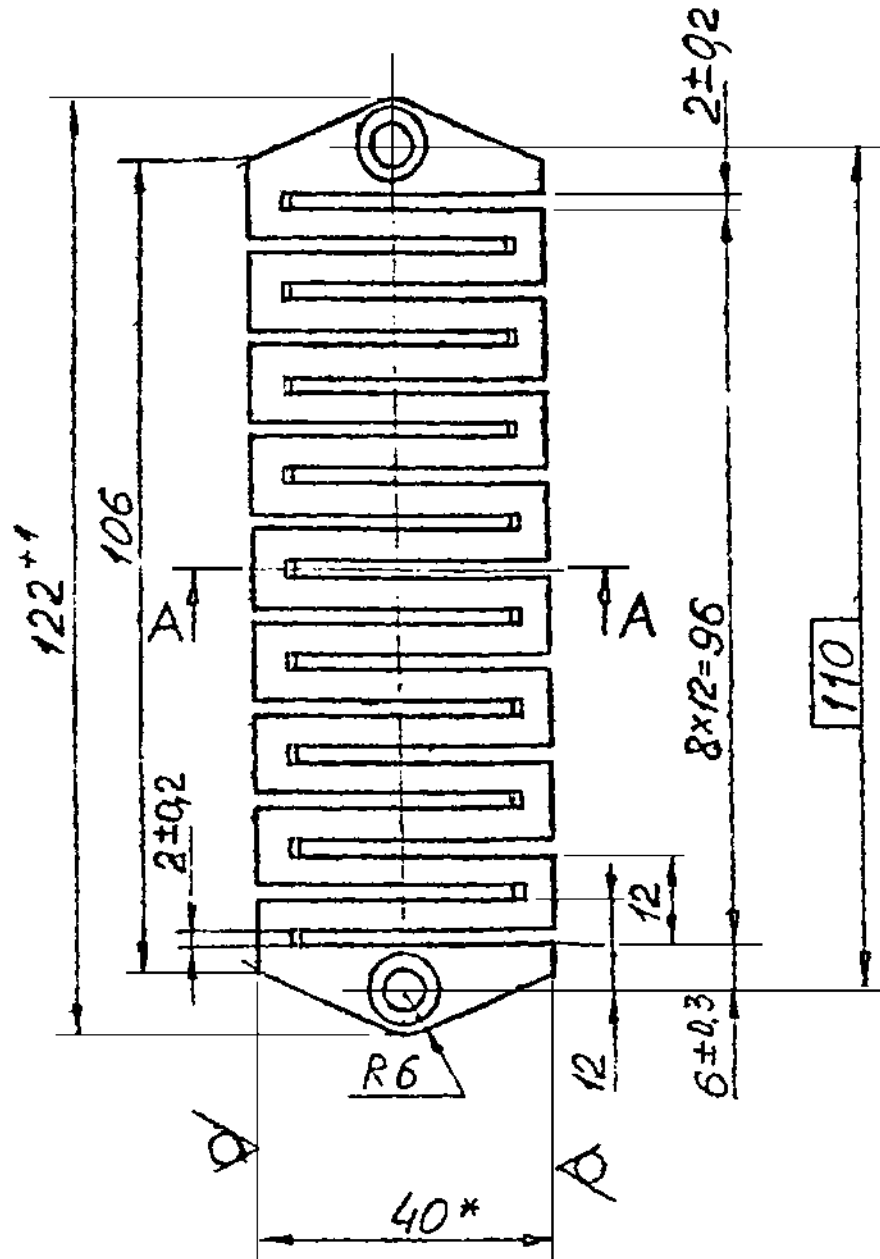
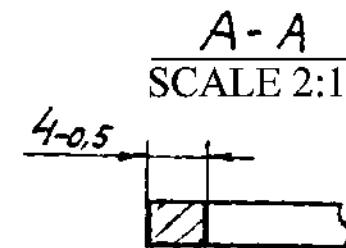
SHT 1 SHTS 1

675-95-131

R280/ (✓)

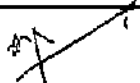


VARIANT



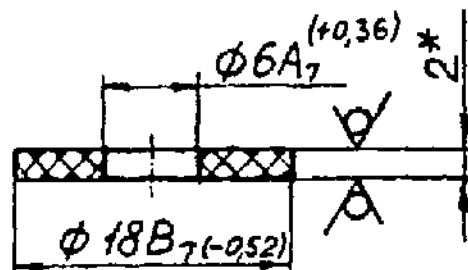
TECHNICAL CONDITIONS

1. Unspecified limit deviations of sizes are according to CM₈.
2. Ensure size 5 by tools.
3. *Sizes are given for references.
4. The shunt resistance value is 0.08_{-0.01} ohm.
Check every 10th shunt for a resistance rated value

APPROVED		675-95-131			
CHECKED		SHUNT		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)				0.081	1:1
			SHT 1 SHTS 1		
		STRIP 2.5x40x20H 80, GOST 12766.2-77			

675-95-133

R280/ (✓) (✓)



TECHNICAL CONDITIONS

1. Material - substitute is glass - textolite CT-I.20, GOST - 12652-74.
2. * Size is given for reference.

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-133

WASHER

TEXTOLITE A-2,0, GOST 2910-74

WEIGHT

SCALE

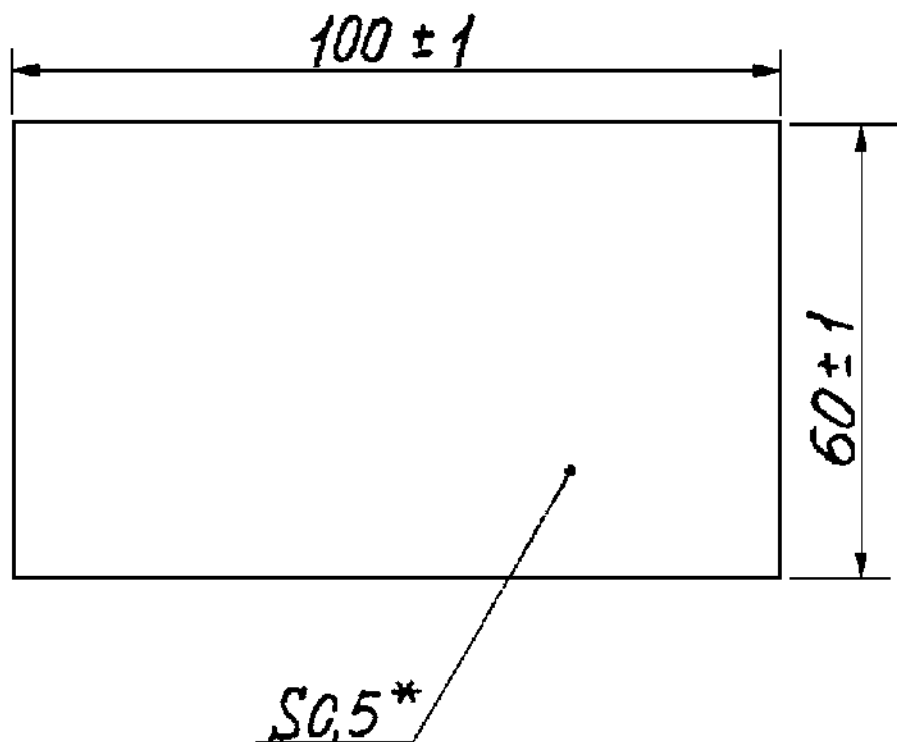
0.0007

2:1

SHT 1

SHTS 1

675-95-135



TECHNICAL CONDITIONS

*Size is given for reference

APPROVED

CHECKED

[Signature]

675-95-135

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

GASKET

ELECTRICAL INSULATING BOARD
MARK "ЭБ"-0.5, GOST 2824-75

WEIGHT

SCALE

0.002

1:1

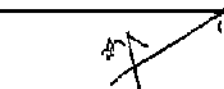
SHT 1

SHTS 1

1. Material-substitute is sheet AMr5M-1,5, ГОСТ 21631-76.
2. Unspecified limit deviations of sizes are as follows: of sizes up to 80 mm, ± 0.5 mm; of sizes above 80 mm, ± 1 mm.
3. Unspecified bending radii are 3 mm.
4. *Size is given for reference

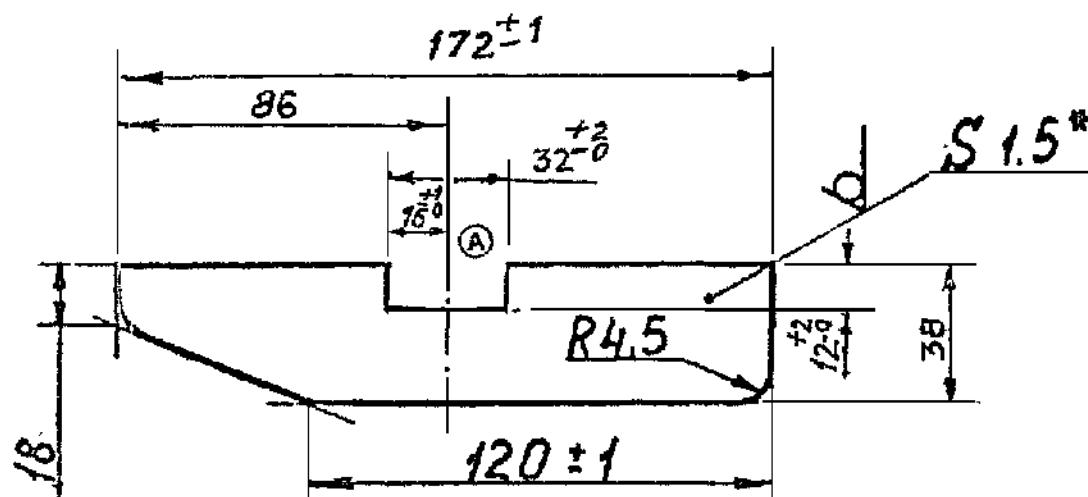
(A) EQ. MATERIAL:- ALUMINIUM ALLOY SHEET (CLADED) TO GRADE-55000 TO IS:737-74
ALUMINIUM ALLOY SHEET GRADE 54300 TO IS: 737-74
ALUMINIUM ALLOY SHEET TO GRADE-55000 TO IS: 737-74

00802-ICV <i>[Signature]</i> 18-08-2000	(A)	EQ. MATERIAL ADDED IN THE DRAWING.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED		675-95-136			
CHECKED			BASE	WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)				0.067	1:2
	SHT 1 SHTS 1				
		SHEET AMF 65M-1.5, GOST 21631-76			

131-96-979

Rz80
✓(✓)



TECHNICAL CONDITIONS

1. Material-substitute is sheet AMr5M-1,5, ГОСТ 21631-76.
2. Unspecified limit deviations of sizes are ± 0.5 mm.
3. *Size is given for reference

Ⓑ EQ. MATERIAL:—ALUMINIUM ALLOY SHEET (CLAD) TO GRADE-55000 TO IS: 737-74.
OR
ALUMINIUM ALLOY SHEET GRADE 54300 TO IS: 737-74
OR
ALUMINIUM ALLOY SHEET TO GRADE-55000 TO IS: 737-74

00802-ICV

Ⓑ

EQ. MATERIAL ADDED
IN THE DRAWING.

18-8-2000

00220-ICV

Ⓐ

A CUT 32x12 PROVIDED
AS SHOWN.

21-2-91

DC(I)No.
& DATE

ISSUE

AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-137

RIB

WEIGHT

SCALE

0.016

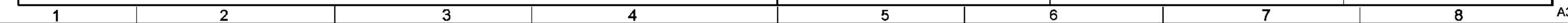
1:2

SHT 1

SHTS 1

SHEET AMr 65M-1.5, GOST 21631-76

Rz160/

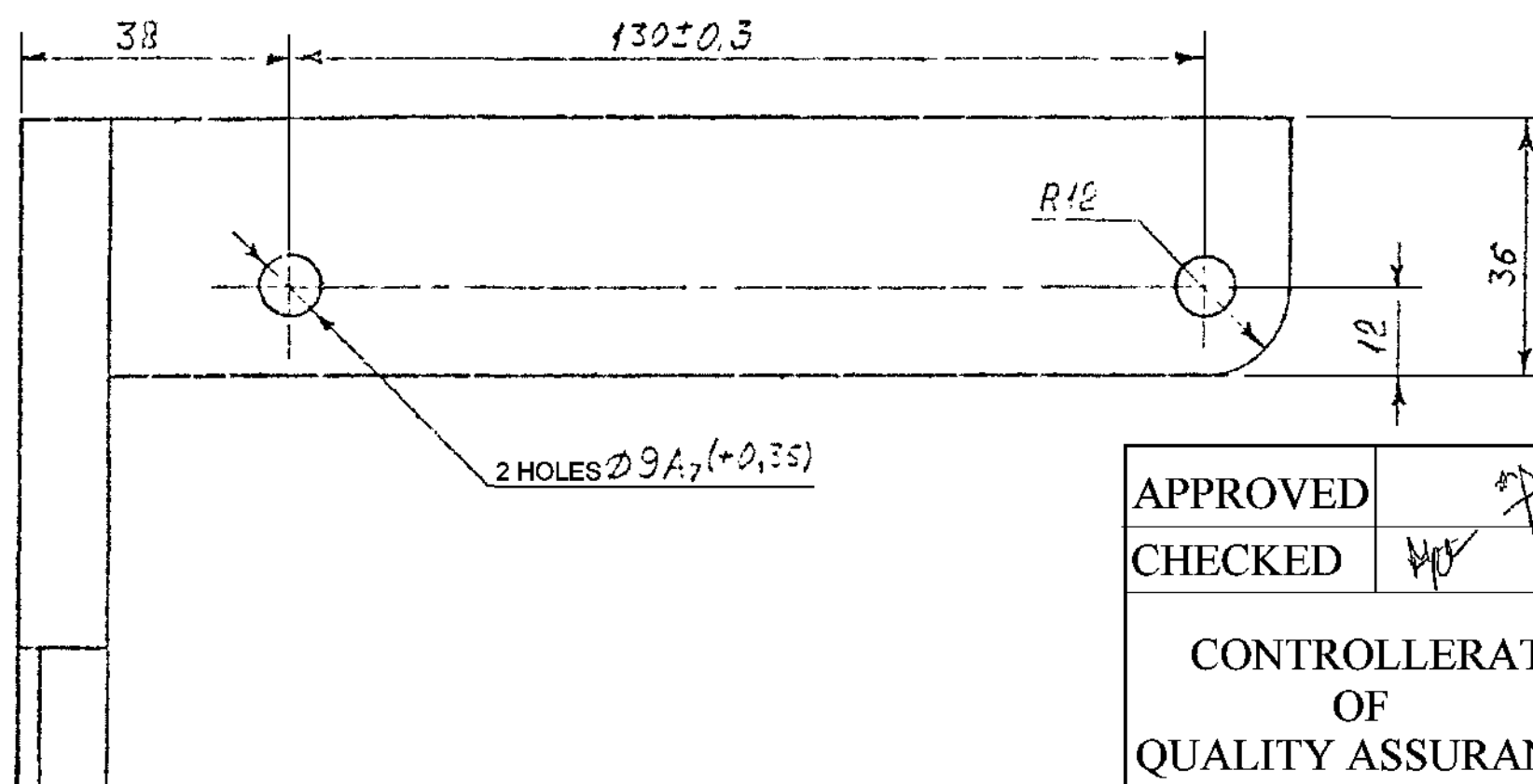
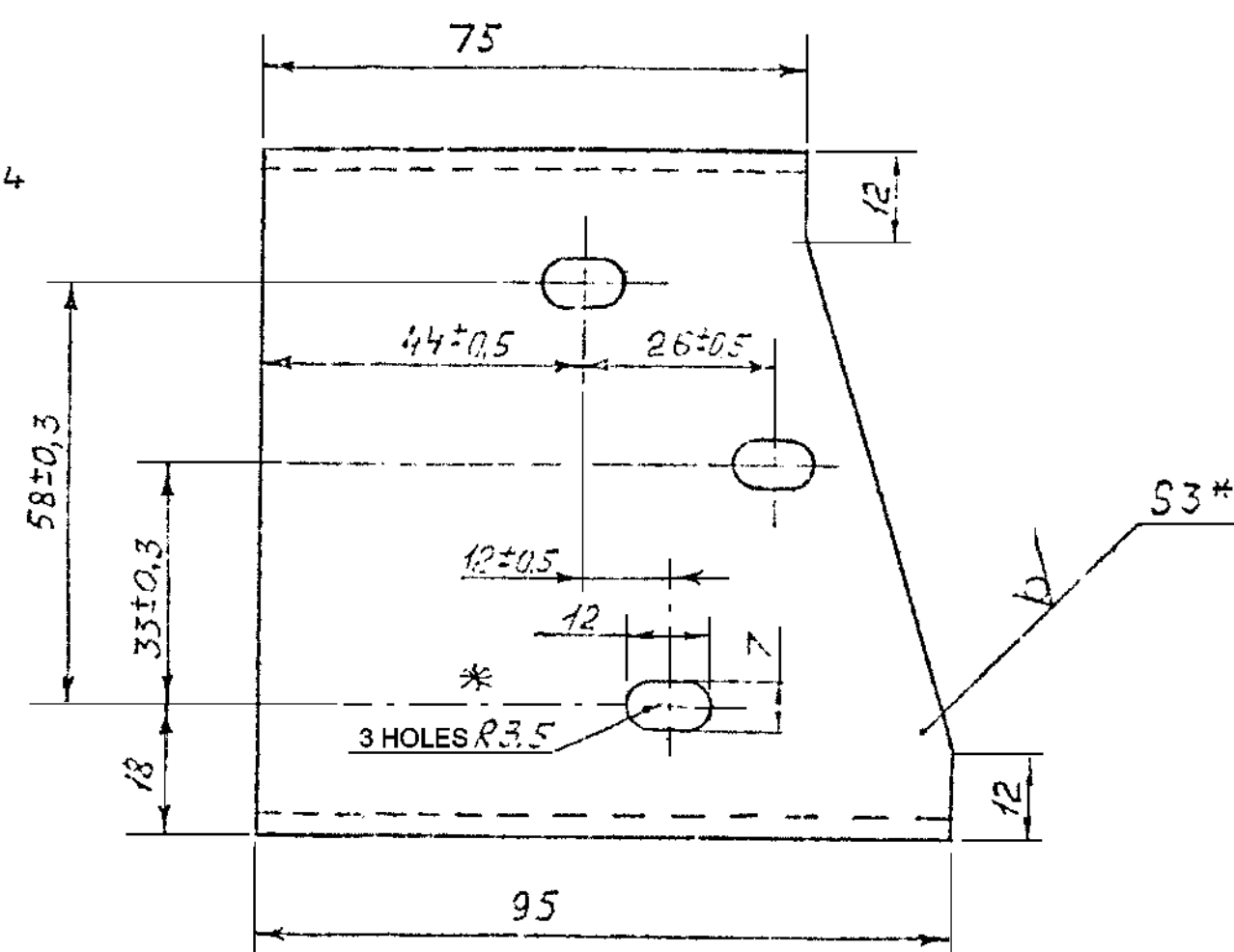
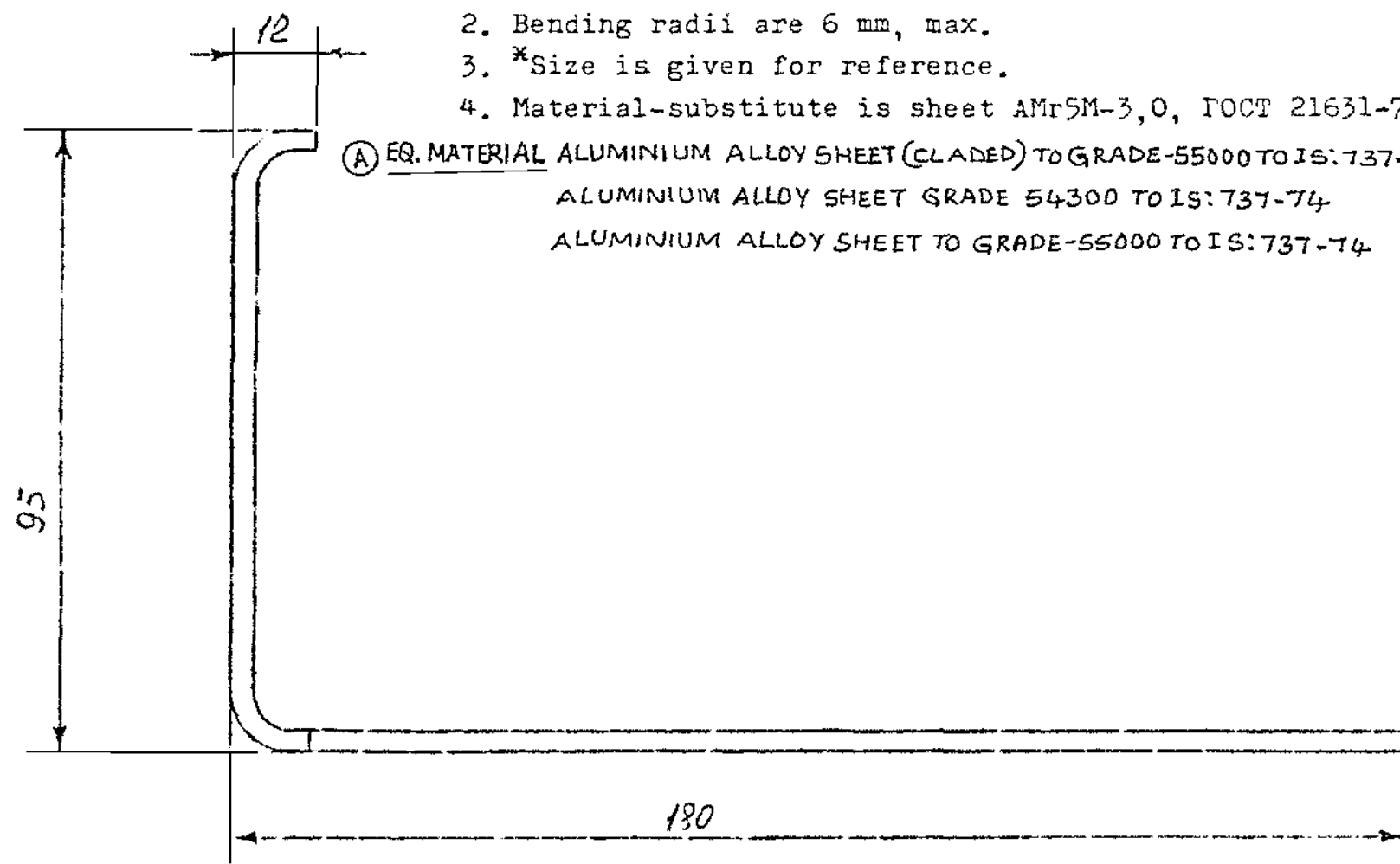


675-95-153

TECHNICAL CONDITIONS

1. Unspecified limit deviations of sizes are ± 1 mm.
2. Bending radii are 6 mm, max.
3. *Size is given for reference.
4. Material-substitute is sheet AMr5M-3,0, ГОСТ 21631-76

Ⓐ EQ. MATERIAL ALUMINIUM ALLOY SHEET (CLADED) TO GRADE-55000 TO IS: 737-74
ALUMINIUM ALLOY SHEET GRADE 54300 TO IS: 737-74
ALUMINIUM ALLOY SHEET TO GRADE-55000 TO IS: 737-74



00802-ICV <i>File</i> 18-08-2000	Ⓐ	EQ. MATERIAL ADDED IN THE DRAWING.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-153

BRACKET

SHEET AMr6 5M-3, GOST 21631-76

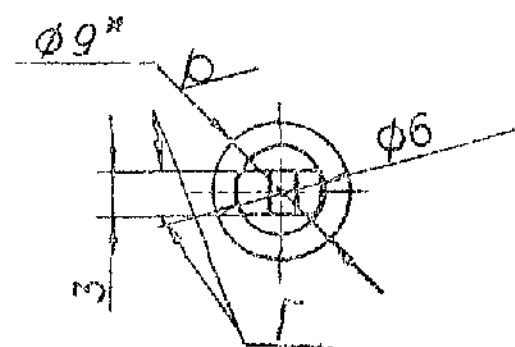
WEIGHT SCALE

0.11 1:1

SHT 1 SHTS 1

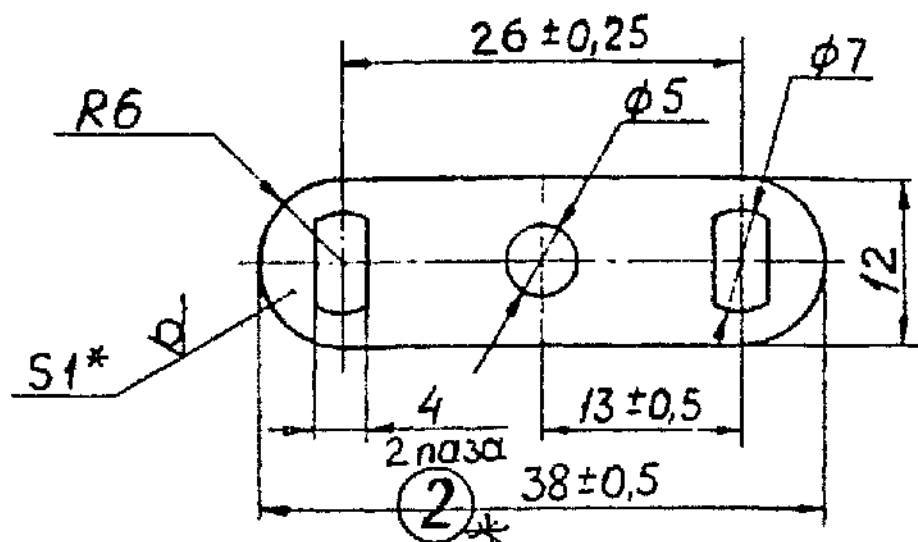
A3

(A) EQ. MATERIAL:- BRASS GRADE-2 TO IS: 291-77
OR
LEADED-BRASS GRADE Cu Zn 39 Pb₂ TO IS: 531-81
OR
GRADE Sn 40 TO IS: 193-82



00802-ICV <i>Indira</i> 18-08-2000	(A)	EQ. MATERIAL ADDED IN THE DRAWING.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED		675-95-155			
CHECKED		BRUSH		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)			0.0082	2:1	
	SHT 1 SHTS 1				
		ROUND BAR ЛС59-1Т.кp.Н- ПТ-9 GOST 2060-73			



*② 2 slots

TECHNICAL CONDITIONS

- *Size is given for reference.
- Unspecified limit deviations of sizes are as follows: holes according to A₇; shafts according to B₇.
- Coating: Kd.9xp (cadmium plating followed by chromate treatment, cadmium coat of 9 microns thick)

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

00802-ICV

18-08-2000

DC(I)No.
& DATE

Ⓐ

EQ. MATERIAL ADDED
IN THE DRAWING.

ISSUE

AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-157

BUS

WEIGHT

SCALE

0.0012

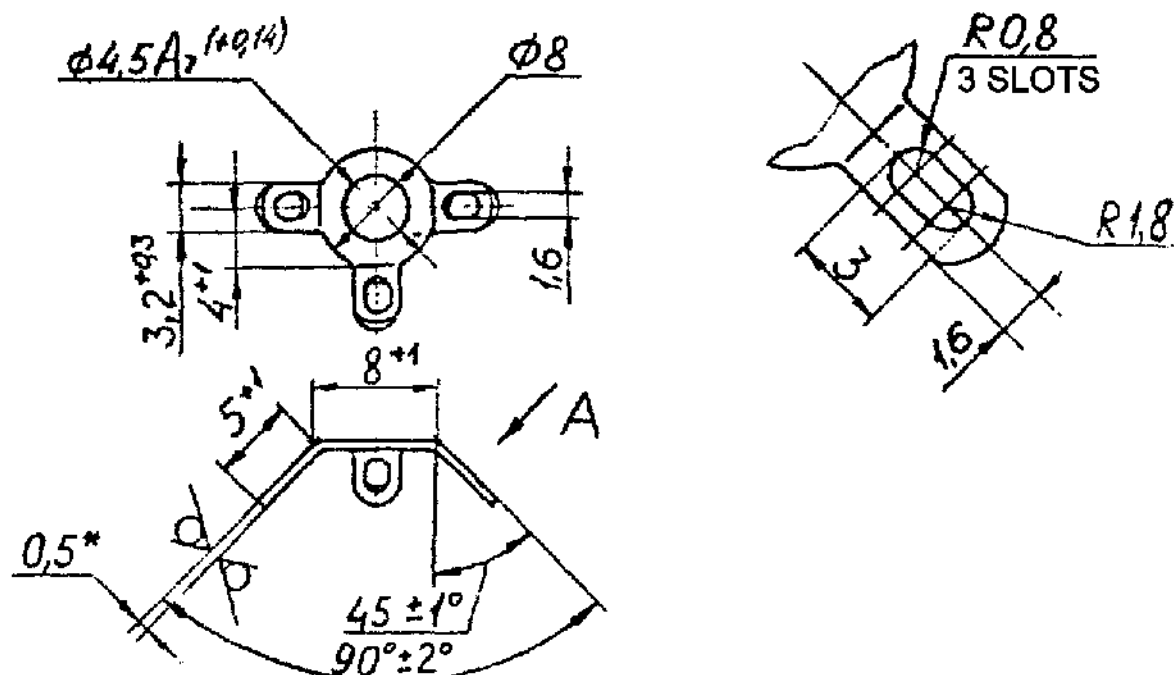
2:1

SHT 1

SHTS 1

SHEET A-1, GOST 19904-74
5-II-F-10, GOST 16523-70

891-96-979

Rz80
✓(✓)VIEW-A
SCALE 4:1TECHNICAL CONDITIONS

1. Unspecified limit deviations of sizes are ± 0.5 mm.
2. *Size is given for reference.
3. Coating: Top. ЧПОС 40 solder, ГОСТ 21930-76

(A) EQ. MATERIAL:- BRASS SHEET GRADE CUZn27 TO IS: 410-77
 GRADE Sn40^{OR} TO IS: 193-82

00802-ICV

18-08-2000

DC(I)No.

& DATE

(A)

EQ. MATERIAL ADDED
IN THE DRAWING.

ISSUE

AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-158

LUG

WEIGHT

SCALE

0.0003

2:1

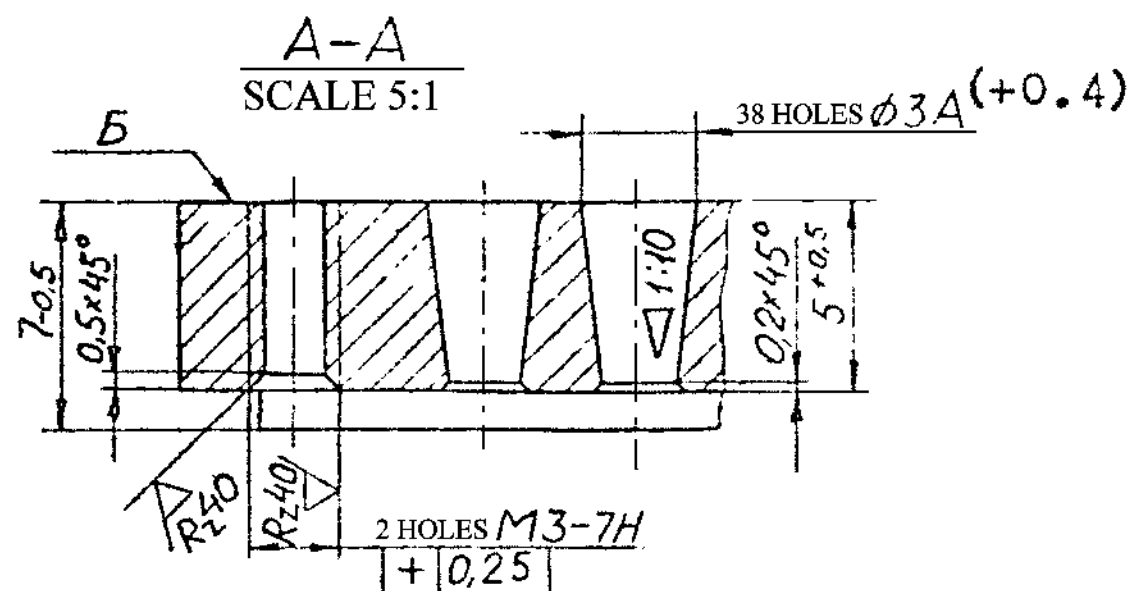
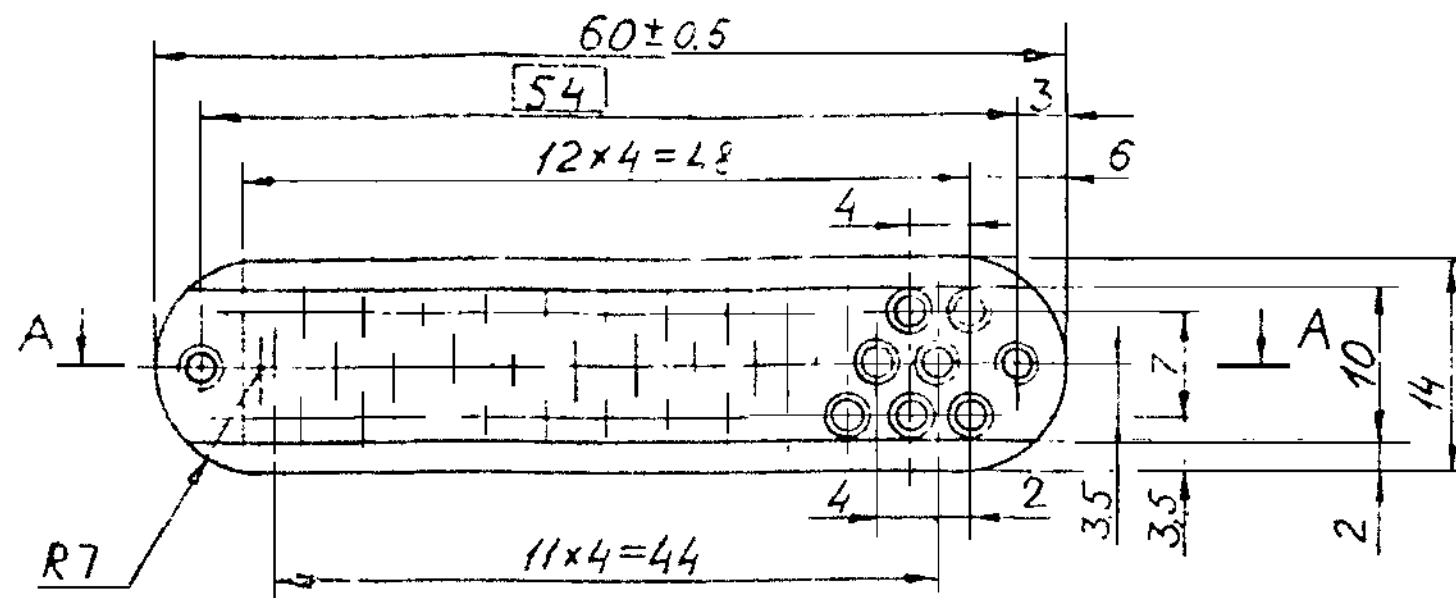
SHT 1

SHTS 1

SHEET ДЛРХМ 0,5, Л63,
ГОСТ 931-78

691-96-979

R280 (✓)



TECHNICAL CONDITIONS

1. Material-substitute is AL2, GOST 2685-75.
2. Coating: anodic oxidation with subsequent bichromate treatment or electrolessly phosphated coating (blue).
3. Unspecified limit deviations of sizes are as follows: shafts according to B₇; holes according to A₇; other values according to CM₈.
4. Unspecified casting radii should not exceed 1 mm.
5. Drafts should not exceed 2° towards the part body increasing portion.
6. Permissible traces made by a pusher should not exceed 0.5 mm on surface B.
7. For the other requirements to casting, see Technical Requirements TT AL-370

① EQ. MATERIAL: CAST ALUMINIUM ALLOY
 { GRADE 4450 TO IS: 617-75 OR
 CAST ALUMINIUM ALLOY }
 GRADE 4600 TO IS: 617-75 }

00802-ICV
 18-08-2000
 DC(I) No.
 & DATE

①

EQ. MATERIAL ADDED
IN THE DRAWING.

ISSUE

AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
 OF
 QUALITY ASSURANCE
 (ICV)

675-95-159

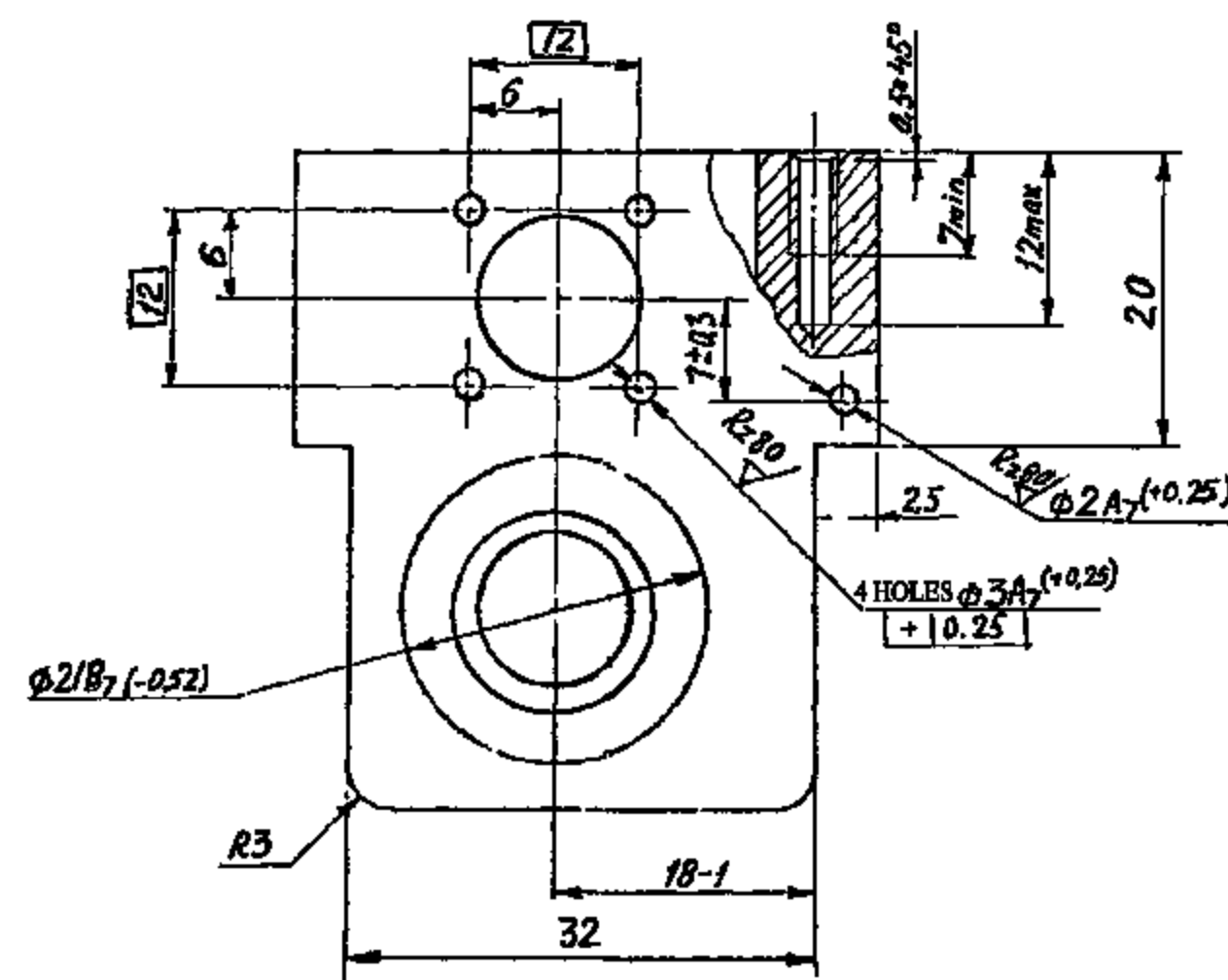
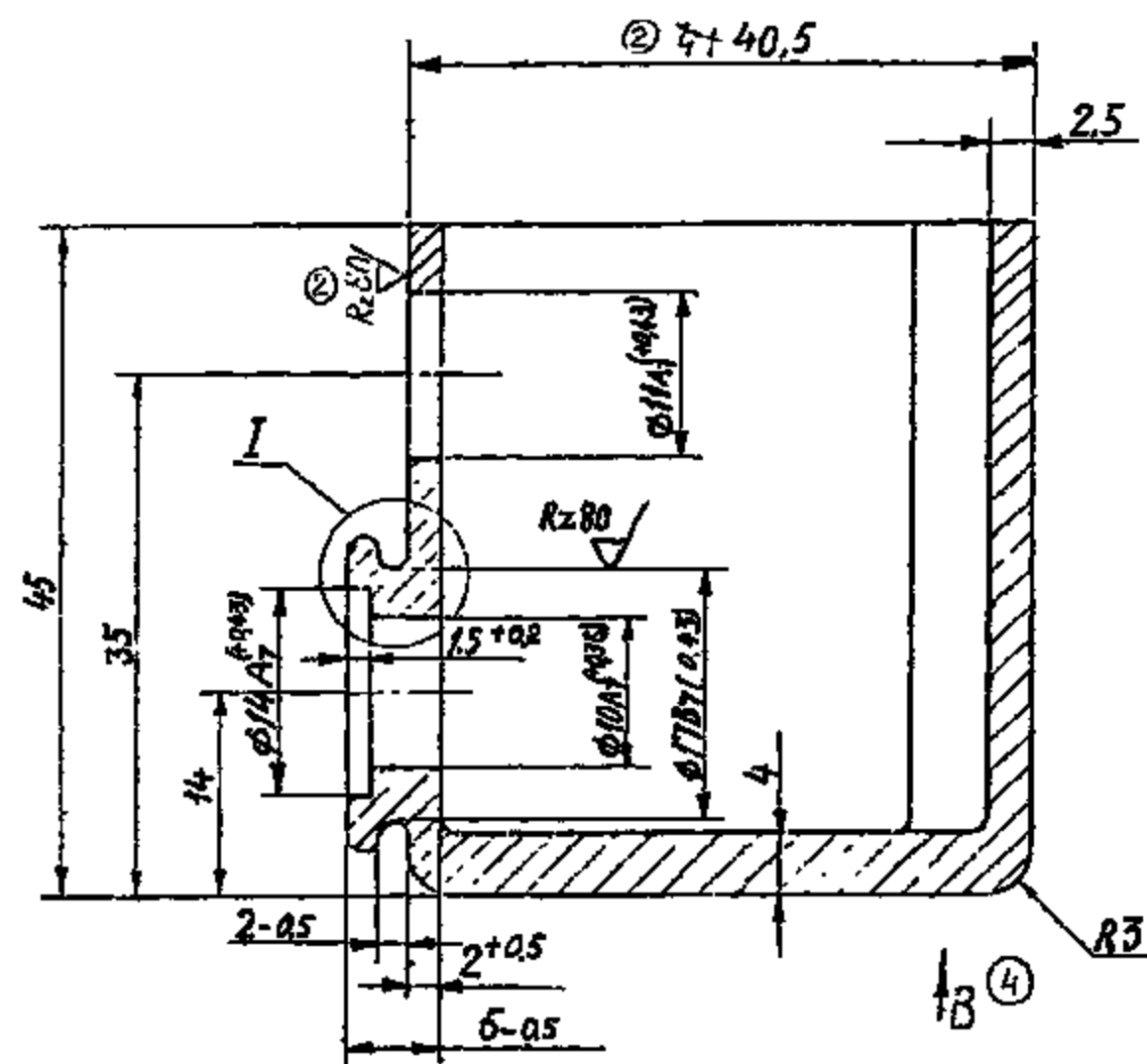
HOLDER

AL9, GOST 2685-75

WEIGHT SCALE

0.009 2:1

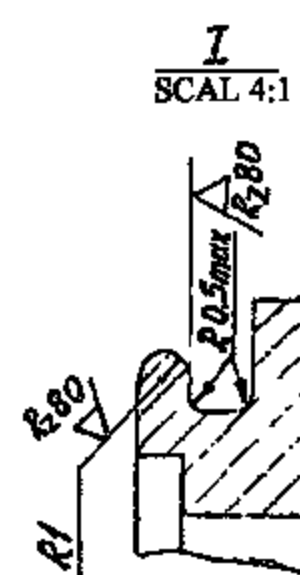
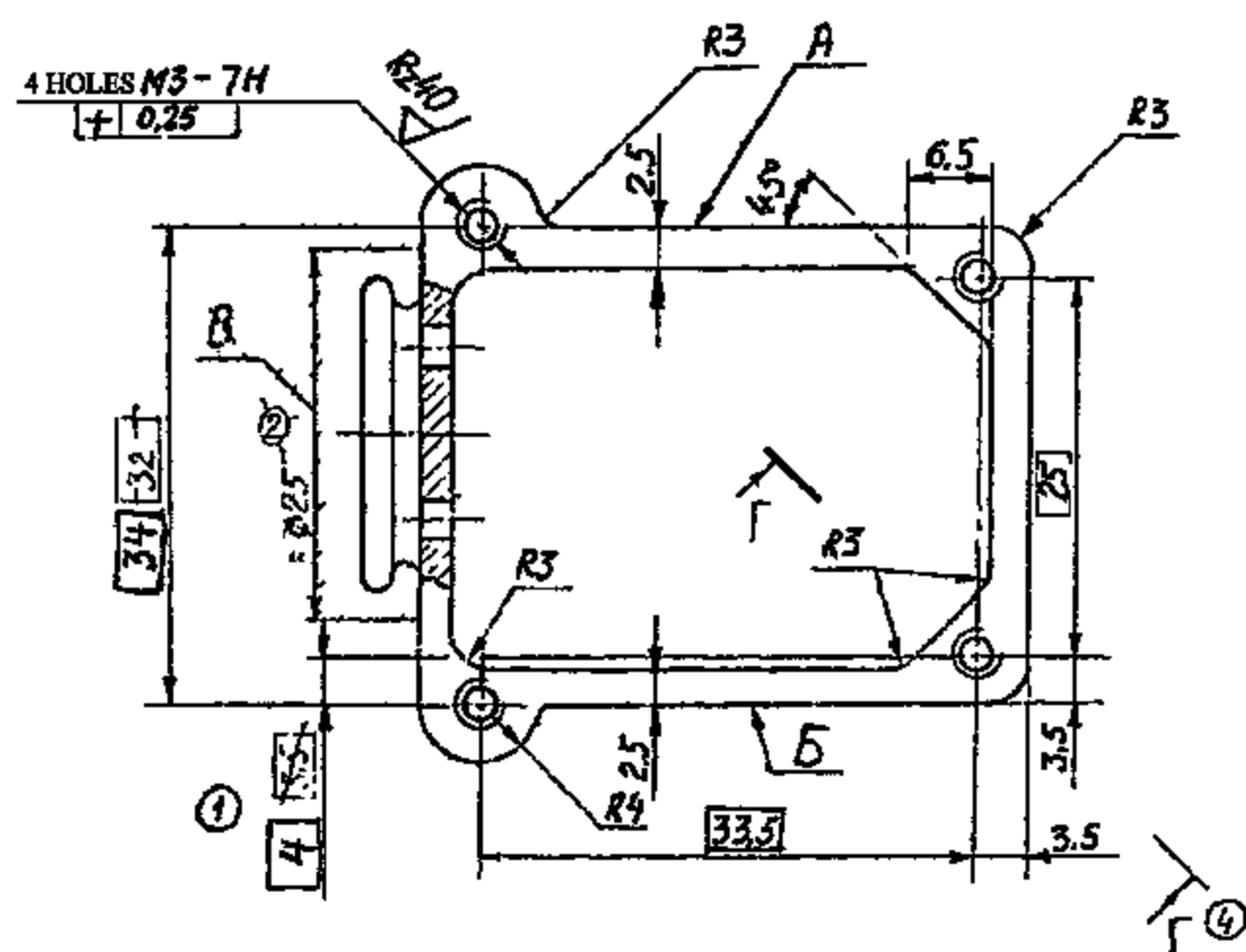
SHT 1 SHTS 1



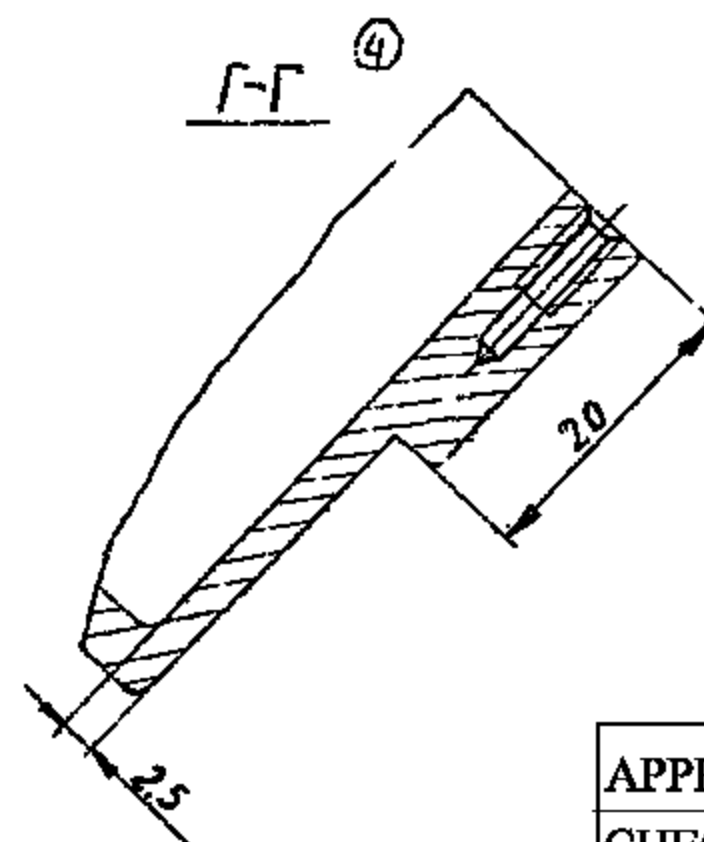
TECHNICAL CONDITIONS

1. Material-substitute is AL4B, ГОСТ 2685-75.
2. Unspecified limit deviations of sizes are ± 0.5 mm.
3. Unspecified casting radii are 1 mm.
4. Permissible traces made by a pusher on surface A are ± 0.5 mm.
5. Drafts should not exceed 2° towards the tolerance increasing value.
6. Surface B may have a cut, 0.5 mm deep, max.
7. For the other requirements to casting, see Technical Requirements TT AL-370.
8. Coating: anodic oxidation with subsequent bichromate treatment or electrolessly phosphated coating (blue). Coat the outer surfaces with primer 4N-03K, ГОСТ 9109-81, and khaki enamel XB-518 TV 6-10-966-75. Keep the threaded holes from painting.

(A) EQ. MATERIAL:- CAST ALUMINIUM ALLOY, GRADE 4600 TO IS: 617-75 OR GRADE 4520 TO IS: 617-75



VIEW-B ④

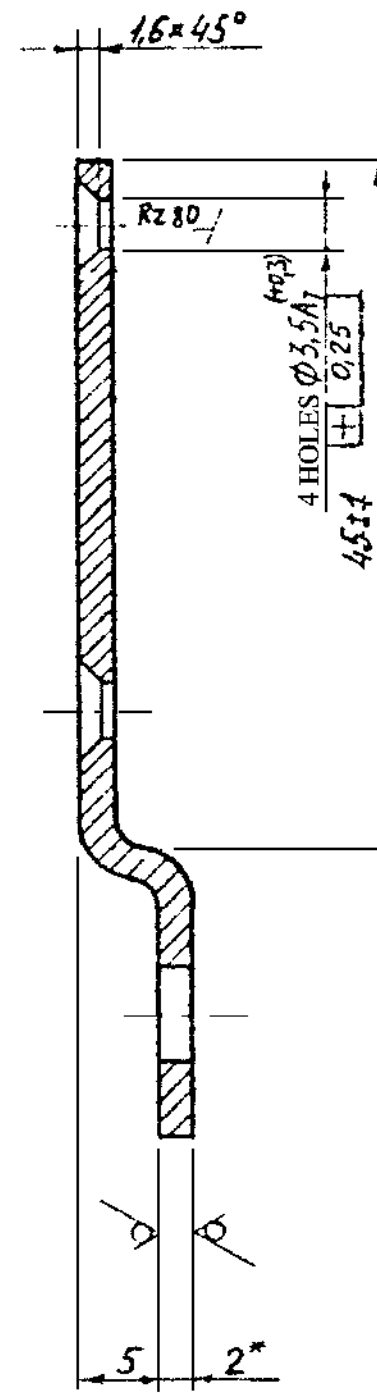
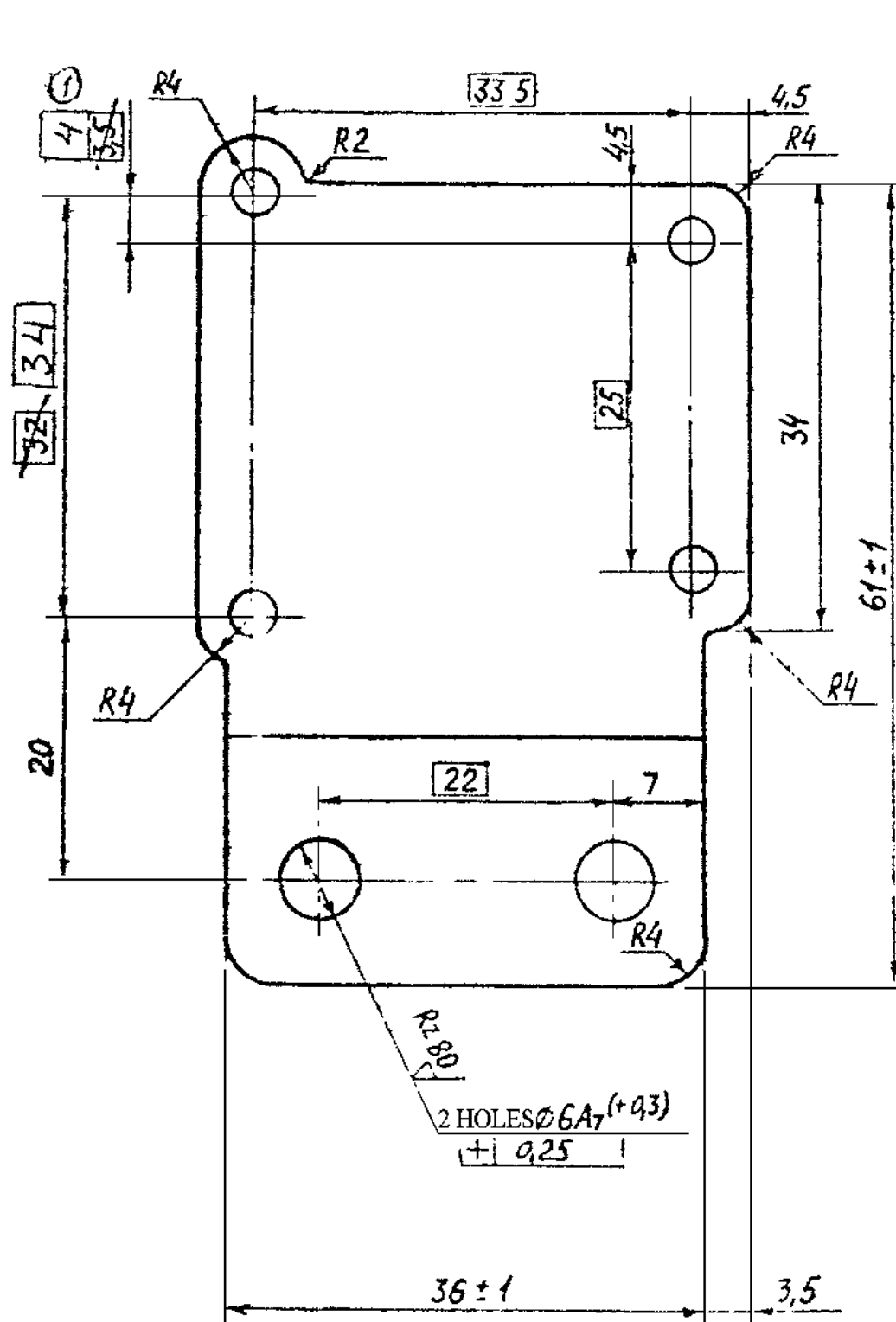


00802-ICV 18-08-2000 DC(T)No. & DATE	(A)	EQ. MATERIAL ADDED IN THE DRAWING.
ISSUE	AMENDMENTS	

APPROVED	675-95-161			
CHECKED				
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	HOUSING		WEIGHT	SCALE
			0.059	2:1
	A/12, GOST 2685-75		SHT 1	SHTS 1

791-96-979

Rz 160 / (✓)



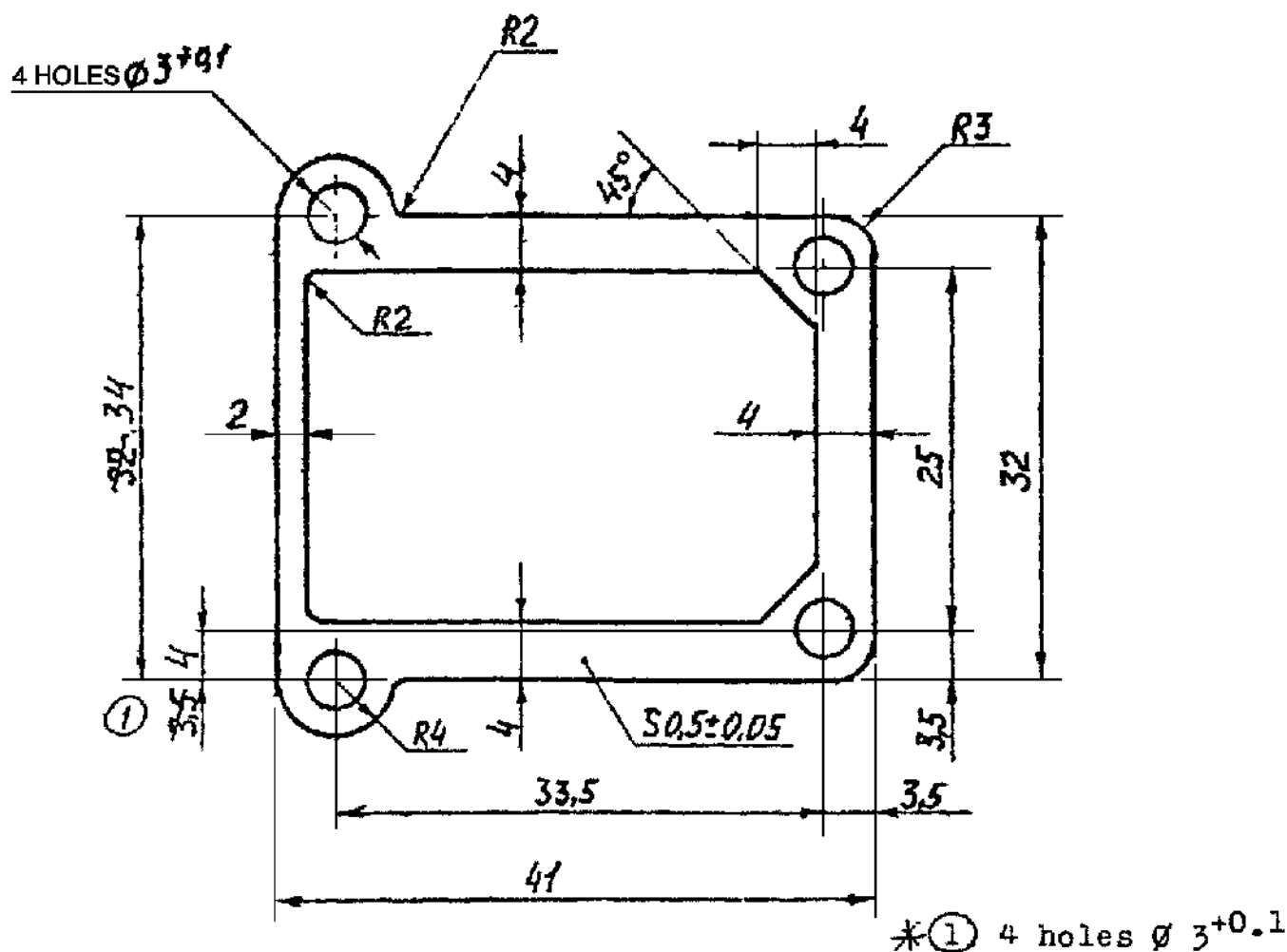
TECHNICAL CONDITIONS

1. Material-substitute is steel 15, steel 20, steel 25, ГОСТ 1050-74.
 2. For coating use primer ФЛ-03К, ГОСТ 9109-81, and khaki enamel XB-518 TV 6-10-966-75.
 3. Unspecified limit deviations of sizes are ± 0.5 mm.
 4. Bending radii are 2 mm.
 5. *Size is given for reference.
- Ⓐ EQ. MATERIAL:— COLD ROLLED STEEL STRIP TO GRADE '0' TO IS: 4030-73

00802-ICV 18-08-2000 DC(I)No. & DATE	Ⓐ	EQ. MATERIAL ADDED IN THE DRAWING.
ISSUE	AMENDMENTS	

APPROVED	675-95-162			
CHECKED				
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	COVER		WEIGHT	SCALE
			0.031	2:1
	SHEET 52, GOST 19903-74 3-II-Cr3cn, GOST 16523-70		SHT 1	SHTS 1

675-95-163



TECHNICAL CONDITIONS

Unspecified limit deviations of sizes are ± 0.5 mm

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-163

GASKET

GSKET BOARD, MARK A
GOST 9347-74

WEIGHT

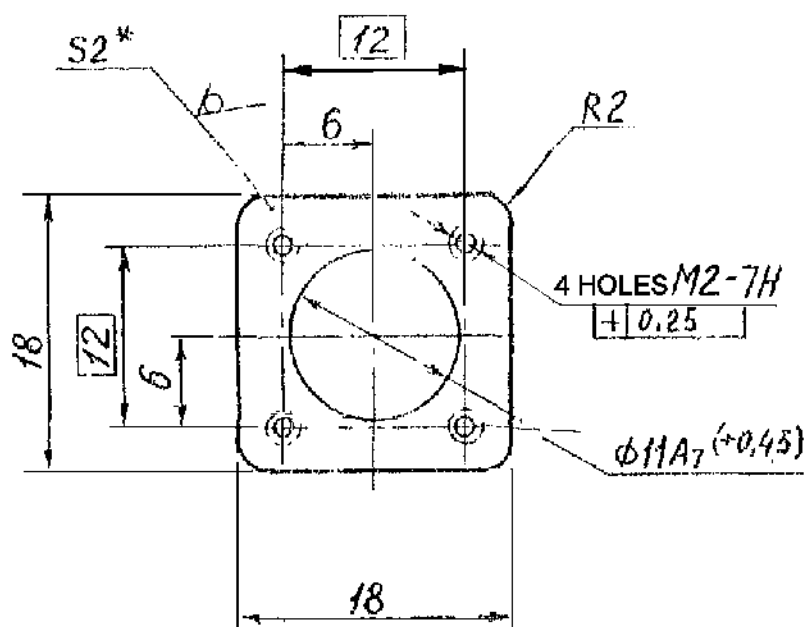
SCALE

0.003

2:1

SHT 1

SHTS 1



TECHNICAL CONDITIONS

1. Material-substitute is steel 15, steel 20, steel 25, ГОСТ 1050-74.
2. Coating: 11.9xp (zinc plating followed by chromate treatment, zinc coat of 9 microns thick).
3. Unspecified limit deviations of sizes are ± 0.5 mm.
4. *Size is given for reference.

(A) EQ. MATERIAL: - COLD ROLLED STEEL SHEET ED D/2 TO IS: 4030-74

00802-ICV

18-08-2000

DC(I)No.

& DATE

(A)

EQ. MATERIAL ADDED
IN THE DRAWING.

ISSUE

AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-164

FLANGE

WEIGHT

SCALE

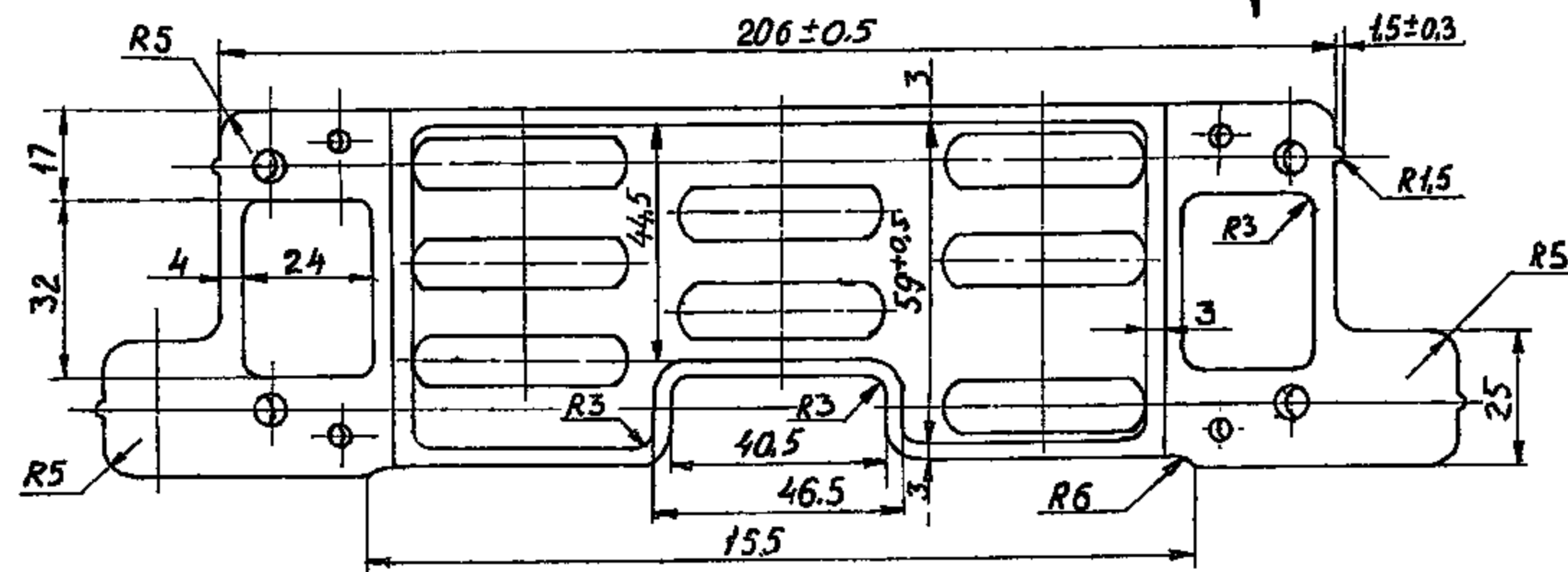
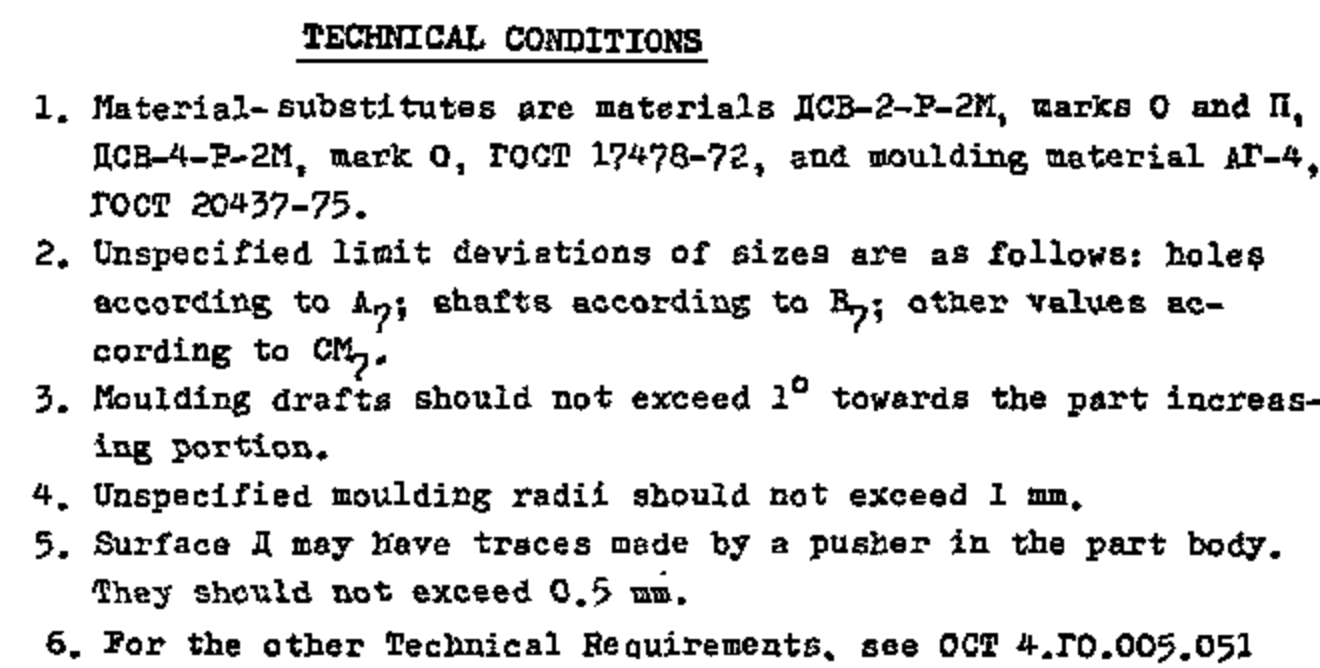
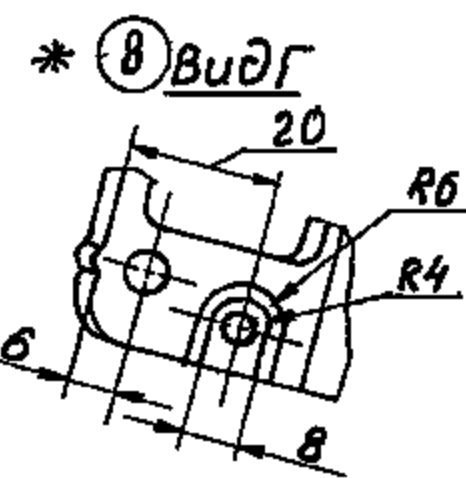
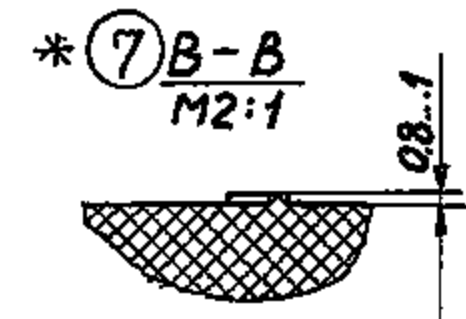
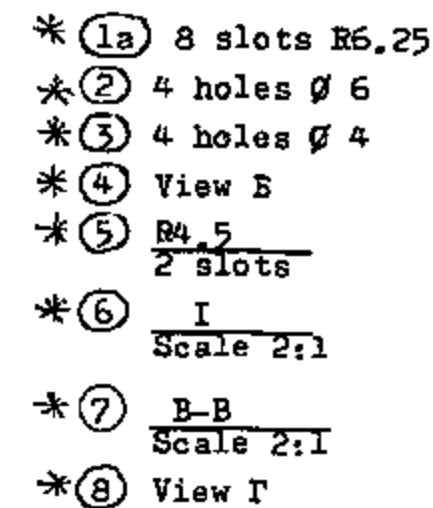
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2:1

SHT 1

SHTS 1

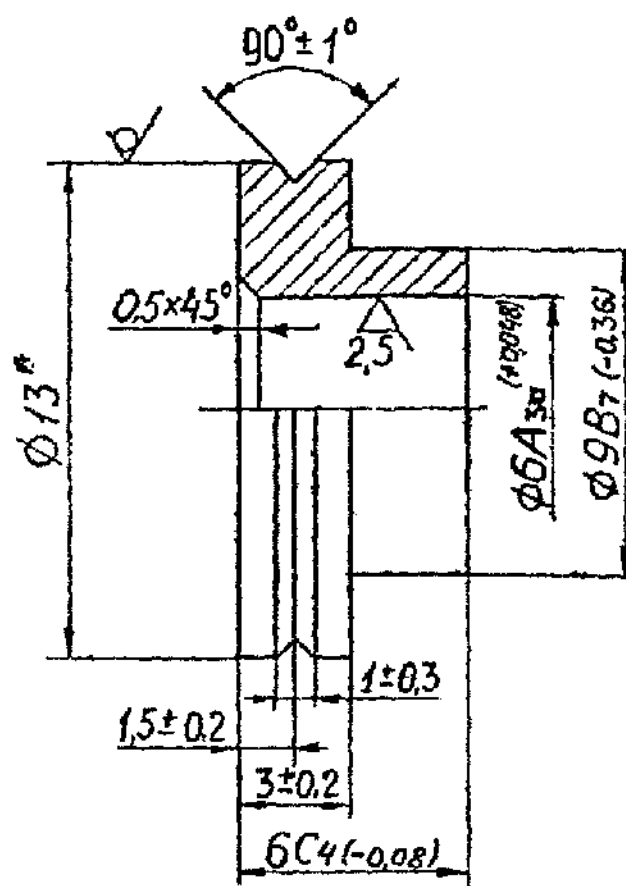
SHEET 52, GOST 19903-74
3-II-Cr3cn, GOST 16523-70



APPROVED		675-95-175			
CHECKED					
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		BODY		WEIGHT	SCALE
				0.16	1:1
			SHT 1 SHTS 1		
		MOULDING METAL Д.СВ-4-Р-2М, MARK II, GOST 17478-72			

971-96-979

Rz40/(✓)



TECHNICAL CONDITIONS

(1) *Size is given for reference

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-176

BUSHING

WEIGHT

SCALE

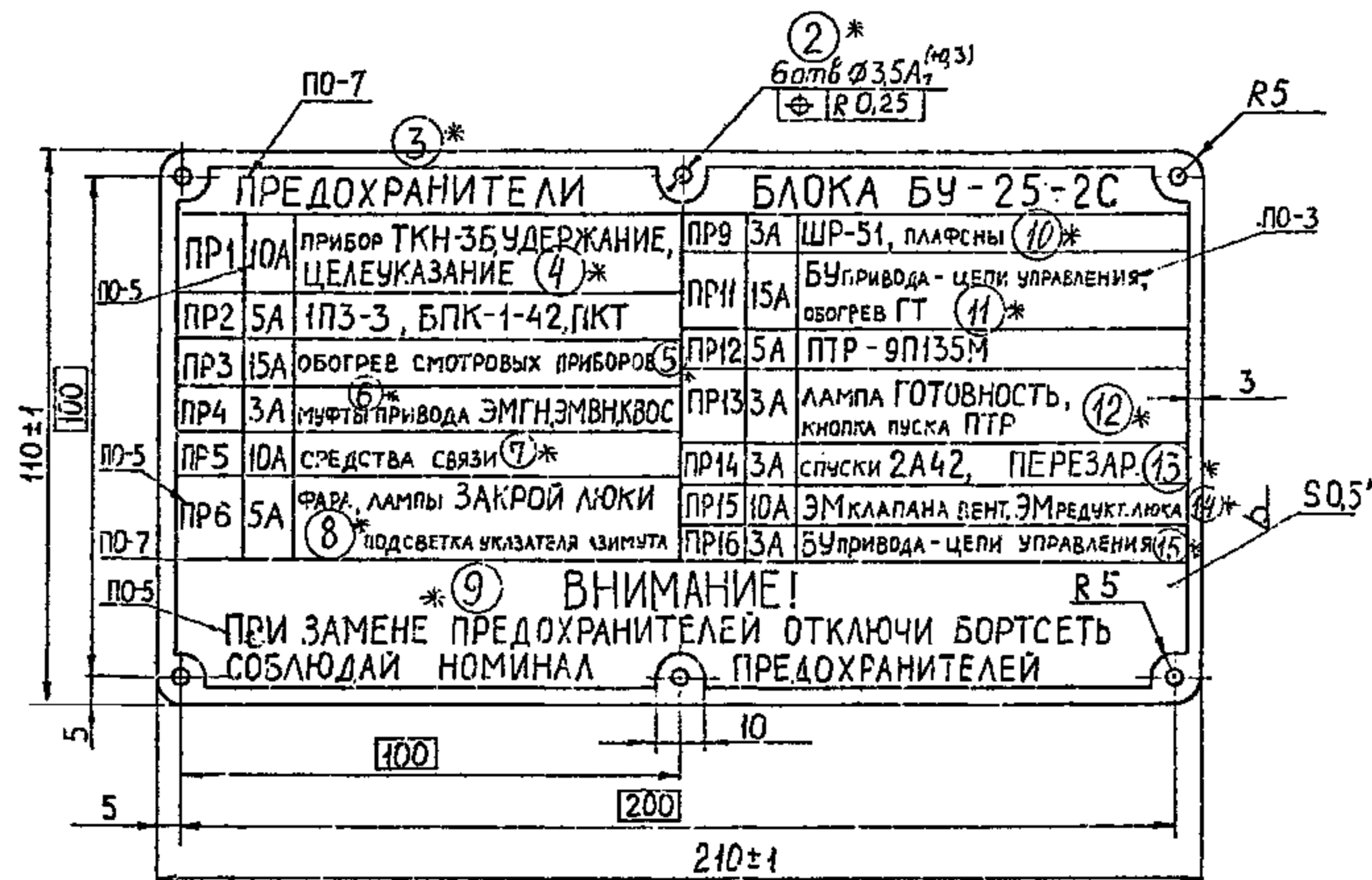
0.0032

5:1

SHT 1

SHTS 1

BAR II крНЛ 13,ОНД брАМЦ -9-2
GOST 1628-78



TECHNICAL CONDITIONS

1. Material-substitute is Л68, ГОСТ 15527-70.
2. Coat the plate face with clear varnish ПФ-283, ГОСТ 5470-75.
3. Photochemical etching:
 - (a) background of the face is black;
 - (b) letters, digits and signs are of a metal colour.
4. Lettering should be without a slope, according to ГОСТ 2930-62.
5. Unspecified limit deviations of sizes are ± 0.5 mm.
6. *Size is given for reference

① EQ. MATERIAL:- ALUMINIUM ALLOY (CLAD) TO GRADE 24530
TO IS: 8560-77 OR COPPER-ZINC ALLOY (BRASS)
PRESSURE TREATED TYPE
CUZn30 TO IS: 410-77.

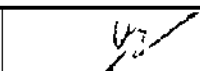
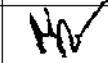
- * ② 6 holes $\varnothing 3.5A_7 (+0.3)$
- * ③ FUSES OF CONTROL UNIT BU-25-2C (ПРЕДОХРАНИТЕЛИ БЛОКА БУ-25-2С)
- * ④ DEVICE ТХН-3Б, RETAINING, TARGET DESIGNATION (ПРИБОР ТХН-3Б, УДЕРЖАНИЕ, ЦЕЛЕУКАЗАНИЕ)
- * ⑤ VISION DEVICE HEATING (ОБОГРЕВ СМОТРОВЫХ ПРИБОРОВ)
- * ⑥ CLUTCHES OF DRIVE (МУФТЫ ПРИВОДА)
- * ⑦ COMMUNICATION FACILITIES (СРЕДСТВА СВЯЗИ)
- * ⑧ HEADLIGHT, LAMPS "CLOSE HATCHES" (ФАРА, ЛАМПЫ "ЗАКРОЙ ЛЮКИ")
- * ⑨ WARNING: WHEN REPLACING FUSES, CUT OUT MAINS
ВНИМАНИЕ! ПРИ ЗАМЕНЕ ПРЕДОХРАНИТЕЛЕЙ ОТКЛЮЧИ БОРТСЕТЬ
СОБЛЮДАЙ НОМИНАЛ ПРЕДОХРАНИТЕЛЕЙ

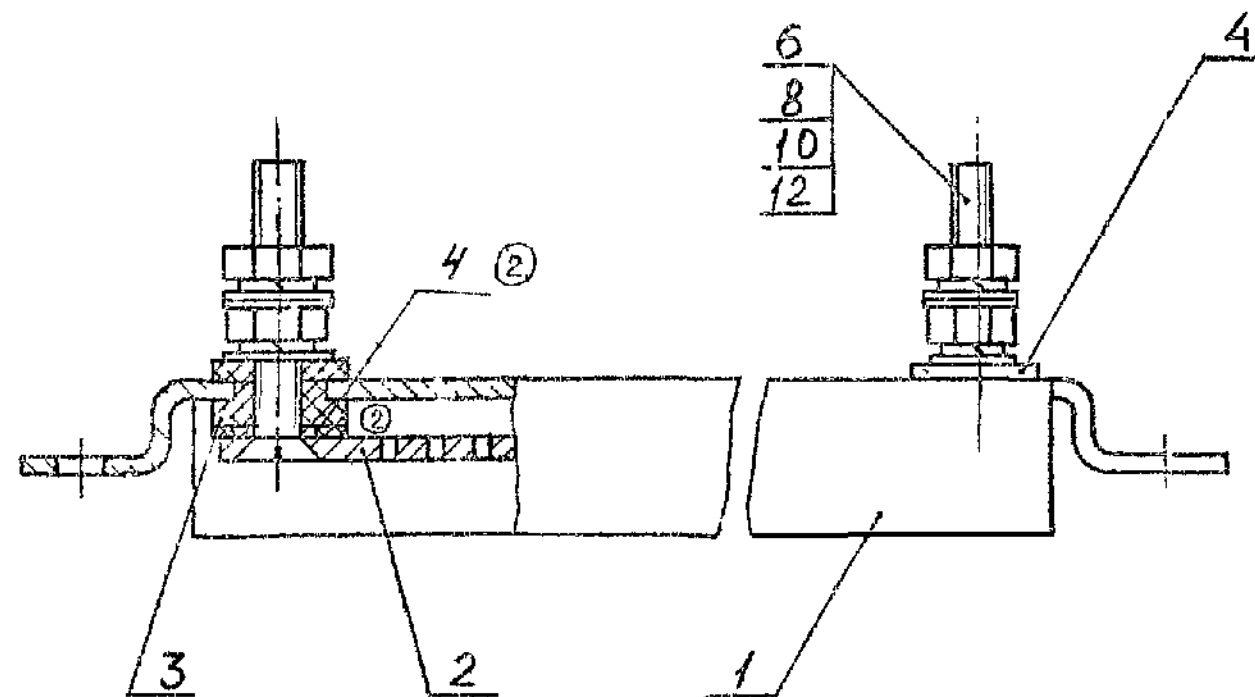
- * ⑩ DOME LIGHTS (ПЛАФОН)
- * ⑪ DRIVE CU - CONTROL CIRCUITS, GT HEATING
(БУ ПРИВОДА - ЦЕПИ УПРАВЛЕНИЯ, ОБОГРЕВ ГТ)
- * ⑫ LAMP "READY", "ATM" FIRING BUTTON (ЛАМПА "ГОТОВНОСТЬ", КНОПКА ПУСКА "ПТР")
- * ⑬ 2A42 TRIGGERS, RELOAD (СПУСКИ 2A42, ПЕРЕЗАР.)
- * ⑭ VENT. VALVE EM HATCH REDUC. EM (ЭМ КЛАПАНА ВЕНТ. ЭМ РЕДУКТ. ЛЮКА)
- * ⑮ DRIVE CU - CONTROL CIRCUITS
(БУ ПРИВОДА - ЦЕПИ УПРАВЛЕНИЯ)

00802-ICV	①	EQ. MATERIAL ADDED IN THE DRAWING.
18-08-2000 DC(1)No. DATE	ISSUE	AMENDMENTS

APPROVED		675-95-182			
CHECKED					
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	INSCRIPTION PLATE		WEIGHT	SCALE	
			0.0326	1:1	
		SHT 1 SHTS 1			
	SHEET A.16 AM-0,5, GOST 21631-76				

No.	Designation	Description	Qty	Remark
	675-95-c6159 CB	<u>List of Documents</u> Assembly drawing		
		<u>Parts</u>		
1	675-95-130	Base	1	
2	675-95-131	Shunt	1	
3	675-82-34	Washer	2	
4	675-95-133	Washer	4	
		<u>Standard Items</u>		
8		Nut M5.6.016	4	
		FOCT 5927-70 or 351-13 (coating U.6xp)		
10		Washer 5.01.019 or 5.02.019	10	Max.qnty
		FOCT 11371-78		
12		Washer 5T 65T 05	4	
		FOCT 6402-70		
6		Screw	2	
		B1.M5-8gx30.48.016		
		FOCT 17475-80		

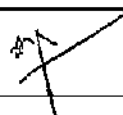
APPROVED		675-95-Sb159	DS CAT PART No. LV2/ICVs 6625-008953		
CHECKED				WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		SHUNT INSTRUMENT SHUNT			
			SHT 1	SHTS 1	



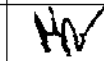
TECHNICAL CONDITIONS

1. Perform breakdown check of the insulation between one of the contacts and the chassis by a 500-V direct current for one minute.
2. The insulation resistance should be at least 20 megohms.
3. To ensure reliable tightening of the screws, Ref. No. 6, it is permissible to install additionally washers, Ref. No.10

01023-ICV 26-6-06	DS CAT PART No. ADDED AND DESCRIPTION SHUNT INSTRUMENT WAS SHUNT
DC(I)No. & DATE	ISSUE
AMENDMENTS	

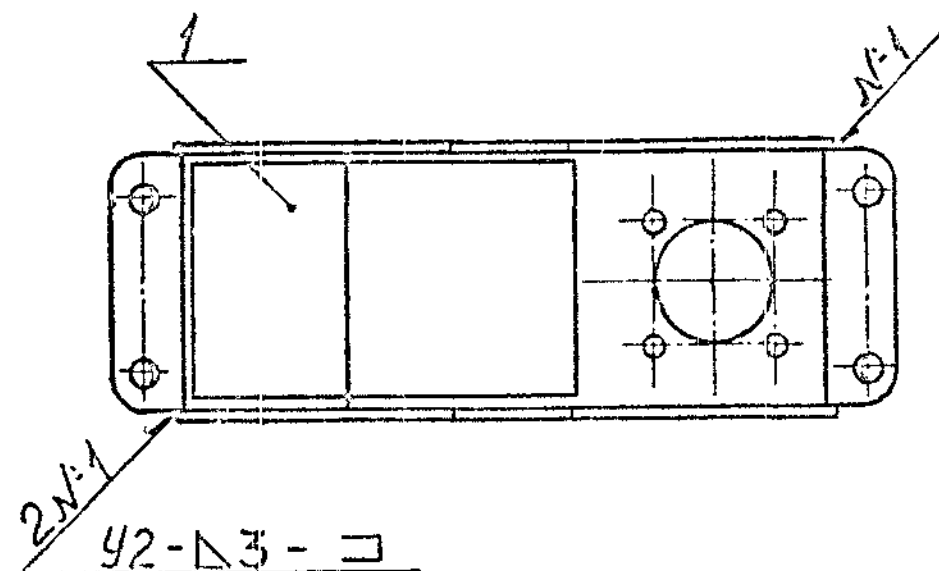
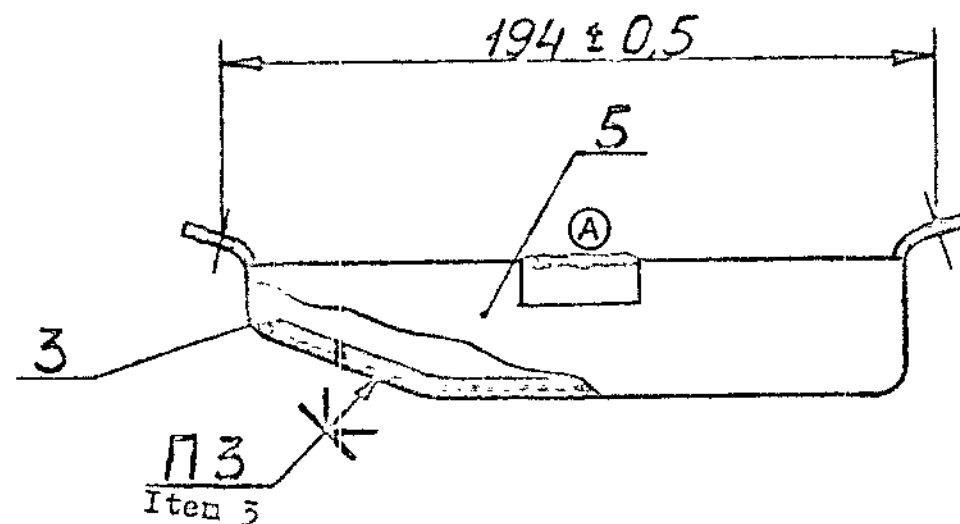
APPROVED		675-95-Sb159Sb		DS CAT PART No.Ⓐ	
CHECKED				SHUNT INSTRUMENT SHUNT Ⓐ ASSEMBLY DRAWING	LV2/ICVs6625-008953
CONTROLLERATE OF QUALITY ASSURANCE (ICV)			WEIGHT		SCALE
			0.17		1:1
		SHT 1 SHTS 1			

No.	Designation	Description	Qty	Remark
	675-95-c6160 CE	<u>List of Documents</u> Assembly drawing <u>Parts</u>		
1	675-95-135	Gasket	1	
3	675-95-136	Base	1	
5	675-95-137	Rib	2	

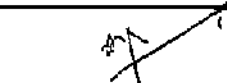
APPROVED		675-95-Sb160			
CHECKED		CASING		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)					
			SHT 1	SHTS 1	

TECHNICAL CONDITIONS

1. Coating: electrolessly phosphated one (blue) or anodic oxidation with subsequent bichromate treatment. Coat the outer surface with primer ФЛ-03Ж, ГОСТ 9109-81, and with enamel ПЭ-223, white-1, ГОСТ 14923-78.
2. Welds should be made according to ГОСТ 14806-69 by gas-shielded welding with the use of filling wire Св.АМг6, ГОСТ 7871-75
3. Make use of cement 88-III ТУ 38-105540-73

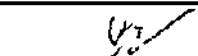
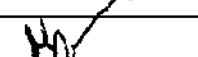


00220-ICV <i>Indol.</i> 21-2-91	Ⓐ	A CUT ON REF. No5 PROVIDED.
DC(I)No. & DATE	ISSUE	AMENDMENTS

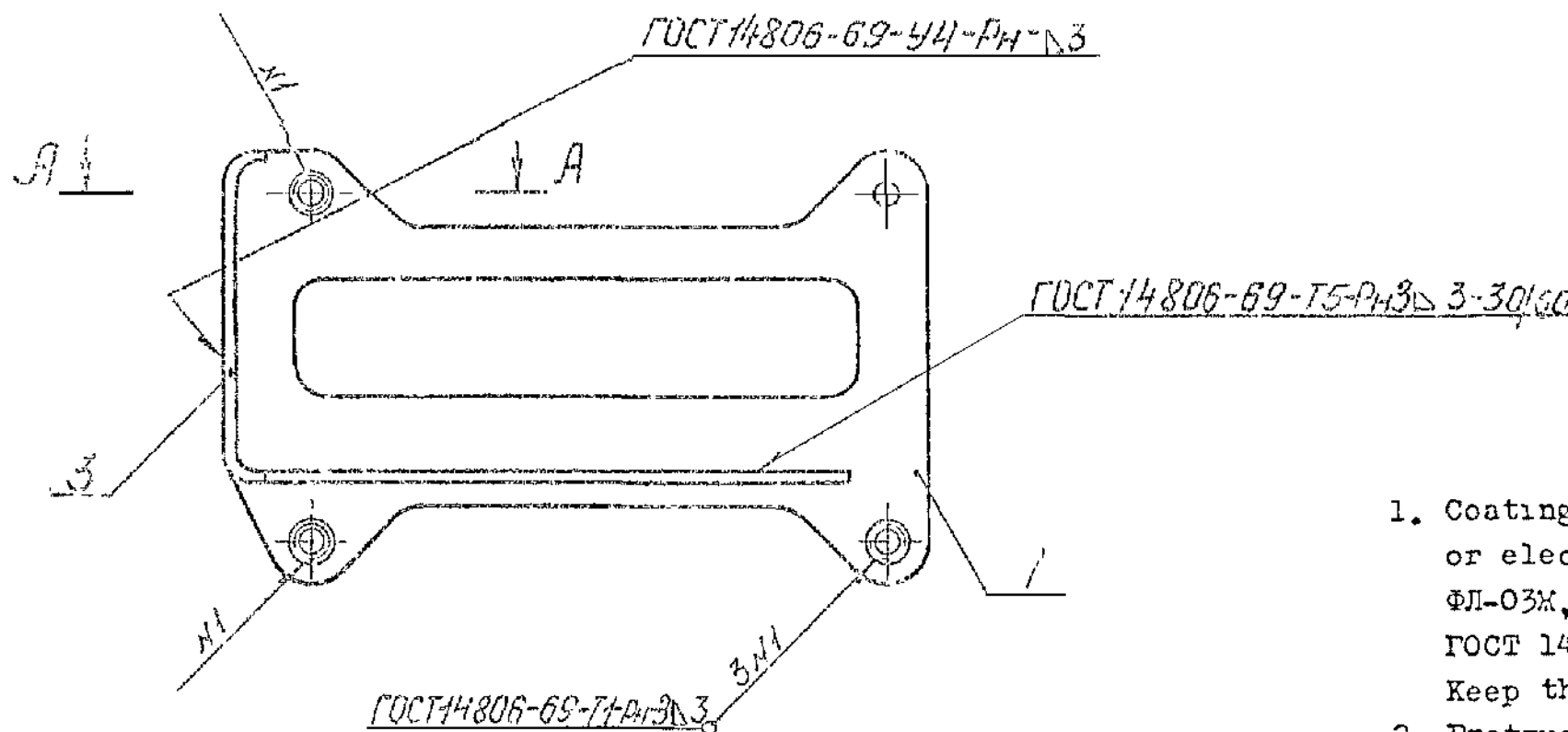
APPROVED		675-95-Sb160Sb			
CHECKED		CASING		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)				0.11	1:2
			SHT 1 SHTS 1		

No.	Designation	Description	Qty	Remark
		<u>List of Documents</u>		
	675-95-c6168 CE	Assembly drawing		
		<u>Parts</u>		
1	675-95-152	Plate	1	
3	675-95-153	Bracket	1	
7	672-51-36	Boss	3 2	Ⓐ

00970-IGV <i>[Signature]</i>	Ⓐ	AGAINST REF. No. 7, QTY 2 WAS QTY 3.
17-05-04	<i>[Signature]</i>	
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED		675-95-Sb168			
CHECKED		BRACKET		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)					
			SHT 1	SHTS 1	

675-95-Sb168Sb



- (A) NOTE -
- (a) OUT OF 3 EXISTING BOSSES, ONE BOSS WAS REMOVED
- (b) FOLLOWING ITEMS ARE ALSO TO BE PROVIDED ALONG WITH THE ITEM BRACKET
- 1) NUT M6 G 019, GOST 5927-78, QTY 1 No
- 2) WASHER 6X1.01 019, GOST 11371-78, QTY 1 No
- OR
- WASHER 6X1.02 019, GOST 11371-78, QTY 1 No
- 3) WASHER 6T 65Г 06, GOST 6402-70, QTY 1 No

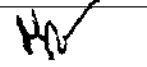
TECHNICAL CONDITIONS

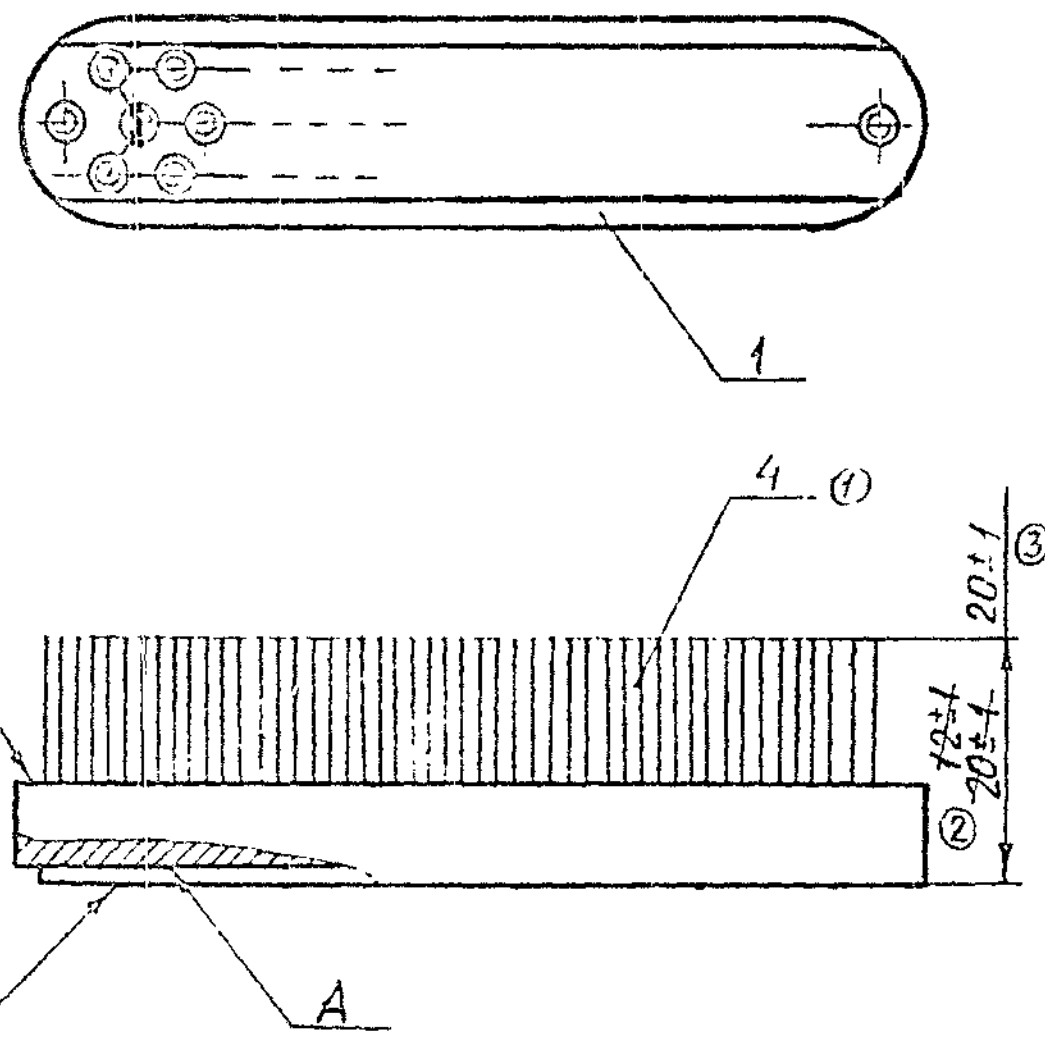
- Coating: anodic oxidation with subsequent bichromate treatment or electrolessly phosphated coating (blue). Make use of primer ФЛ-03Ж, ГОСТ 9109-81 and enamel ПФ-223, white-1, ГОСТ 14923-78. Keep the threaded holes from coating.
- Protrusion of the part, Ref. No. 7, over surface B of the part, Ref. No. 1, is not permissible

00984-ICV 10-11-04	(B)	NOTE DELETED.
00970-ICV 17-05-04	(A)	NOTE ADDED, AND ONE EXISTING BOSS WAS REMOVED.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED	675-95-Sb168Sb		
CHECKED			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	BRACKET	WEIGHT	SCALE
		0.236	1:2
		SHT 1	SHTS 1

No.	Designation	Description	Qty	Remark
		<u>List of Documents</u>		
	675-95-c6170 CB	Assembly drawing		
		<u>Parts</u>		
1	675-95-159	Holder	1	
		<u>Materials</u>		
4		Hair, treated, horse, rough, unpainted.		

APPROVED		675-95-Sb170			
CHECKED		BRUSH		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)					
			SHT 1 SHTS 1		

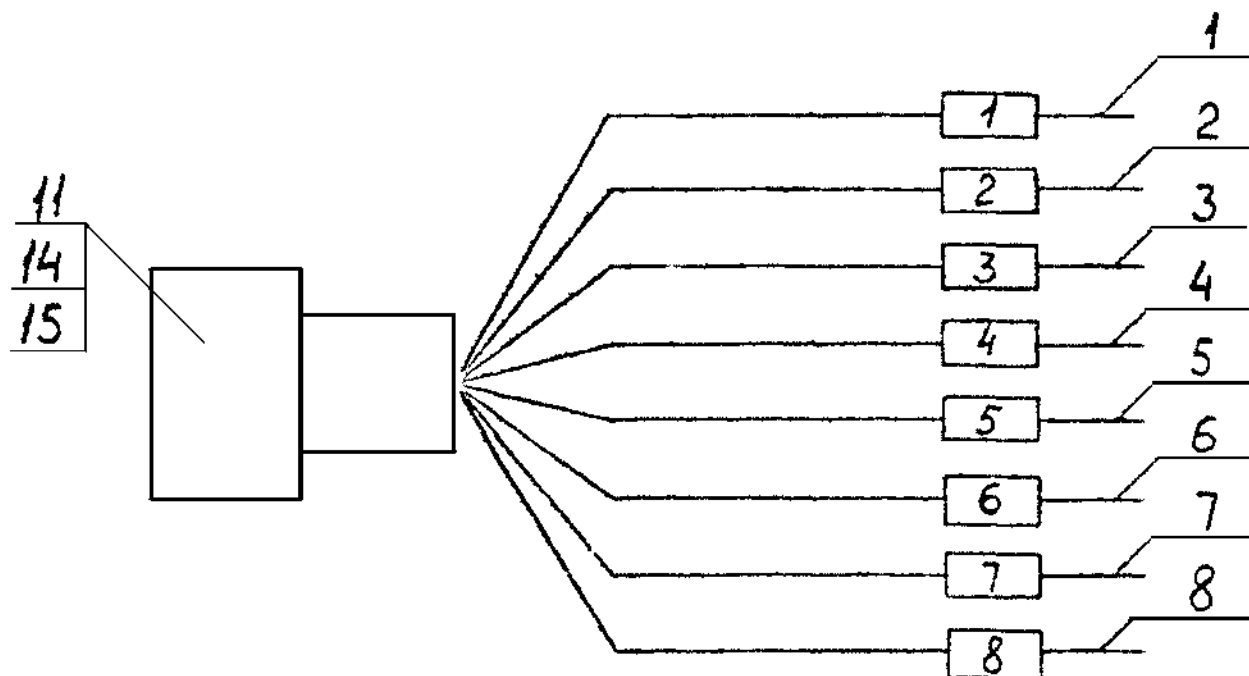


TECHNICAL CONDITIONS

1. Coat the surfaces (except surface B) with primer $\Phi\text{Л-03X}$, ГОСТ 9109-81, and enamel ПФ-223 , white-1, ГОСТ 14923-78. Keep the threaded holes from painting.
2. Make brushes of hair, Ref. No. 4, folded in two. Each brush should be tightly fitted in the hole and secured with cotton glossy thread No.1, black, ГОСТ 6309-80. The hair bend should be impregnated with cement БФ-4 , ГОСТ 12172-74.
3. Fill recess A with red underpaint putty КФ-003 , ГОСТ 10277-76, flush with surface B. Keep the threaded holes from filling with underpaint putty.
4. Dry the ready brush at a temperature of 55 to 60°C for 6 h

APPROVED		675-95-Sb170Sb		
CHECKED				
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		BRUSH	WEIGHT	SCALE
			0.015	2:1
			SHT 1	SHTS 1

675-95-Sb171Sb



*② Table of wire soldering-in

*③

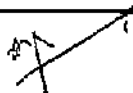
Contact No.	Wire No.	Cross-section, mm ²
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TECHNICAL CONDITIONS

1. Perform wire termination, soldering and assembly of the plug connector and cable according to Technical Requirements 700-88-3TT

*② Таблица впаики проводов

№№ конт	№№ про- водов	Сечение в мм ²
1	1	0,35
2	2	0,35
3	3	1,5
4	4	1,5
	7	1,5
5	5	1,5
	8	1,5
6	6	0,35

APPROVED		675-95-Sb171Sb			
CHECKED		CABLE UNIT ASSEMBLY DRAWING		WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)				0.075	1:1
			SHT 1 SHTS 1		

ZL19S-96-979

②* Обозначение	③* Наименование	*④ провод	Разделка концов провода		Маркировка ⑨*	⑩* Масса	⑪* Прим
		⑤ Марка, сечение, длина	Первого ⑦	Второго ⑧*			
675-95-сб172	Провод 1 ⑫*	МГШВ-0,35 мм ² ℓ=200	700-88-сб202	700-88-сб202	1	0,0042	
-01	Провод 2 ⑫*	МГШВ-0,35 мм ² ℓ=200	700-88-сб202	700-88-сб202	2	0,0042	
-02	Провод 3 ⑫*	МГШВ-1,5 мм ² ℓ=200	700-88-сб202	700-88-сб202	3	0,007	
-03	Провод 4 ⑫*	МГШВ-1,5 мм ² ℓ=200	700-88-сб202	700-88-сб202	4	0,007	
-04	Провод 5 ⑫*	МГШВ-1,5 мм ² ℓ=200	700-88-сб202	700-88-сб202	5	0,007	
-05	Провод 6 ⑫*	МГШВ-0,35 мм ² ℓ=200	700-88-сб202	700-88-сб202	6	0,0042	
-06	Провод 7 ⑫*	МГШВ-1,5 мм ² ℓ=200	700-88-сб202	700-88-сб202	7	0,007	
-07	Провод 8 ⑫*	МГШВ-1,5 мм ² ℓ=200	700-88-сб202	700-88-сб202	8	0,007	

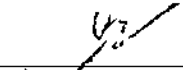
TECHNICAL CONDITIONS

- * ② Designation
- * ③ Description
- * ④ Wire
- * ⑤ make-up, cross-section, length
- * ⑥ Wire end termination
- * ⑦ first
- * ⑧ second
- * ⑨ Marking
- * ⑩ Mass
- * ⑪ Remark
- * ⑫ Wire
- * ⑬ mm²

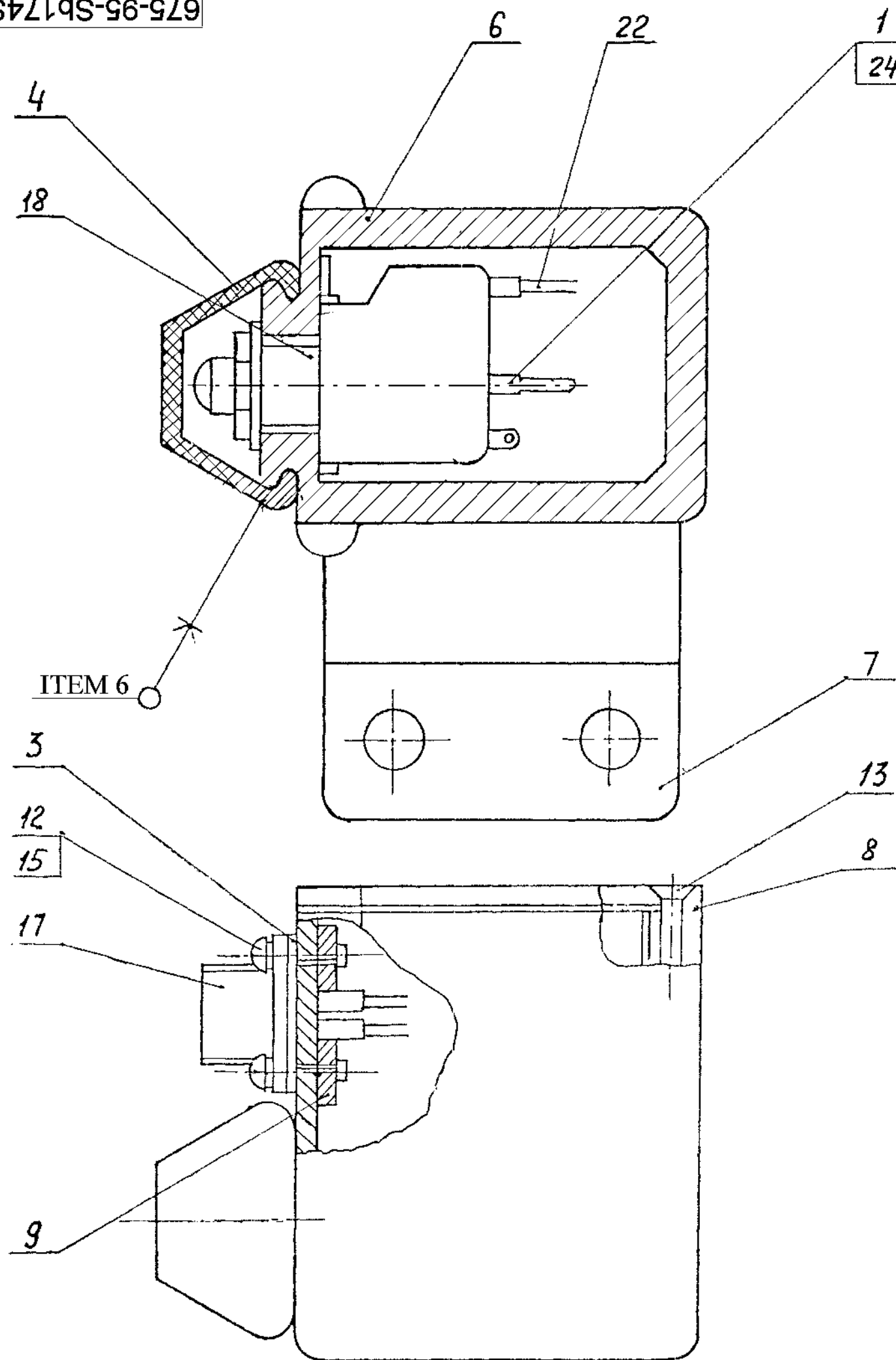
1. Perform wire end termination in compliance with Technical Requirements 700-88-3TT.
2. Apply identification marking to sleeves of the wire second end termination.
3. Wires MTWB are according to Specifications TV 16.505.437-73

APPROVED		675-95-Sb172					
CHECKED		WIRES					
CONTROLLERATE OF QUALITY ASSURANCE (ICV)						WEIGHT	SCALE
						SEE TABLE	
				SHT 1	SHTS 1		

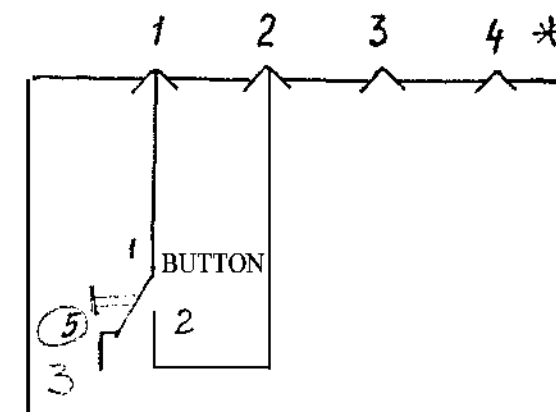
No.	Designation	Description	Qty	Remark
18		Small-size button KMI-I OMO.360.011 TV	1	
22		<u>Materials</u> Wire MFWB-0.35 mm ² TV 16-505-437-73 ℓ = 200 mm	1	
24		Sleeve III TB-50-355-2,5, unpainted ROCT 19034-73 ℓ = 15 mm	4	

APPROVED		675-95-Sb174		
CHECKED		BUTTON "Y"	WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)				
			SHT 2	SHTS 2

675-95-Sb174Sb



SOLDERING DIAGRAM



TECHNICAL CONDITIONS

1. Carry out the wiring according to the soldering diagram using the wire, Ref. No. 22.
2. Perform termination and soldering of the wires, Ref. No. 22, in compliance with Technical Requirements 700-88-3TT.
3. Solder the wires, Ref. No. 22, with solder Пр.3 ПОС-61, ГОСТ 21931-76. Fan out the ends of wires, Ref. No. 1, according to 700-88-c6202 and fit sleeves, Ref. No. 24, on both ends of the wire.
Coat the soldered places with red varnish ВЛ-62 ОСТ 6-10-391-74.
4. Secure the screws, Ref. No. 13, with red enamel ПЭ-223, ГОСТ 14923-78.
5. Unbend the lock of the button, Ref. No. 18.
6. Make use of cement 88-ВН ТУ 38-105540-73.
7. When fitting the button, Ref. No. 18, do not use one standard nut and washer.
8. Insulation resistance between the electric circuits and the chassis, and between circuits not connected electrically should be at least 20 megohms

Ⓐ EQ. MATERIAL:- Sn 60 TO IS:193-82

00802-ICV
18-08-2000
DC(I)No.
& DATE

Ⓐ

Sn 60 TO IS: 193-82 ADDED
AS EQ. MATERIAL.

ISSUE

AMENDMENTS

APPROVED

CHECKED

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

675-95-Sb174Sb

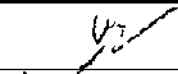
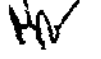
BUTTON "Y"
ASSEMBLY DRAWING

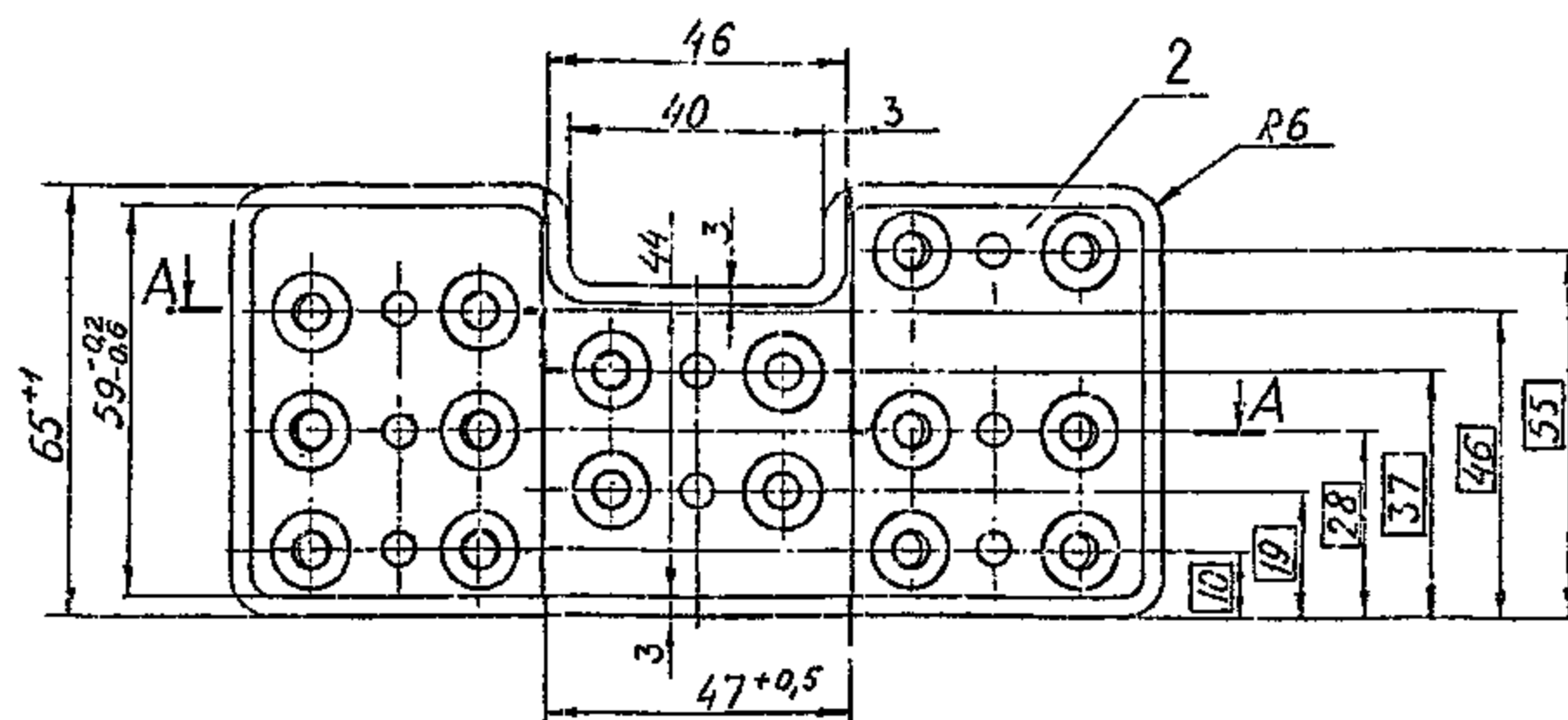
WEIGHT SCALE

0.125 2:1

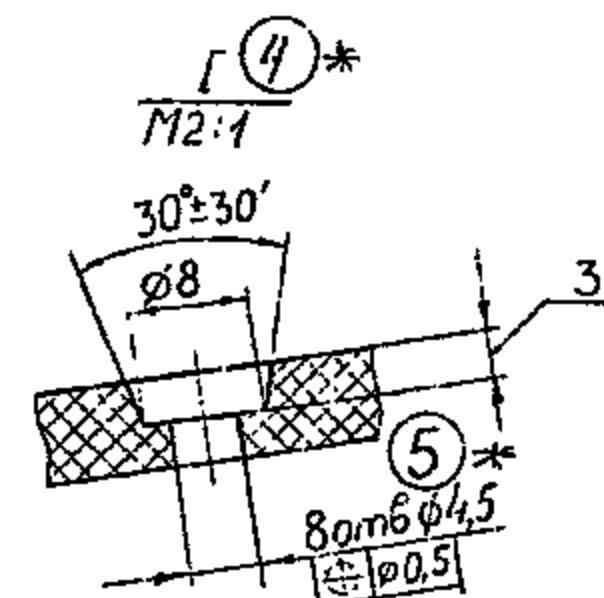
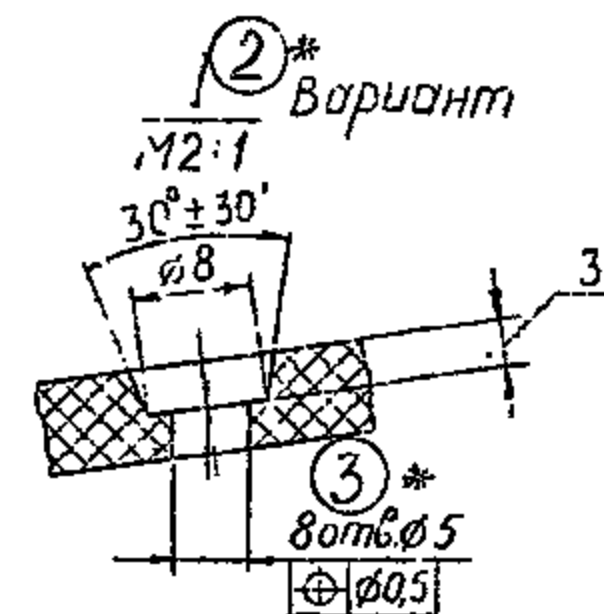
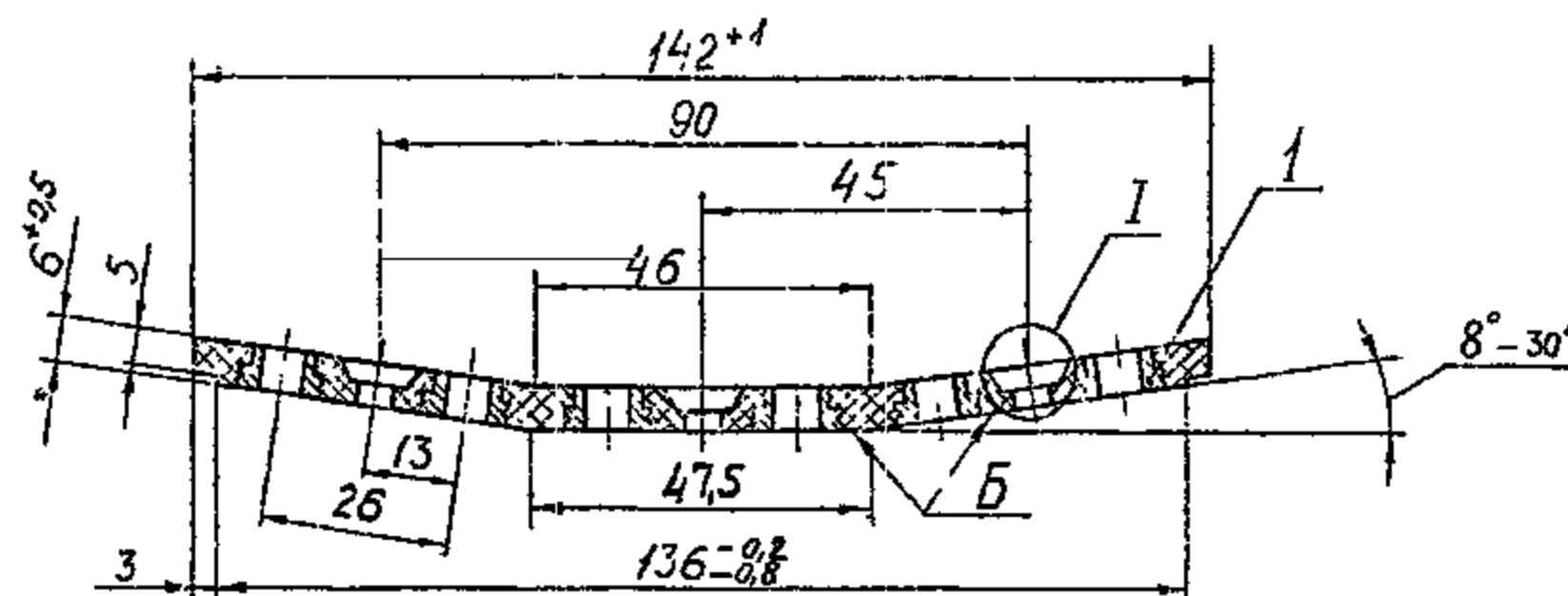
SHT 1 SHTS 1

No.	Designation	Description	Qty	Remark
	675-95-c6180 CB	<u>List of Documents</u> Assembly drawing		
1	675-95-176	<u>Parts</u> Bushing	16	
2		<u>Materials</u> Moulding material ДСВ-4-Р-2М, mark II ГОСТ 17478-72	0.06 kg	

APPROVED		675-95-Sb180		
CHECKED		HOLDER		WEIGHT
CONTROLLERATE OF QUALITY ASSURANCE (ICV)				SCALE
			SHT 1	SHTS 1



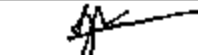
A-A



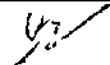
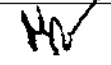
- *② Scale 2:1 Variant
- *③ 8 holes $\varnothing 5$
- *④ Scale 2:1
- *⑤ 8 holes $\varnothing 4.5$

TECHNICAL CONDITIONS

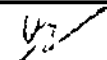
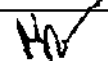
1. Material-substitute is the parts, Ref. No. 2, ЛСВ-2-Р-2М, marks O and II, ЛСВ-4-Р-2М, mark O, ГОСТ 17478-72, and moulding material.
2. Unspecified limit deviations of sizes are as follows: holes according to A₇; shafts according to B₇; other values according to CM₇.
3. Drafts should not exceed 1° towards the part body increasing portion.
4. Unspecified moulding radii should not exceed 1 mm.
5. Surfaces B may have traces made by pushers in the part body. They should not be deeper than 0.5 mm.
6. For the other technical requirements, refer to OCT 4.10.005.051.
7. It is permissible to fill the faces of the part, Ref. No. 1, with moulding material. In this case, moulding material in the holes of bushings, Ref. No. 1, is not permissible

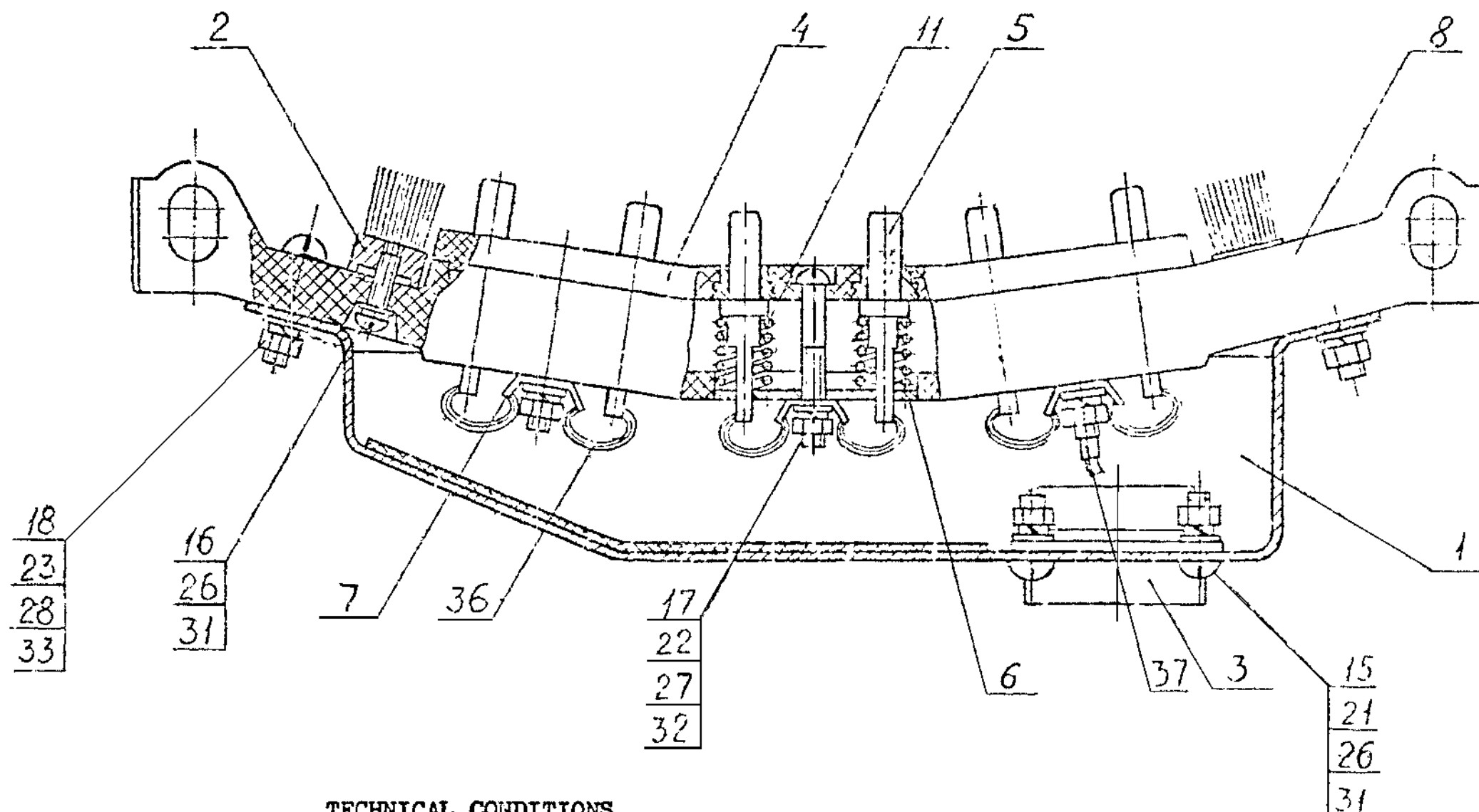
APPROVED		675-95-Sb180Sb		
CHECKED		HOLDER		WEIGHT
CONTROLLERATE OF QUALITY ASSURANCE (ICV)			0.100	1:1
	SHT 1 SHTS 1			

No.	Designation	Description	Qty	Remark
	675-95-c6181 CE	<u>List of Documents</u> Assembly drawing <u>Assembly Units</u>		
1	675-95-c6160	Casing	1	
2	675-95-c6170	Brush	2	
3	675-95-c6171	Cable unit	1	
4	675-95-c6180	Holder	1	
		<u>Parts</u>		
5	675-95-155	Brush	16	
6	675-95-157	Bus	8	
7	675-95-158	Lug	8	
8	675-95-175	Body	1	
11	674604/6-K	Spring	16	
		<u>Standard Items</u>		
		<u>Screws</u>		
		TOCT 17473-80:		
15		B1.M3-8h6hx10.48.016	4	
18		B1.M5-8gx22.48.016	4	
16		B1.M3-8h6hx16.48.016	4	
		<u>Nuts</u>		
		TOCT 5927-70:		
21		M3.6.016	4	
22	EQ.MAT. 40 C8 TO IS:9550 Ref.DC(1) 00962-ICV)	M4.6.016	8	
23		M5.6.016 or	4	
		351-131 (coating U.6xp)		
		<u>Washers</u>		
		TOCT 11371-78:		
26	EQ.MAT.C-30 TO IS:1570-79 (Ref.DC(1) 00357-ICV)	3.01.019 or	8	
		3.02.019		

APPROVED		675-95-Sb181			
CHECKED					
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		BRUSH HOLDER		WEIGHT	SCALE
			SHT 1	SHTS 2	

No.	Designation	Description	Qty	Remark
27		Washers FOCT 11371-78: 4.01.019 or 4.02.019	8	
28		5.01.019 or 5.02.019	4	
17		Screw B.M4-8h6hx30.66.016 FOCT 1491-80	8	
31		Washers FOCT 6402-70: 3T 65T 05	8	
32		4T 65T 05	8	
33		5T 65T 05	4	
		<u>Materials</u>		
36		Wire III, 0.5 mm ² FOCT 9125-74 ℓ = 30 mm	32	
37		Sleeve III TB-50-355-3,5, unpainted FOCT 19034-73 ℓ = 10 mm	8	

APPROVED		675-95-Sb181				
CHECKED		BRUSH HOLDER			WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)						
				SHT 2	SHTS 2	

**TECHNICAL CONDITIONS**

- (X) 1. Brushes, Ref. No. 5, should move in holes of bushing and buses, Ref. No. 6, easily, without seizure.
2. Perform soldering with solder Пр.3 ПОС 61, ГОСТ 21931-76. Solder wires, Ref. No. 36, to brushes, Ref. No. 5, and lugs, Ref. No. 7. Solder wires of the cable unit, Ref. No. 3, to the lugs, Ref. No. 7, according to the marking on the part, Ref. No. 8. Paint the soldered places with red varnish ВЛ-62 ОСТ 6-10-391-74.
3. After soldering, bundle wires of the cable unit, Ref. No. 3, to form a bundled cable with cotton glossy black thread No. 00, ГОСТ 6309-80

(A) EQ. MATERIAL: Sn60 TO IS:193-82

00802-ICV
18-08-2000
DC(I)No.
& DATE

(A)

Sn 60 TO IS:193-82 ADDED
AS EQ. MATERIAL.

ISSUE

AMENDMENTS

APPROVED

CHECKED

CONTROLLER
OF
QUALITY ASSURANCE
(ICV)

675-95-Sb181Sb

BRUSH HOLDER
ASSEMBLY DRAWING

WEIGHT SCALE

0.63 1:1

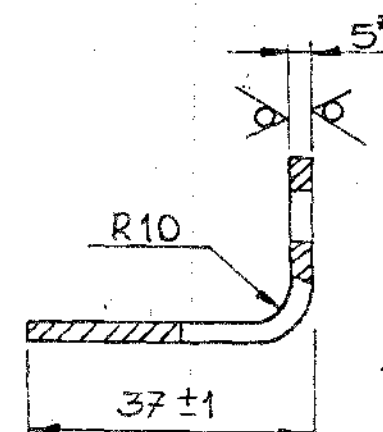
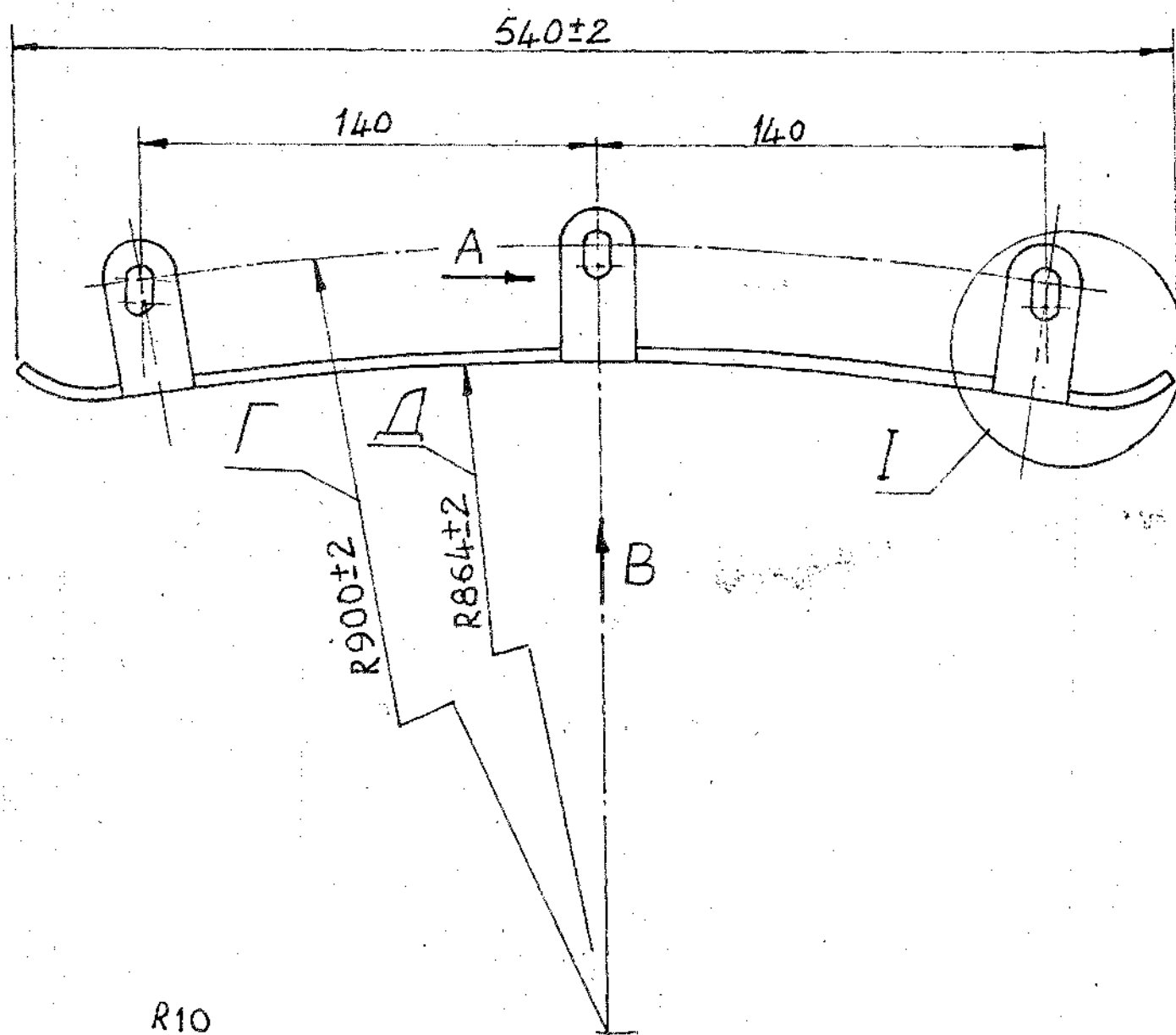
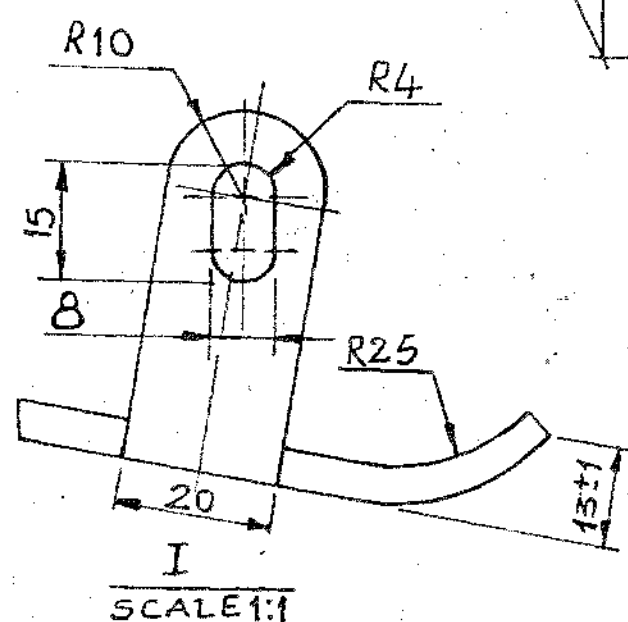
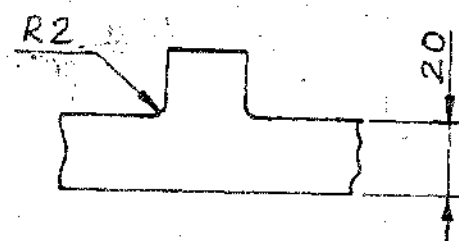
SHT 1 SHTS 1

678-95-3

P4.061-84

TECHNICAL CONDITIONS

1. ALTERNATE MATERIAL SHEET AMF 5M-5GOST21631-76
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSION ARE ± 0.5 MM.
3. STAMPING BEVEL SHOULD NOT EXCEED 0.5 MM.
4. DIMENSIONS Γ AND Δ SHOULD BE CHECKED AS PER TEMPLATE IN COMPRESSED CONDITION.
5. * DIMENSION FOR REFERENCE.

VIEW A
SCALE 1:1I
SCALE 1:1

VIEW B

NOTE:-

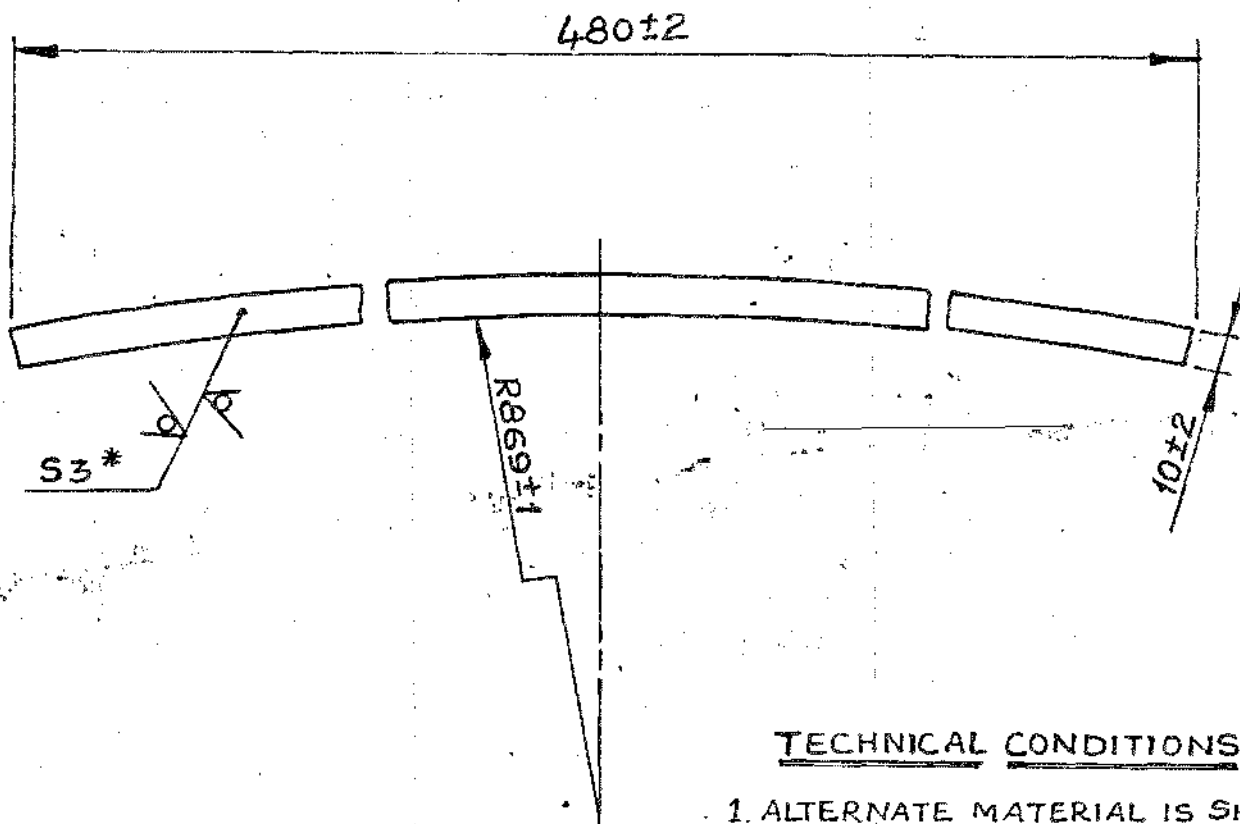
1. ALL DIMENSIONS ARE IN MM.
2. THE ABBREVIATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

NEAREST EQVT MATERIAL			
SHEET AMF 65-5 GOST 21631-76			
ORGL MATERIAL	DCU/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	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		USED ON:- 9678-95-c84
SCALE:- 1:2			
DATE :-			
DRN. & R. S. B.	WT: (Kg)	TEMPLATE	
TCD.	0.145		
CHD. ☒		DRAWING NO 678-95-3	PART NO
APD. ☒			
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)			

678-95-5

P4.061.84

Rz160/(V)

TECHNICAL CONDITIONS

1. ALTERNATE MATERIAL IS SHEET-AMr 5M-3 TO GOST 21631-76
2. * DIMENSION IS FOR REFERENCE

NOTE:

1. ALL DIMENSIONS ARE IN MM.
2. THE ABBRIVIATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

SHEET AMr 65M-3
GOST 21631-76

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: 1:2

TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

USED ON:-
678-95-084

DATE :-

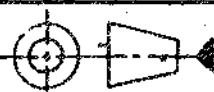
DRN. *8/2/84*

WT: (Kg)

RIB

TCD.

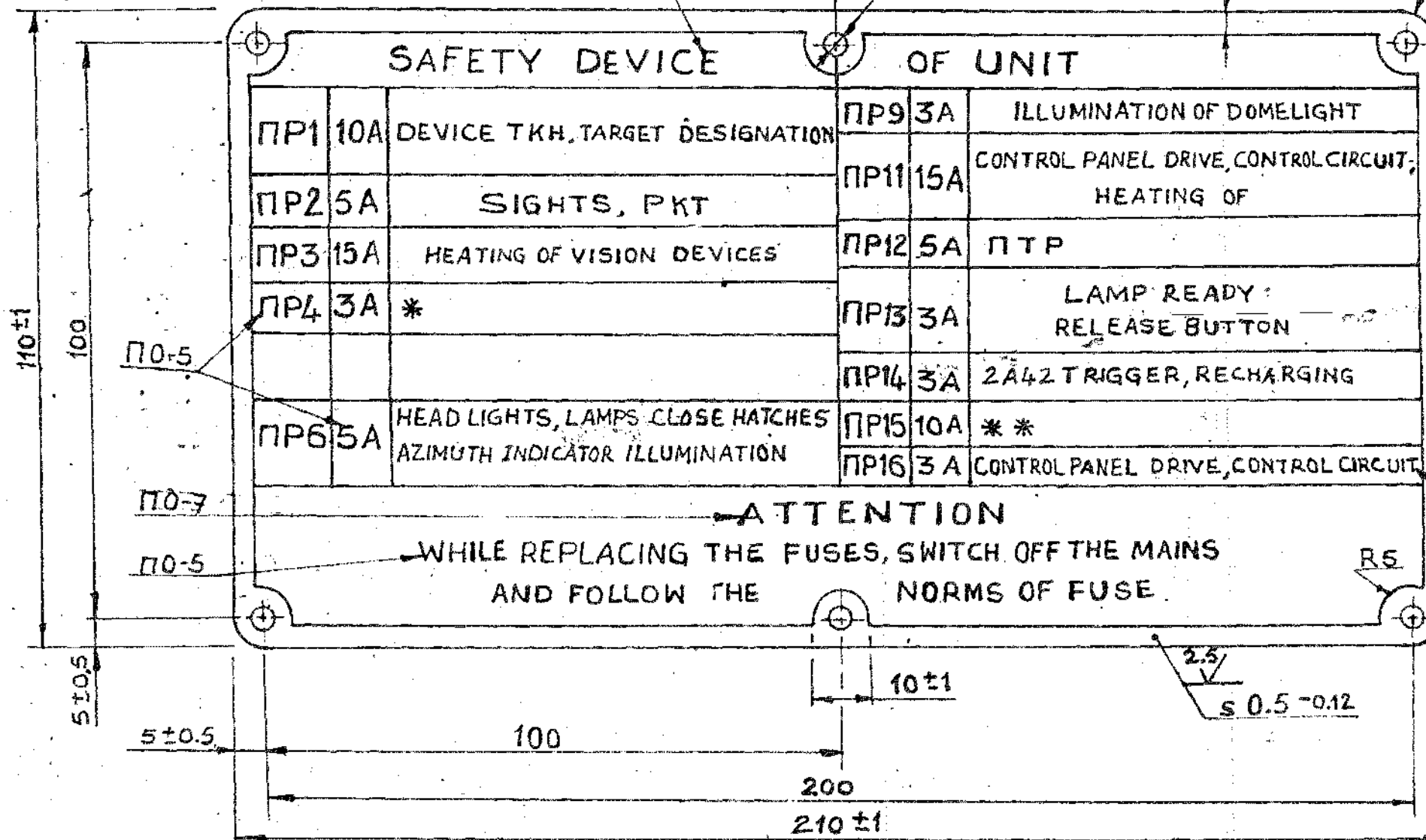
0.040

CHD. *8/2/84*APD. *8/2/84*DRAWING NO
678-95-5

PART NO

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

8-56-819

TECHNICAL CONDITIONS $R_z 160$ (V)

1. ALTERNATE MATERIAL IS A5 GOST 11069-74
2. COATING FACIAL SIDE OF NAMEPLATE:
VARNISH HY-62 COLOURLESS OST 6-10-391-84

3. PHOTOCHEMICAL PICKLING.
a) BASE OF FRONT SURFACE - BLACK
b) LETTER, DIGITS, SYMBOLS - WHITE METAL
4. CODE IS GOST 2930-62.

- * LINKAGES OF DRIVES FOR ELECTROMAGNET FOR CUTTING OF MANUAL TRAVERSE & ELEVATION.
** EXHAUST VALVE ELECTROMAGNET, HATCH REDUCTION GEAR ELECTROMAGNET.

NOTE:-

1. ALL DIMENSIONS IN mm
2. THE ABBREVIATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

NEAREST EQVT MATERIAL

A16 AM
GOST 4784-74

ORGL MATERIAL

DC (T) No
A 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:- 1:1

TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

USED ON:-
3678-95-085

DRN. 8/12/85

WT: (Kg)

TCD.

0.033

CHD.



APD.

DRAWING NO

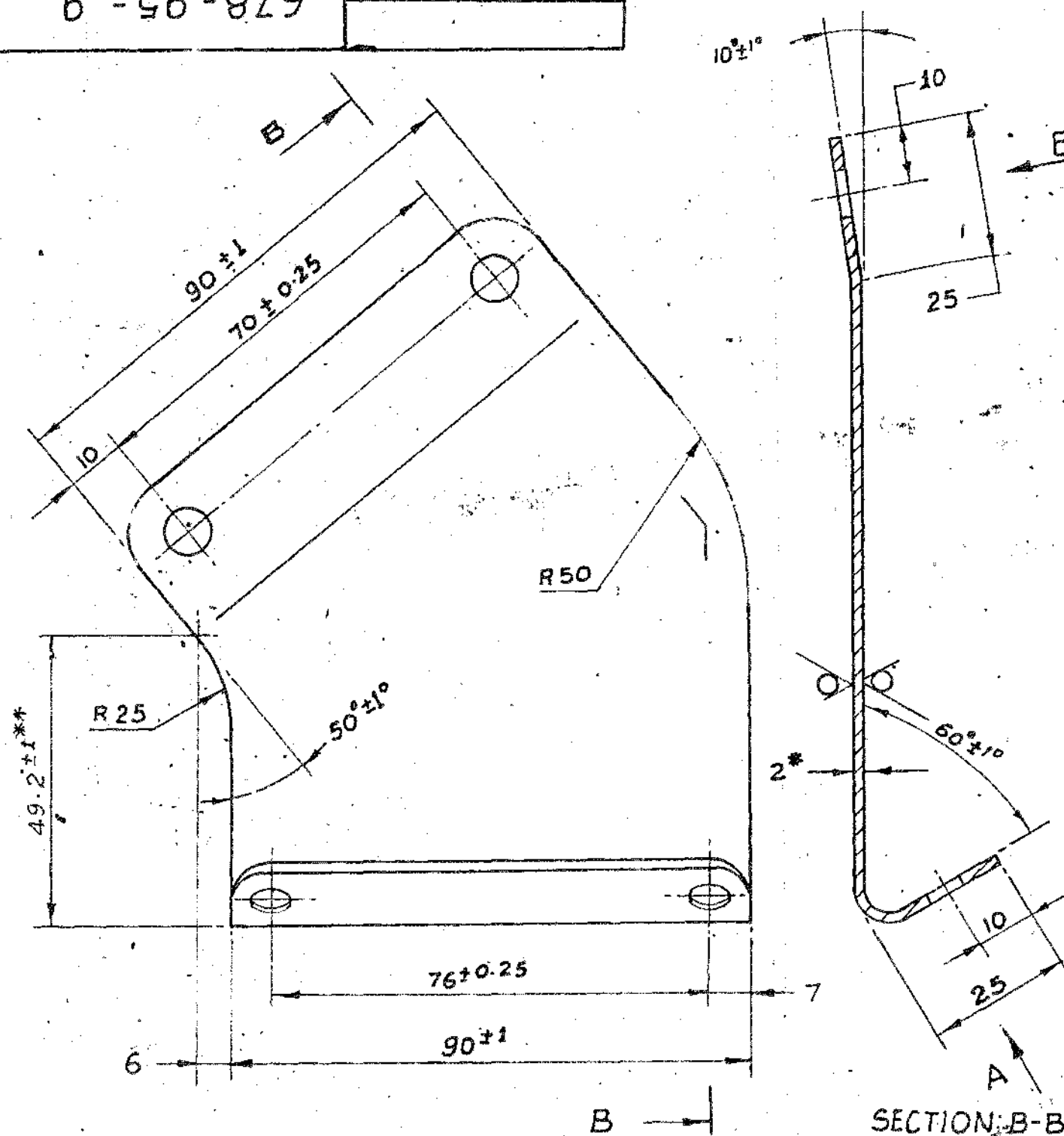
678-95-8

PART NO

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

6-56-879

78-190 hd



TECHNICAL CONDITIONS:

1. ALTERNATE MATERIALS SHEET-AMF 6M-2 GOST 21631-76.
2. COATING: ANODIC COATING CHROMOTIZED OR CHEMICALLY OXIDIZED, PHOSPHOTIZED. PRIMER $\phi 1-03$ * GOST 9109-81. WHITE ENAMEL η 223-1 GOST 149233.
3. UNSPECIFIED DEVIATION LIMITS OF DIMENSIONS IS ± 0.5 mm.
4. BENDING RADII IS MAX. 5 mm.
5. * DIMENSION IS GIVEN FOR REFERENCE.
6. ** DIMENSION IS PROVIDED WITH TOOL.

NEAREST EQVT MATERIAL

SHEET AMF 5M-2 GOST 21631-76

ORGL MATERIAL

DC(DN) & DATE

ISSUE

AMENDMENTS

ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF.

DRG. NOT TO BE SCALED

SCALE:- 1:1

DATE :-

DRN.

TCD.

CHD.

APD.

WT:-(Kg)

0.064

ALL THREADS TO CONFORM TO SPECIFICATION.

TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

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

USED ON:-
3 678-95-85

BRACKET

DRAWING NO

678-95-9

PART NO

(3)

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

NOTE:-

1. ALL DIMENSIONS IN mm
2. THE ABBREVIATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

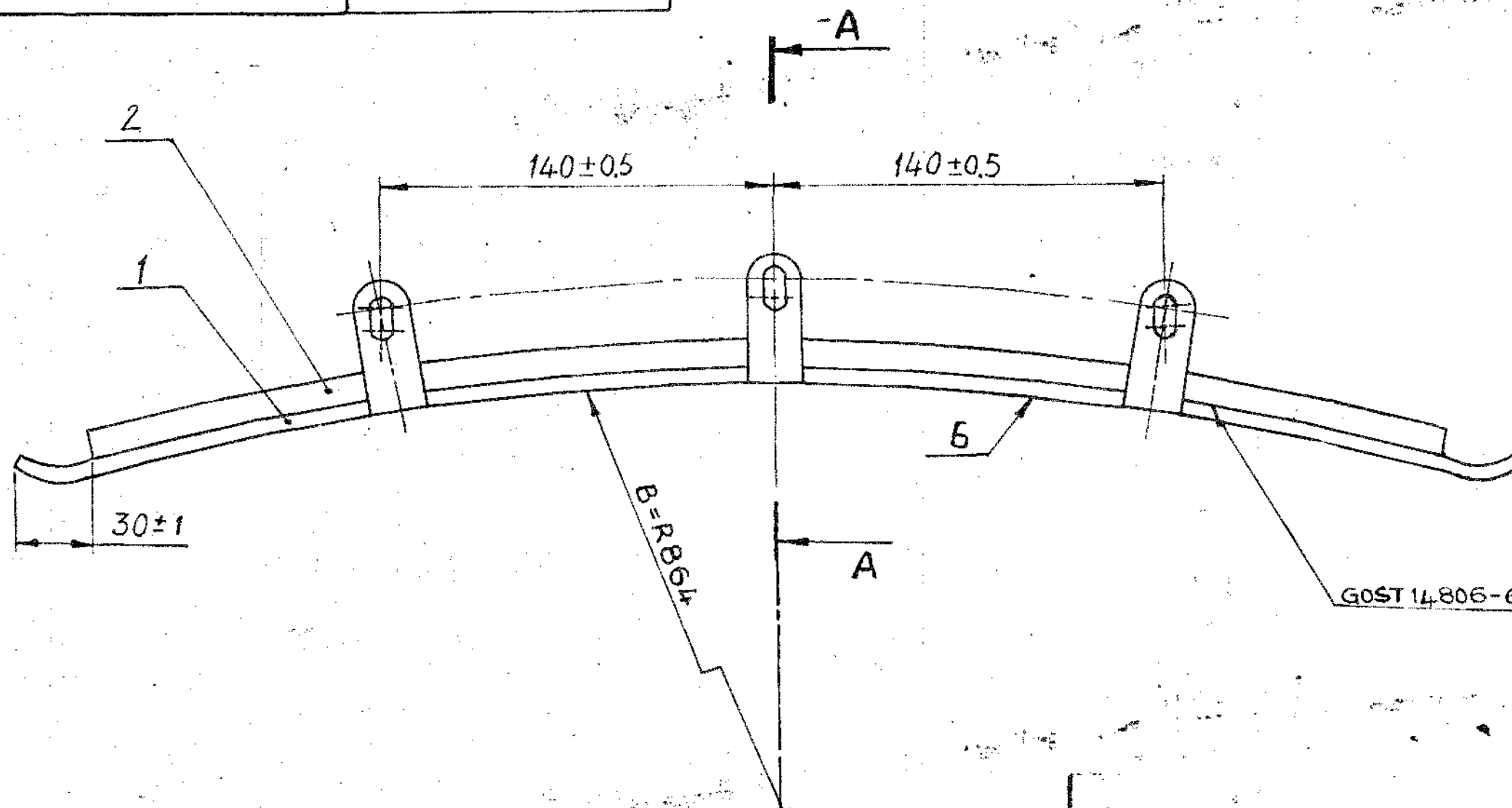
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678-95-CD4CB

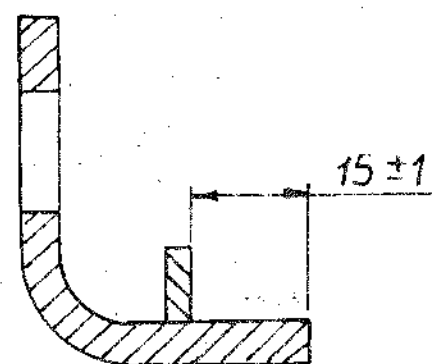
48-190-7d

TECHNICAL CONDITIONS

1. COATING: ANODISED, OXIDISED, CHROMATISED OR DEEP CHEMICALLY PHOSPHATISED EXCEPT FOR SURFACE 6 PRIMER $\phi 1-03 \times$ TO GOST 9109-81, ENAMEL WHITE-1 $\Pi \phi 223$ TO GOST 14923-78. IV. 91.
2. REQUIREMENTS FOR THE QUALITY OF WELDS ARE AS PER OST 3-4001-77 FOR UNESTIMATED WELDING JOINTS.
3. STRAIGHTENING OF SURFACE 6.
4. NON MATING OF SURFACE 6 TO FIXTURE ALONG THE RADIUS B SHOULD NOT EXCEED 2 MM.



GOST 14806-69-T2-30/60-PH3-D3



NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. THE ABBRIVIATIONS AND SYMBOLS ARE BASED ON RUSSIAN SPECIFICATIONS.

A-A
SCALE 1:1

NEAREST EQVT MATERIAL

ORGL MATERIAL

DC(I) No
A DATE

ISSUE

AMENDMENTS

ALL SHARP EDGES & COR-
NERS 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:- 1:2

TOLERANCE ON DIMENSIO-
NS UNLESS OTHERWISE
SPECIFIEDUSED ON:-
678-95-CD5

DATE :-

WT :-(Kg)

TCD.

0.185

CHD.



APD.

TEMPLATE
(ASSEMBLY DRAWING)

DRAWING NO

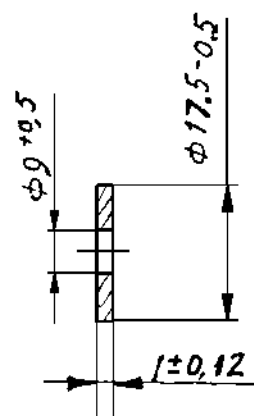
678-95-CD4CB

PART NO

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

99E-1E-002

~ All-over



Ⓑ EQ. MATERIAL :- MILD STEEL SHEET 'D'. TO IS: 1079

Technical specifications:

1. Alternate material is Cm2, Cm3, Cm3cn GOST 380-71 and 10,20,25, and 30 GOST 1050—74.
2. Coating chemically parkerized, chrometized, accelerated, oiled. Zinc-plating, 9 micron thick, chrometized is allowed. Remove hydrogen embrittlement.
3. Blunt sharp edges.

Ⓐ

EQ. MATERIAL :- DD
OR D TO IS :- 1079.

00802-ICV <i>Basu</i> 18 AUG 00	Ⓑ	EQ. MATERIAL ADDED. IN THE DRAWING
00331-ICV <i>sd/-</i> 07 JUL 92	Ⓐ	NOTE FOR EQ. MATERIAL ADDED.
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED

H. VASU

CHECKED

PRASAD

700-31-366

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

WASHER

WEIGHT

SCALE

0.002

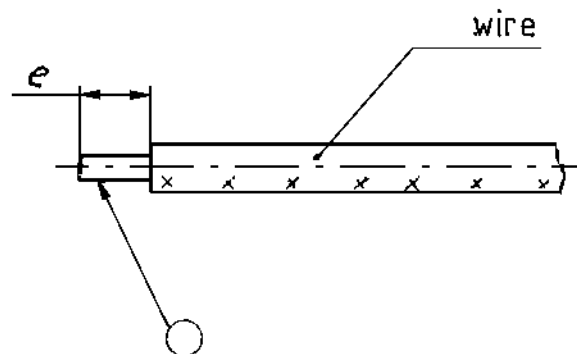
1:1

SHT

SHTS

steel cm3kn GOST 380-71

700-88-Sb202



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

Designation	Size,mm				Remarks
	ℓ				
700-88-cb202	7				
-01	10				

Forma	Zone	Ref. no.	DESIGNATION	DESCRIPTION	QTY.	REMARKS
				<u>Material</u>		
				Solder noc 40		
				GOST 2030-76		

00802-ICV

18 AUG 2000

00769-ICV

27 MAR 2000

DC(I)No.

& DATE

B

 Sn 40 Sb to IS:193-82
 ADDED AS EQ. MATERIAL

A

EQ. MATERIAL ADDED.

ISSUE

AMENDMENTS

APPROVED

H VASU

CHECKED

V. D. PATHAK

700-88-Sb202

 CONTROLLERATE
 OF
 QUALITY ASSURANCE
 (ICV)

WIRE TERMINATION

WEIGHT

SCALE

SHT

SHTS

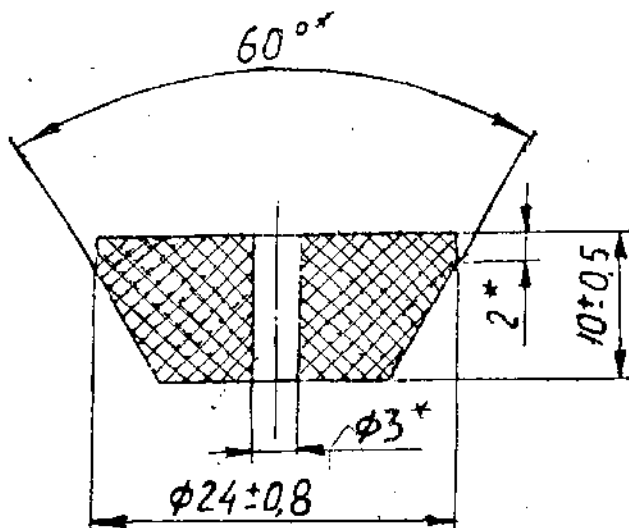
USED ON.
765-88-286

2 2

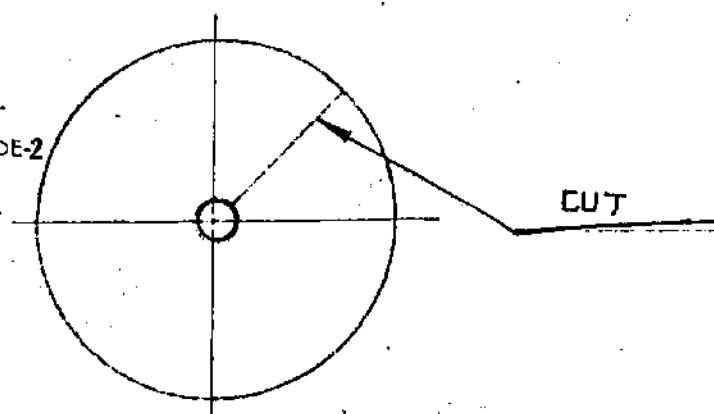
675-88-82 2 2

303/88

00802-1CV	(A)	EQ. MATERIAL ADDED IN THE DRAWING
18-8-2003		
DATE	ISSUE	AMENDMENT
		NATURE



(A) EQ. MATERIAL:- TYPE A, GRADE-2
TO IS: 5192-75



- * Provide dimensions by tools.
- Film is allowed in the hole of $\phi 3$ mm.
- Mark on tag.
- Other requirements are as per Technical specifications, Ty 005216-75, for article code 418260.
- Cut may be done while assembling.

384/88

APPROVED	<i>[Signature]</i> M VASU	765-88-52	
CHECKED	<i>[Signature]</i> PRASA		
CONTROLLERATE OF INSPECTION (ICV)		BUSHING	WEIGHT SCALE
		RUBBER 1847 TY 005216-75	0.003 2:1
		SHT	SHTS
			95 75 OF 84