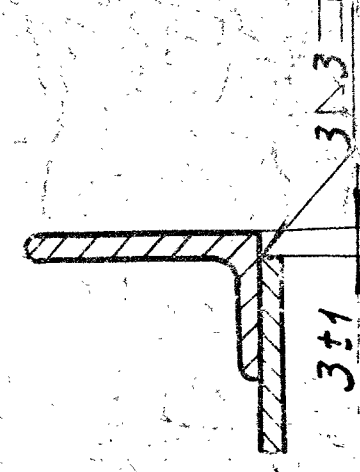
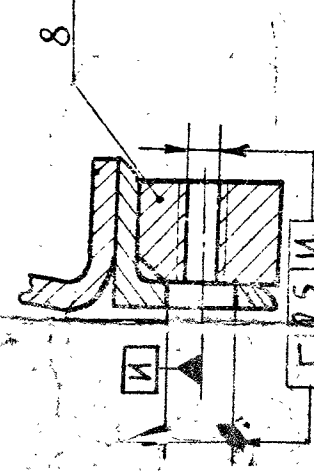
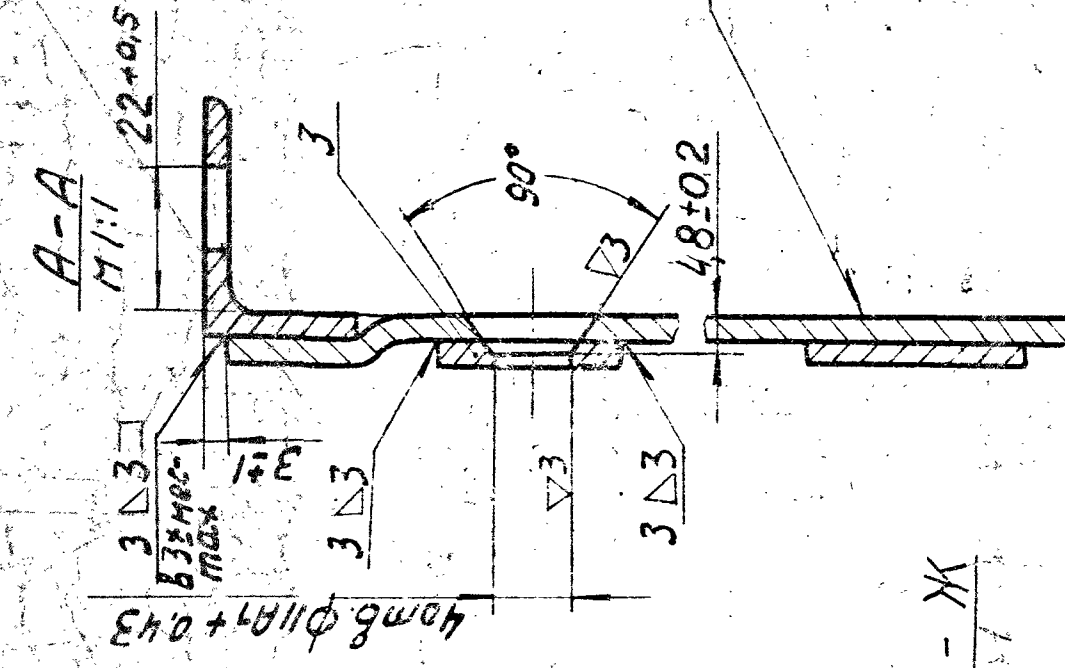
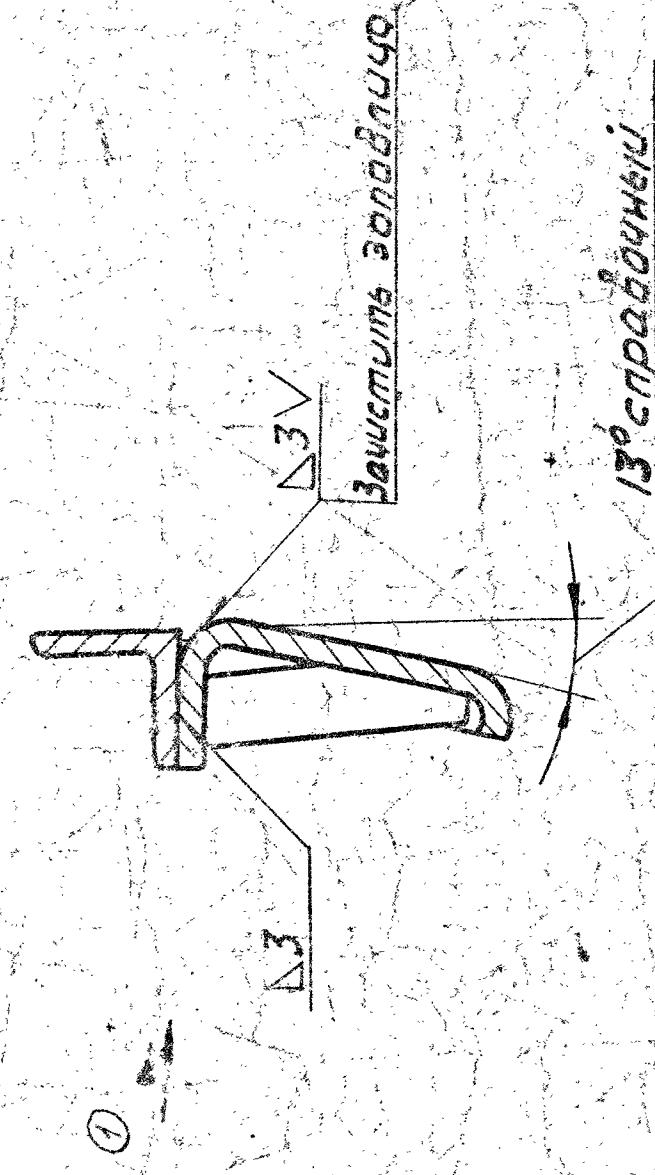
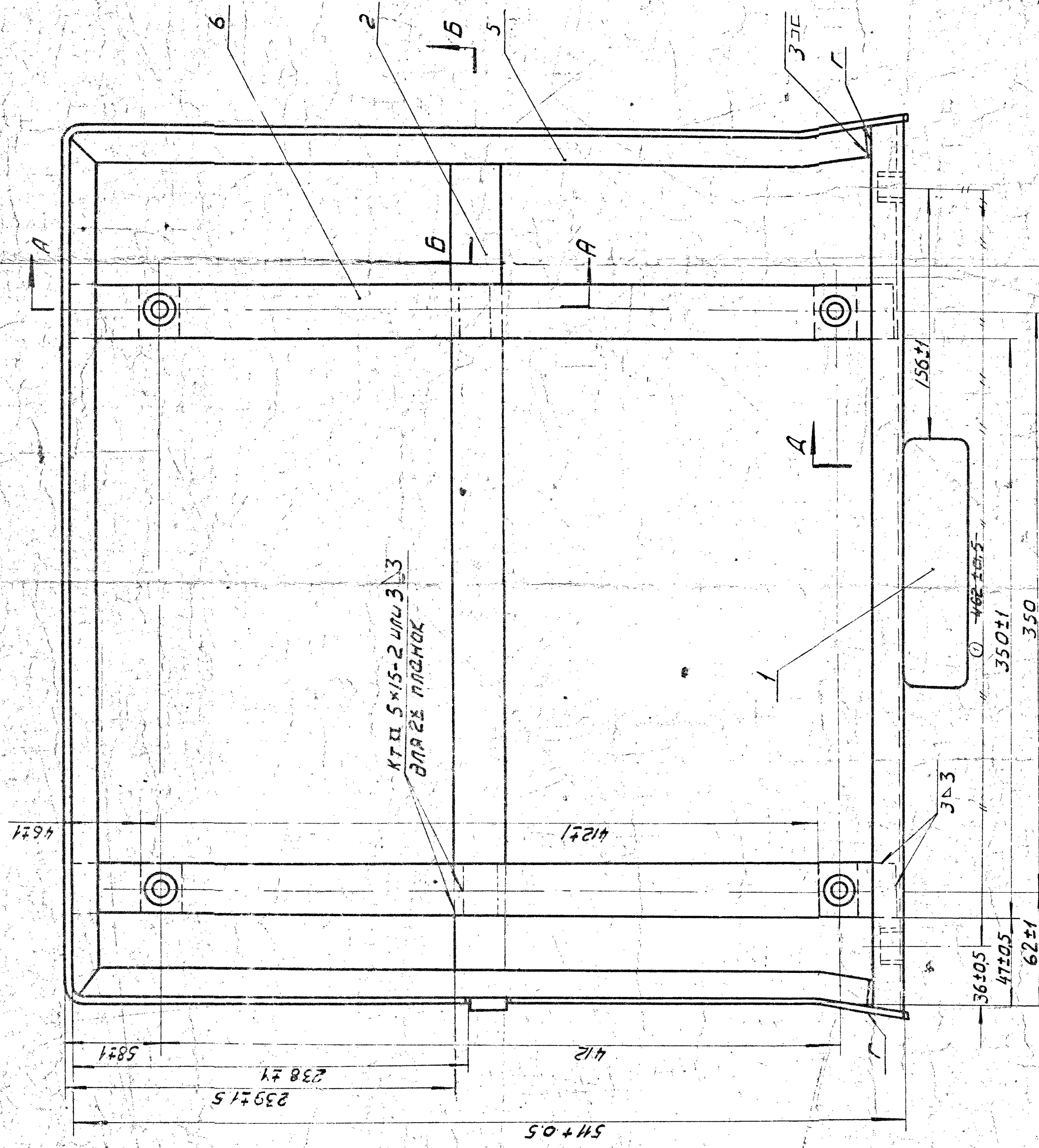
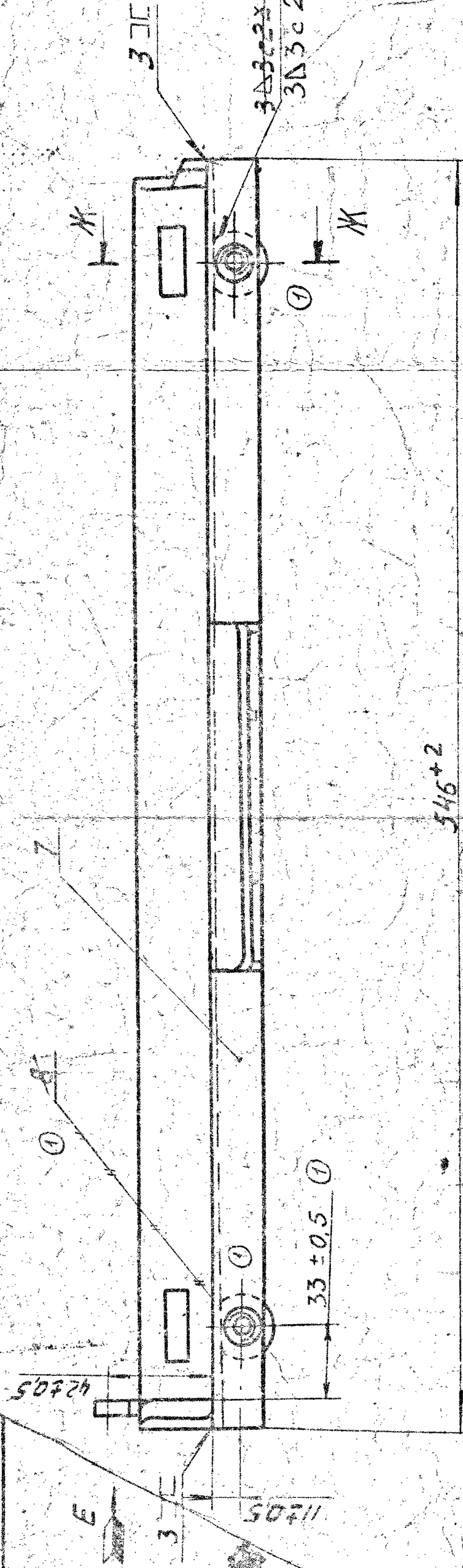




MASTER COPY

D88

[illegible]

1. Смещение осей отверстий от номинального положения 0,5 мм.
2. Неплоскостность и коробление поверхности В 1,5 мм на длине 500.
3. Зазор Г заварить. Сварные швы зачистить.
4. Для обеспечения заданных размеров допускаться подгонка деталей по месту.
5. Покрывать лаком черным кислотостойким



- A

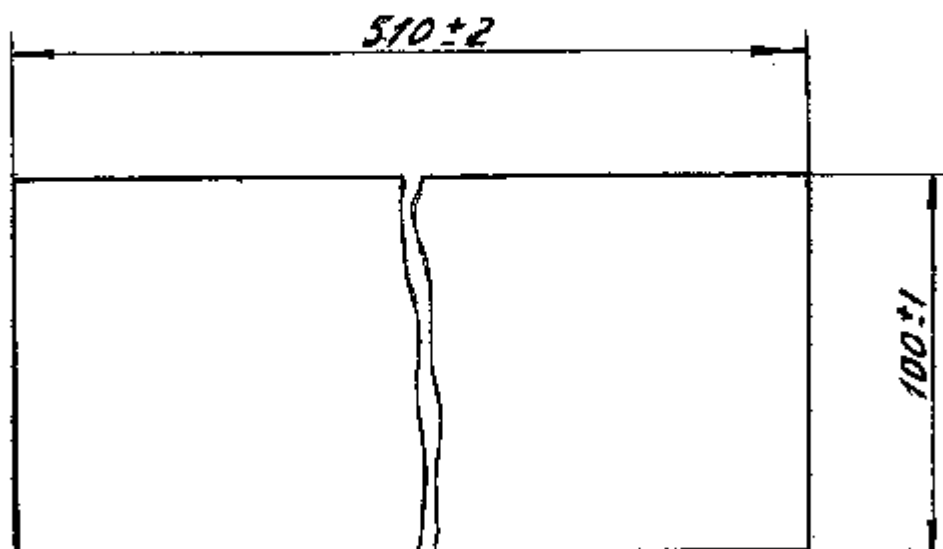
E

SCALE
1:2



765-89-216

765-89-Cb216 4 8



Thickness 3 ± 0.4

1. Dress the plywood edges.
2. Impregnate with natural drying oil and coat with black acid-resistant varnish.

WEIGHT
0.1

				DGN/R&D AUTHY	CONTRACTOR'S NAME				
				TOL TO JSS 50003	DRN <i>a</i>	CHD <i>2</i>			
				MATL	TCD	COMP			
					APPD: <i>Am</i>				
ISSUE	ZONE	HRTT - IN COMD	APPD	FINISH	PASSED				
				SEALED					
				CAT. NO					
				DRG. NO. 765-89-216 SHEET 1 OF 1 AHSP-CQA(AVL), AVADI					
SCALE 1:2 		TITLE GASKET Birch plywood		ISSUE <table border="1"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>					

DRG INDIANISED BASED ON RUSSIAN ORIGINAL



REF

AUTHORITY

DATE

SIG.

(A)

CQAP LETTER No.

6-12-93

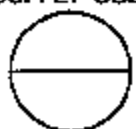
247156/CQAP, DT.

16-4-92

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

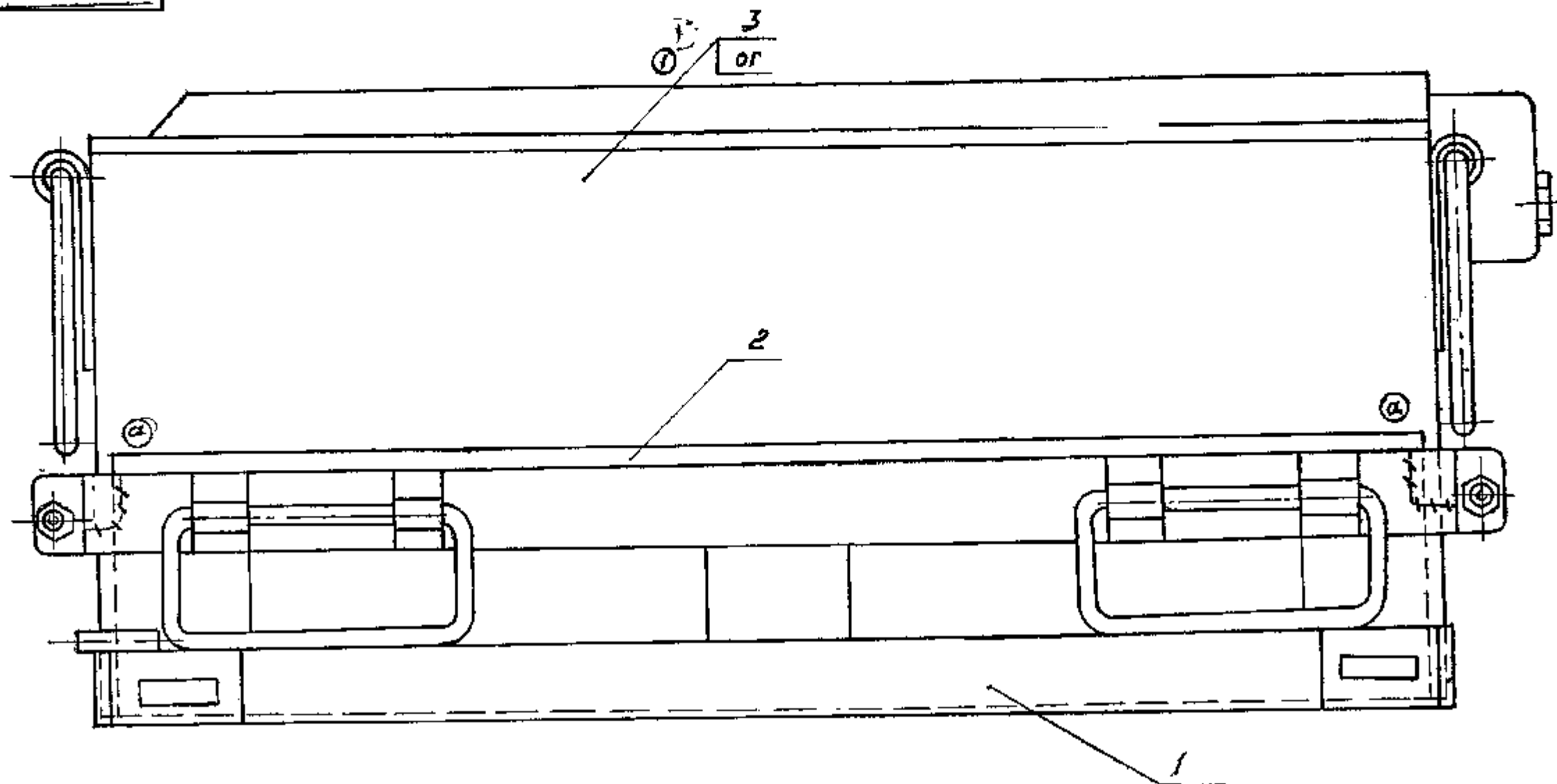
		DESCRIPTION		QTY	REMARKS
			Technical papers		
12		765-89-c5216c5 OR 765-89-C5 216 c5-IND (A)	Assembly Drawing		APPLICABLE IN CASE OF INDIGENOUS STOR- AGE BATTERY ASSY.
			Assembly Units		
22	1	765-89-c5215	Storage battery		
			basket	1	
			Parts		
11	2	* 765-89-216 (A)	* Gasket	4 *	max.Qnty
				(*)	OMMITTED FOR INDIGENOUS STORAGE BATTERY ASSY.
			Other items		
	3	* SEE BELOW (A)	Starter lead battery		1 Piece commercial
			6CT3H-140M TY16-529-357-78		may be repl- laced by Ref. No. 4
	4	* SEE BELOW (A)	Starter lead battery		1 Piece commercial
			6CT - 140 P		may be repl- aced by Ref.
			STY 16-529,357-78		No. 3
		(A)			
		* INDIGENOUS EQUIVALENT STORAGE BATTERY			
		DS CAT.No.	SERVICE DESIGNATION	QTY	REMARKS
		LV6/MT4-6140-000095 005117	BATTERY, SECONDARY LEAD ACID 12V, 140 Ah 1A. 120	2	CIL 2476 4429A

		DGN/R&D AUTHY		CONTRACTOR'S NAME	
		TOL TO JSS 50003		DRN	CHD
		MATL		TCD	COMP
		FINISH		APPD:	
				PASSED	
ISSUE		ZONE		BRIEF RECORD	
SCALE				APPD	
		TITLE STORAGE BATTERY			DRG. NO.
					765-89-c5216
					SHEET 1 OF 1
				AHSP-CQA(AVL), AVADI	
				ISSUE	



DRAWING NUMBER
765-89-216C5

USED ON Qty
675-89-Cb2 2 2



- 1) Bolts, fastening basket to storage battery, should be securely tightened.
- 2) Place gaskets Ref. No. 2 from two sides between storage battery and basket, Ref. No. 1, 1 to 2 in number from each side.

WEIGHT

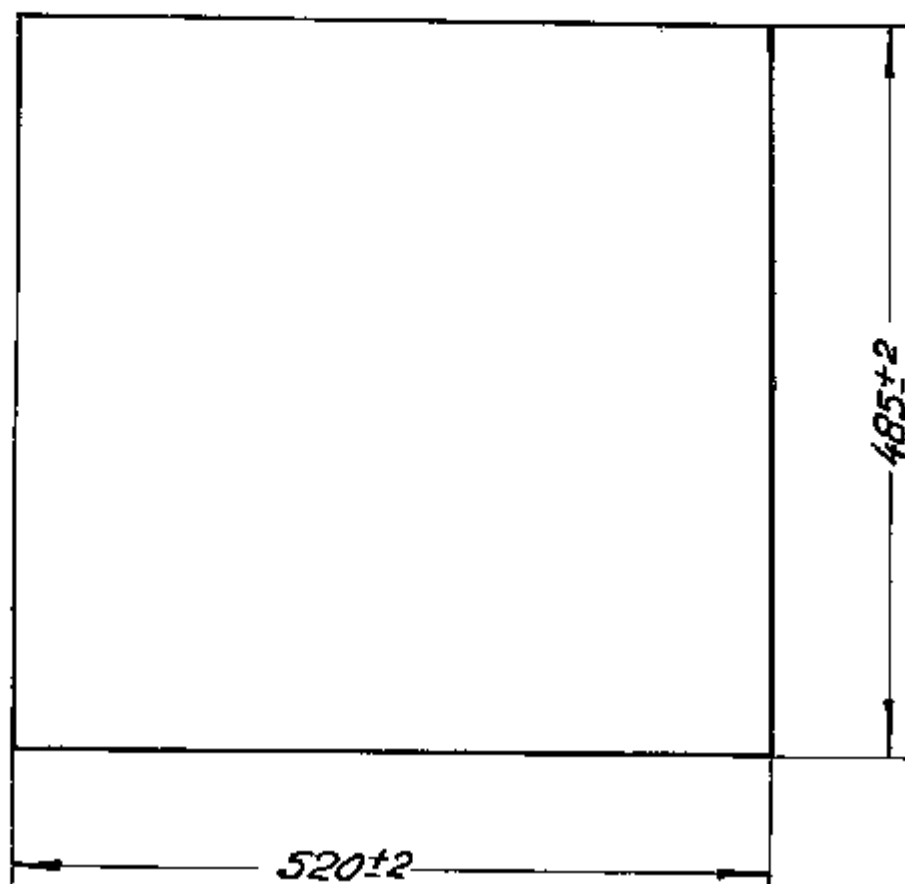
64.18

ISSUE		ZONE	BRIEF RECORD	APPD	DGN / R & D AUTHY	CONTRACTORS NAME	
SCALE		TITLE			TOL TO JSS 50003	DRN	CHD
		STORAGE BATTERY (Assembly Drawing)			MATL	TCD	COMP
					FINISH	APPD	
						PASSED	
						SEALED	
						CAT NO	
						DRG NO	ISSUE
						765-89-216C5	
						SHEET 1 OF 1	
						AHSP COA(AVL) AVADI	

Имя, фамилия, отчество и дата рождения
 08.09.1968
 Подпись и дата
 18.09.1968
 Взам. инв. №
 5/1

DRG. NO.

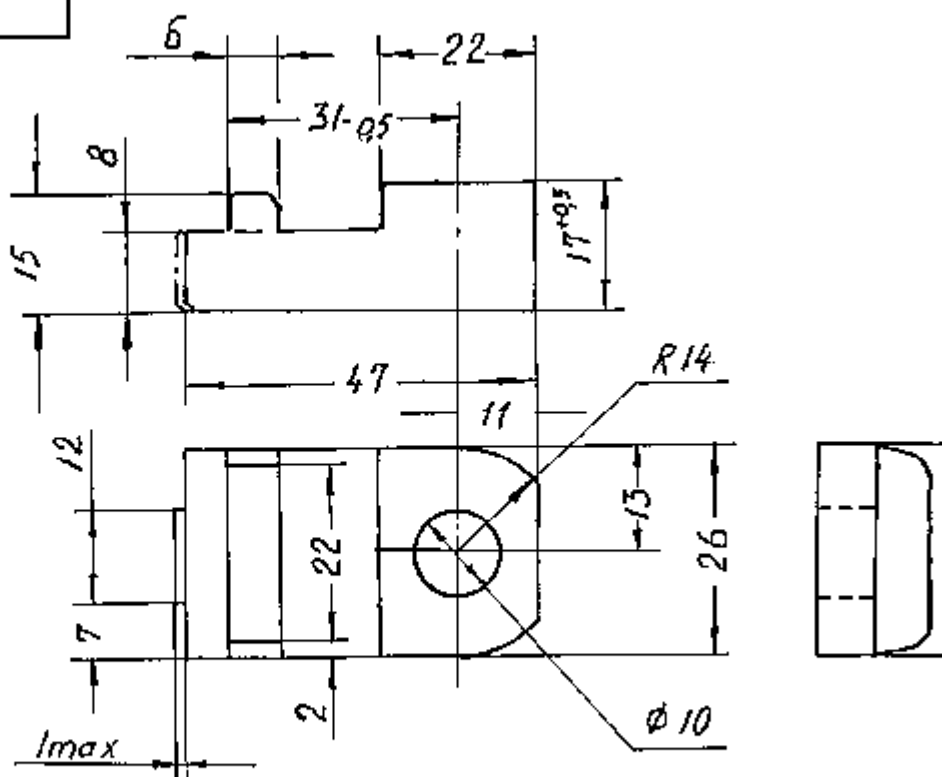
765-89-184

USED ON
675-89-Cb2Qty
1 1Thickness $4 \pm 0,4$ mm.

1. Dress the plywood edges.
2. Impregnate with natural drying oil and coat with black acid-resistant varnish.

WEIGHT
0.180

ISSUE	ZONE	BRIEF RECORD	APPD	DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO ISS 50003	DRN <i>a</i>	CHD <i>[Signature]</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>[Signature]</i>	
				PASSED		
				SEALED		
				CAT. NO		
SCALE 1:5		TITLE BASE Birch plywood		DRG. NO. 765-89-184		ISSUE
		SHEET 1 OF 1				
		AHSP-CQA(AVL), AVADI				



- 1) Casting radii should not exceed R3 Unspecified radii are R 2.
- 2) Other requirements are as per OST3-4365-79.
- 3) Coating, Zinc-plated, 9 microns thick, chromating.
- 4) Part may be made as per conventional contour.
- 5) Perform dimensions without deviations as per 7 class accuracy, OST 1010.
- 6) Internal surfaces and places of casting defects may not be coated.

WEIGHT
0.135

				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>e</i>	CHD <i>[Signature]</i>
				MATL	TCD	COMP
					APPD: <i>[Signature]</i>	
				FINISH	PASSED	
SEALED						
ISSUE	ZONIF	BRIEF RECORD	APPD	CAT. NO		
SCALE		TITLE			DRG. NO.	ISSUE
		LOCK <i>Casting</i> <u>I OST3- 4365-79</u> <u>30/1 - GOST 977-75</u>			765-89-251	
					SHEET 1 OF 1	
					AHSP-CQA(AVL), AVADI	

DRG. NO.

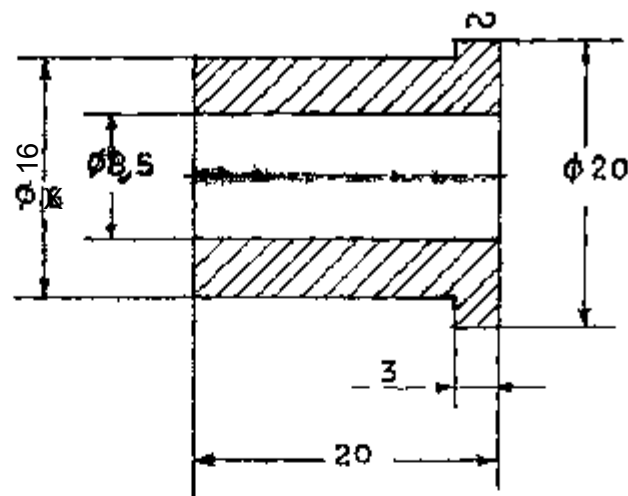
16Z-68-99Z

USED ON

765-89-Cb5 4 4

675-89-Cb2 4 4

▽ 3 (▽)



1. ALTERNATE MATERIAL IS AK 8 GOST 4784-74
 2. UNSPECIFIED- LIMIT DEVIATION OF DIMENSION
 ARE AS FOLLOWS: FOR HOLES - AS PER A7,
 SHAFTS - AS PER B7
 3 COAT, EXCEPT FOR INSIDE SURFACES OF PART WITH
 PRIMER ϕ Л-03 K GOST 9109-81 AND PAINT
 WITH ENAMEL МФ-223, WHITE-1, GOST 14923-78

WEIGHT
0.01

ISSUE	ZONE	RTTC RECORD	APPD	DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>Q</i>	CHD <i>Q</i>
				MATL	TCD	COMP
					APPD: <i>Q</i>	
				FINISH	PASSED	
	SEALED					
				CAT. NO		
SCALE 2:1		TITLE BUSHING BAR AIT-20 GOST 21488-76			DRG. NO. 765-89-291 SHEET 1 OF 1 AHSP-CQA(AVL), AVADI	
				ISSUE		

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

DRAWING NUMBER

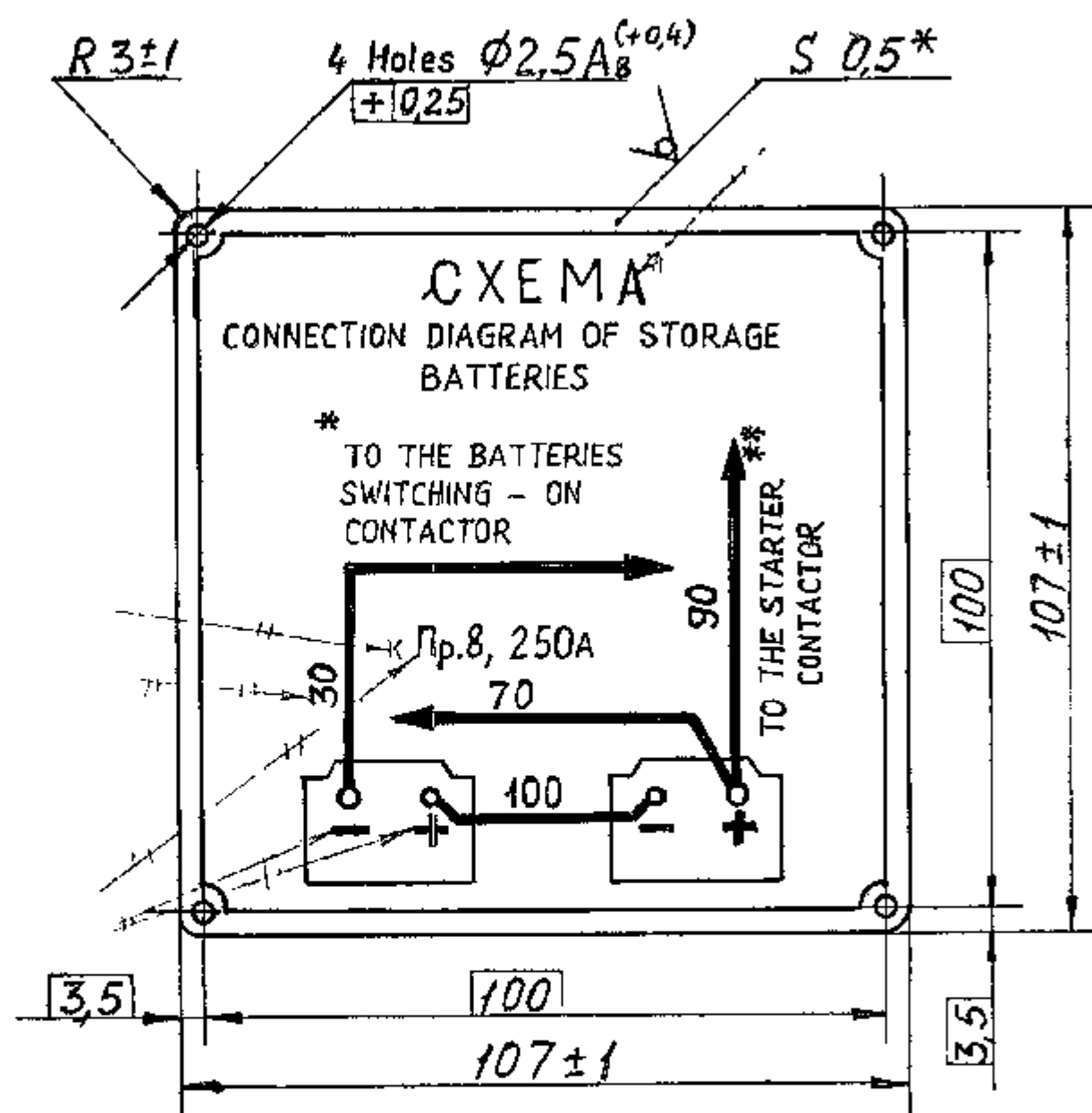
765-89-315

USED ON	Qty
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USED ON	Qty
765-89-Cb194	1 1

675-89-Cb101	1	1
--------------	---	---

Rz80
✓(✓



- 1) Alternate material is А63 and А68, GOST 15527-70.
- 2) Apply colourless varnish нФ-283, GOST 5470-75 on to the face side of instruction plate
- 3) Photo chemical pickling
 - a) Face side back ground should be black
 - b) Inscriptions, letters, signs should be of metal colour
- 4) Inscriptions should be clear, sharp and stand distinctly against the instruction plate back ground, instruction plate back ground should not be washed out with water, oil and diesel fuel.
- 5) Dimension with (*) ^{is} given for reference.

WEIGHT

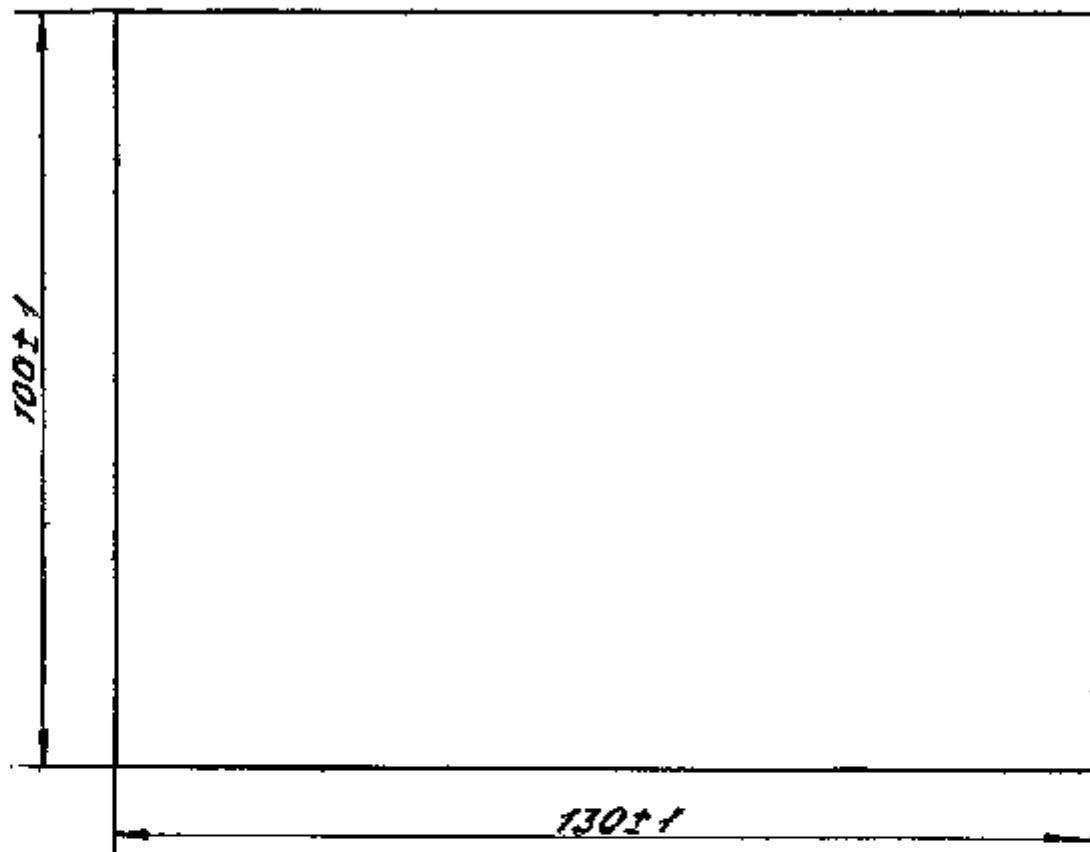
0.02

				DGN / R & D AUTHY	CONTRACTORS NAME	
				TOL TO JSS 50003	DRN <i>e</i>	CHD <i>200</i>
				MATL	TCD	COMP
					APPD <i>200</i>	
FINISH	PASSED					
	SEALED					
	CAT NO					
ISSUE	ZONE	BRIEF RECORD	APPD	DRG NO		ISSUE
SCALE 1:1		TITLE <i>INSTRUCTION PLATE</i>			765-89-315	
		SHEET <i>A16 AM -0,5 GOST</i> 21631-76			SHEET 1 OF 1	
					AHSP COA(AVL) AVADI	

DRG. NO.

765-89-128

2

Thickness $0,5 \pm 0,05$ WEIGHT
0.004

				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>R</i>	CHD <i>R</i>
				MATL	TCD	COMP
					APPD: <i>R</i>	
FINISH	PASSED					
	SEALED					
ISSUE	ZONE	BRIEF RECORD	APPD	CAT. NO		
SCALE 1:1		TITLE GASKET			DRG. NO.	
		Electrical insulation board GOST 2824-75			765-89-128	
					SHEET 1 OF 1	
					AHSP-CQA(AVL), AVADI	

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

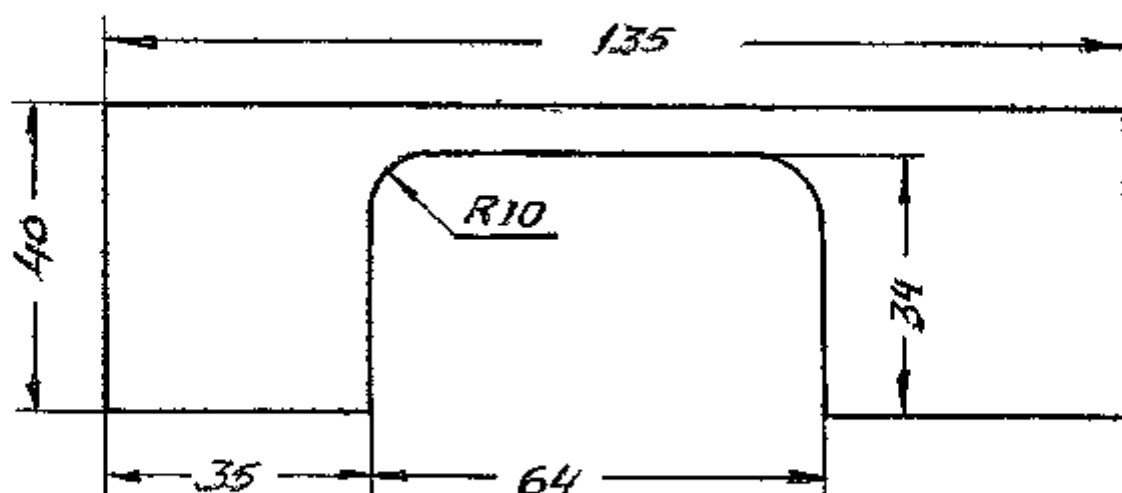
Подп. и дата

Исполн. и дата

Исполн. и дата

DRG. NO.

765-89-154

Thickness 0.5 ± 0.05

1.

1. Provide dimensions with accuracy of $\pm 1\text{mm}$

WEIGHT

0.002

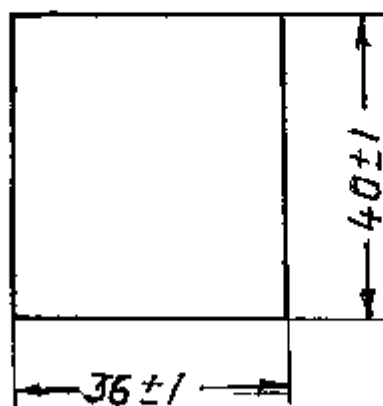
ISSUE	ZONE	RTTF RECORD	APPD	DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>Q</i>	CIID <i>Q</i>
				MATL	TCD	COMP
					APPD: <i>Q</i>	
				FINISH	PASSED	
	SEALED					
				CAT. NO		
SCALE 1:1		TITLE		DRG. NO.		ISSUE
		GASKET		765-89-154		
		Electrical insulation, board, GOST 2824-75		SHEET 1 OF 1		
				AHSP-CQA(AVL), AVADI		

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

DRG. NO.

765-89-155

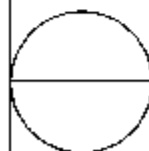


Thickness ^(a) $0,5 \pm 0,05$

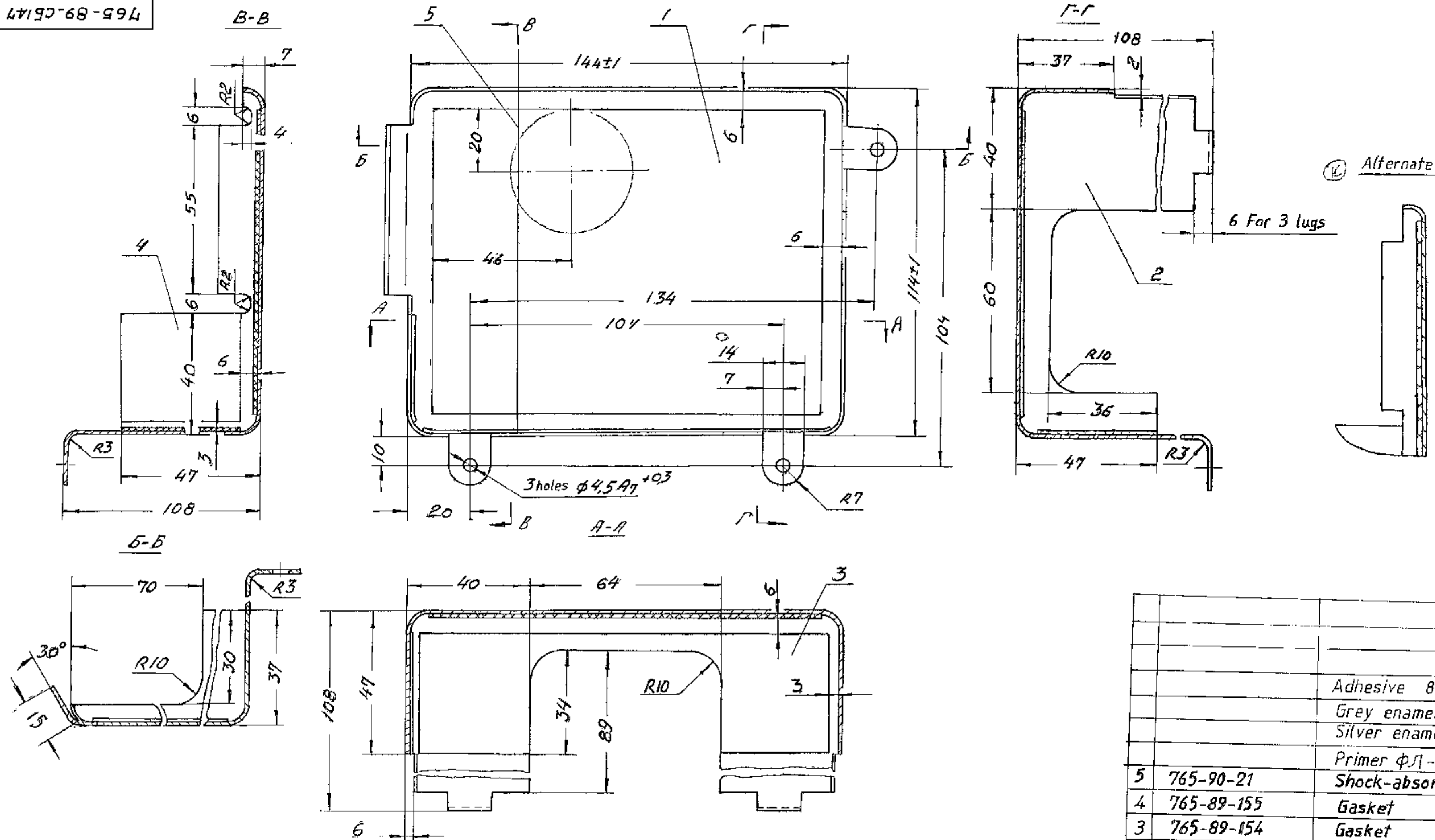
WEIGHT



				DGN/R&D AUTHY	CONTRACTOR'S NAME		
				TOL TO JSS 50003	DRN <i>e</i>	CHD <i>CHD</i>	
				MATL	TCD	COMP	
				FINISH	APPD: <i>Am</i>		
					PASSED		
ISSUE	ZONE	WRITE RECORD	APPD	SEALED	CAT. NO		
SCALE 1:1		TITLE GASKET Electrical insulation board, GOST 2824-75			DRG. NO.		ISSUE
					765-89-155		
					SHEET 1 OF 1		
					AHSP-CQA(AVL), AVADI		



765-89-СБ147



Ⓚ Alternate

6 For 3 lugs

REF. NO.	Designation	Description	Qty	Remarks
		Adhesive 88-НП		
		Grey enamel МЛ-12		
		Silver enamel МЛ-165		
		Primer ФЛ-03-Ж		
5	765-90-21	Shock-absorber	1	
4	765-89-155	Gasket	1	
3	765-89-154	Gasket	1	
2	765-89-153	Cover	1	W/D
1	765-89-128	Gasket	1	

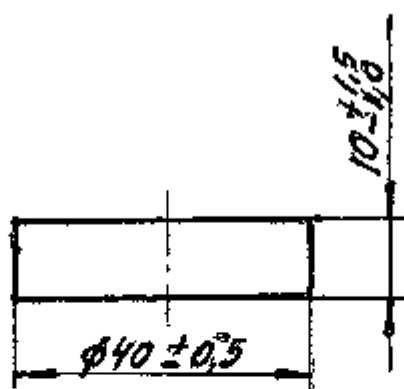
WEIGHT
0.078

1. Make part Ref.No.2 from material sheet AMr66M-1, GOST 21631-76, weight 0,066.
 - a) Blunt sharp edges.
 - b) Provide dimensions without deviations with accuracy of $\pm 0,5$ mm.
 - c) Displacement of axes of holes from true position should not exceed 0,25 mm.
 - d) Unspecified radii should not exceed 5 mm.
 - e) Part may be made by cutting at corners followed by argon arc welding and dressing of welds, in this case unspecified radii should not exceed 5 mm.
 - f) Coating: Anodic oxidation, chromatization apply primer ФЛ-03-Ж GOST 9109-81 on the external surface of cover/МЛ-12, GOST 9754-76 and then with silver enamel МЛ-165, GOST 12034-77.
 - g) Alternate material is AMr5. GOST 4784-74.
- 2 Cement the gaskets with adhesive 88-НП, ТУ 38-105540-73, to part, Ref.No.2.
- 3 Projection of gaskets beyond cover edges is not allowed

Land paint with
grey enamel

DGN / R & D AUTH		CONTRACTORS NAME	
TOI. TO JSS 50003		DRN <i>e</i>	CHD <i>g</i>
MATI :		TCD :	COMP
FINISH :		APPD : <i>DM</i>	
		PASSED :	
		SEALED :	
		CAT. NO. :	
ISSUE	ZONE	BRIEF RECORD	APPD
SCALE 1:1	TITLE : COVER		DRG. NO. 765-89-СБ147
			SHEET OF
			AHSP CQA(AVL), AVADI

765-90-21



- 1 Other requirements are as per Technical specifications TY 105817-81.
- 2 Alternate material is spongy rubber as per Technical specifications TY 005216-75

0 001

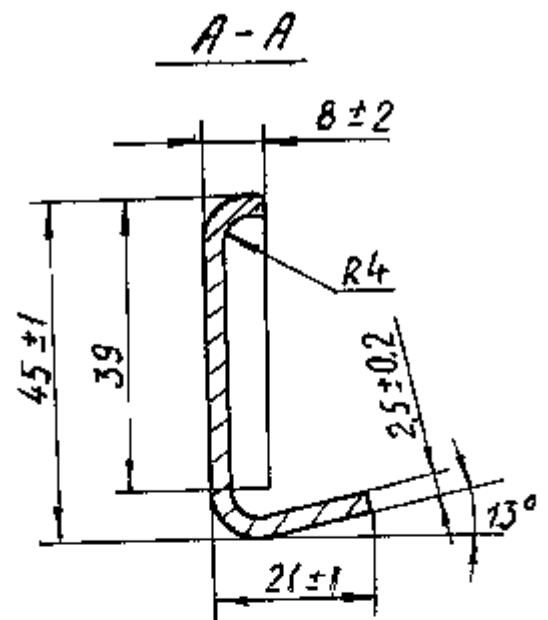
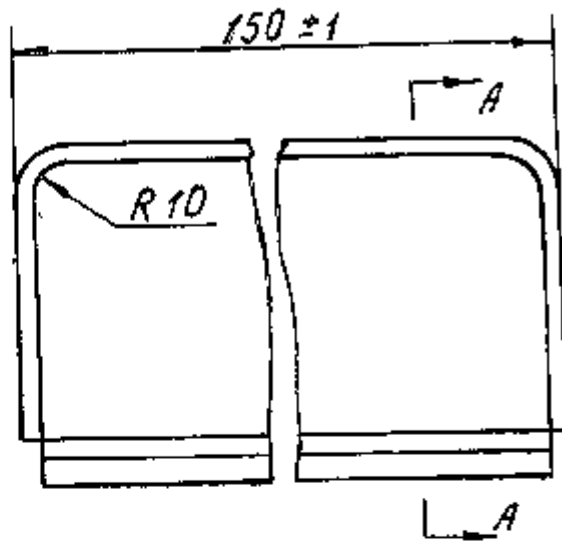
				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>e</i>	CHD <i>g</i>
				MATL	TCD	COMP
					APPD: <i>Am</i>	
ISSUE	ZONE	BRIEF RECORD	APPD	FINISH	PASSED	
				SEALED		
				CAT. NO		
SCALE 1:1		TITLE SHOCK ABSORBER			DRG. NO. <i>765-90-21</i>	ISSUE
		Spongy sheet 1st grade pressed TY 38 105 817-81			SHEET 1 OF 1	
					AHSP-CQA(AVL), AVADI	

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

DRG. NO.

765-89-231

3



1. Burrs are not allowed.
2. Provide dimensions without deviations with accuracy of ± 0.5 mm.
3. Alternate material is steel cm2 GOST 380-71 and steel 15 and steel 20 GOST 1050-74.

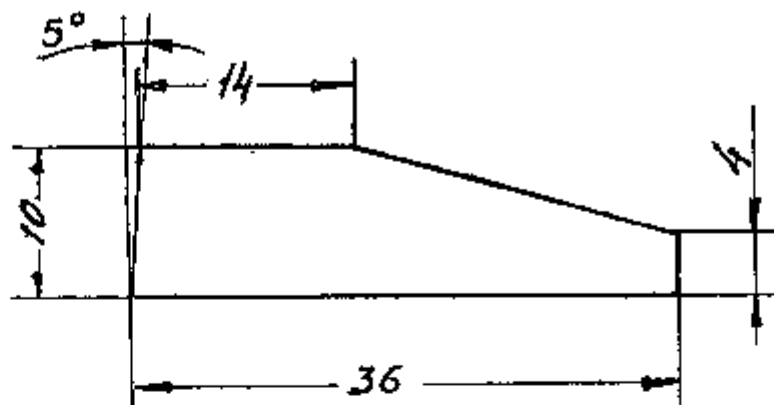
WEIGHT
0.426

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

				DGN/R&D AUTHY	CONTRACTOR'S NAME					
				TOL TO JSS 50003	DRN <i>e</i>	CHD <i>[Signature]</i>				
				MATL	TCD	COMP				
					APPD: <i>[Signature]</i>					
				FINISH	PASSED					
				SEALED						
ISSUE	ZONE	BRIEF RECORD	APPD	CAT. NO						
SCALE 1:1		TITLE BRACKET Steel 10 GOST 1050-74			DRG. NO. 765-89-231 SHEET 1 OF 1 AHSP-CQA(AVL), AVADI					
		ISSUE <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>								

DRG. NO.

765-89-232

Thickness 3 ± 0.18

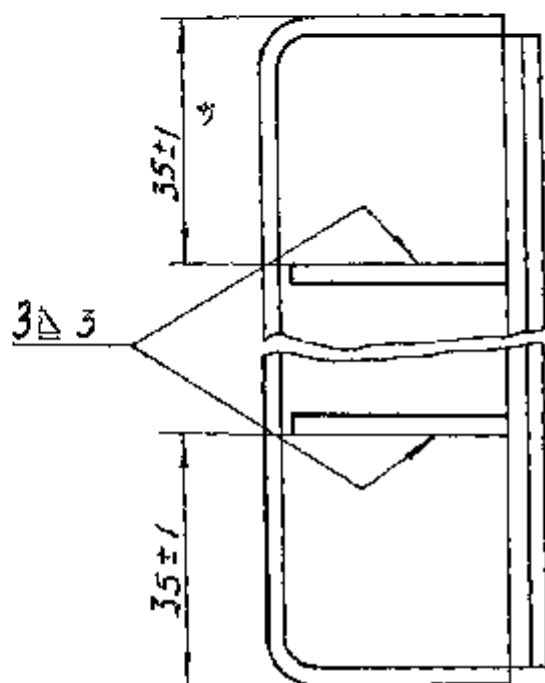
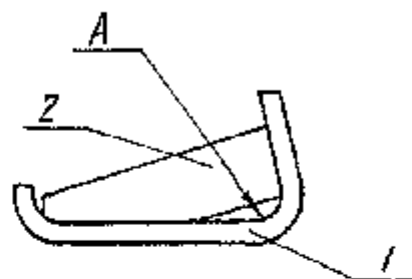
1. Burrs are not allowed.
2. Provide dimensions without deviations with accuracy of $\pm 0.5\text{mm}$.
3. Alternate material is steel cm2cn, cm5cn, GOST 380-71 and steel 15,20,25 and steel 30 GOST 1050-74.

WEIGHT

0.054

ISSUE	ZONE	BRIEF RECORD	APPD	DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO ISS 50003	DRN <i>a</i>	CHD <i>[Signature]</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>[Signature]</i>	
				PASSED		
				SEALED		
				CAT. NO		
SCALE 2:1		TITLE CORNER PLATE			DRG. NO. 765-89-232	
		Steel 3cn GOST 380-71			SHEET 1 OF 1	
					AHSP-CQA(AVL), AVADI	
					ISSUE	

765-89-184



1) Non-squareness of corner plate, Ref. No. 2 with respect to surface A should not exceed 2,0 mm.

		Electrode 3-50		
		GOST 9467-75		
2	765-89-232	Corner plate	2	
1	765-89-231	Bracket	1	
R.No	Designation	Description	Qty	Remarks

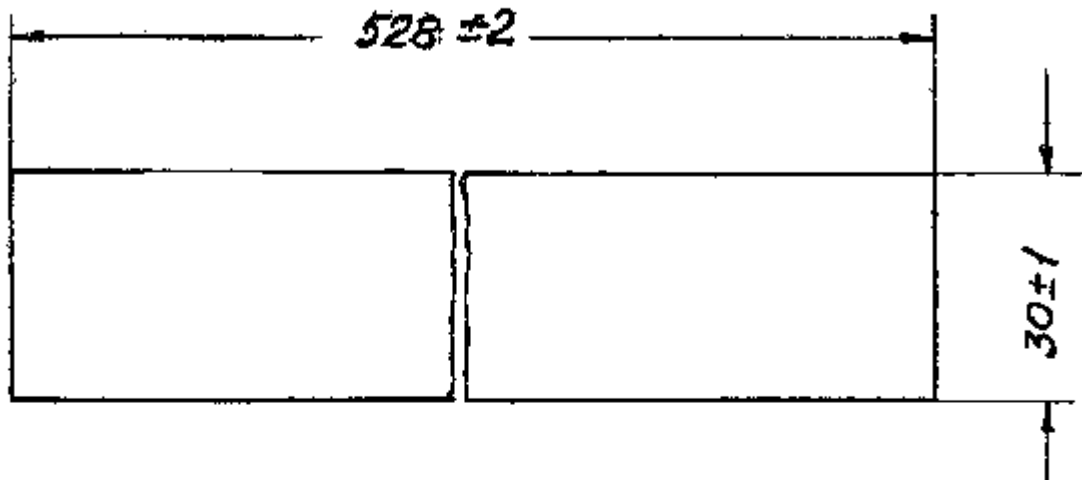
WEIGHT
0.544

				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>a</i>	CHD <i>g</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>Am</i>	
					PASSED	
ISSUE	70MF	BRIEF RECORD	APPD	CAT.NO		
SCALE 1:1		TITLE BRACKET		DRG.NO. 765-89-cd 184		ISSUE
				SHEET 1 OF 1		
AHSP-CQA(AVL), AVADI						

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

765-89-212

USED ON	Qty
765-89-Cb204	1 1



Thickness $3 \pm 0,22$

1. Burrs are not allowed.
2. Alternate material is cm2cn, cm5cn, GOST 380-71 and steel 15,20,25 and steel 30 GOST 1050-74.

WEIGHT
0.35

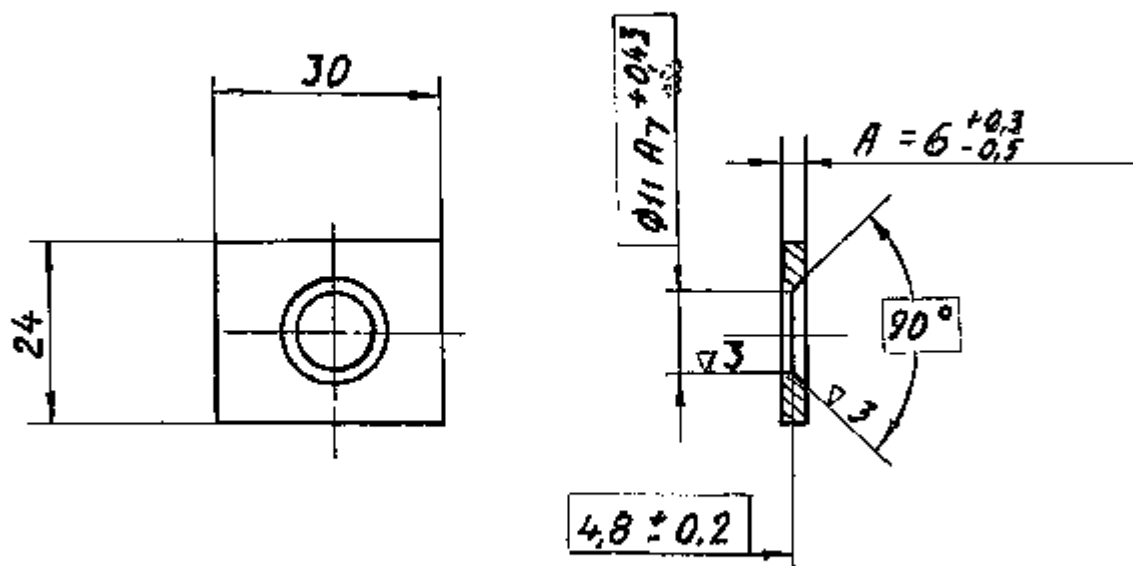
				DGN/R&D AUTHY	CONTRACTOR'S NAME		
				TOL TO JSS 50003	DRN <i>a</i>	CHD <i>2-18</i>	
				MATL	TCD	COMP	
					APPD: <i>dm</i>		
				FINISH	PASSED		
SEALED							
CAT. NO							
TSSUE	ZONE	BRIEF RECORD	APPD				
SCALE 1:2		TITLE STRAP Steel 3cn, G06T380-71			DRG. NO.		ISSUE
					765-89-212		
					SHEET 1 OF 1		
					AHSP-CQA(AVL), AVADI		

ORG INDIANISED BASED ON RUSSIAN ORIGINAL

DRG. NO.
765-89-214

USED ON Qty
765-89-Cb204 4 4

~ Unless otherwise specified.



1. Burrs are not allowed.
2. Machine to dimensions given in in assembly.
3. Provide dimensions without deviations with accuracy of $\pm 1.5\text{mm}$.
4. Alternate material is cm2cn, cm5cn, GOST 380-71 and steel 15,20,25 and steel 30 GOST 1050-74
5. Part may be made to dimensions $A=5^{+0.3}_{-0.5}$

WEIGHT
0.030

				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>a</i>	CHD <i>[Signature]</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>[Signature]</i>	
					PASSED	
					SEALED	
					CAT. NO	
ISSUE	ZONE	REVIEW RECORD	APPD	DRG. NO.		SSUP
SCALE 1:1		TITLE		765-89-214		
		STRAP		SHEET 1 OF 1		
		Steel 20 GOST 1050-74		AHSP-CQA(AVL), AVADI		

DRG. NO.

68Z-68-991

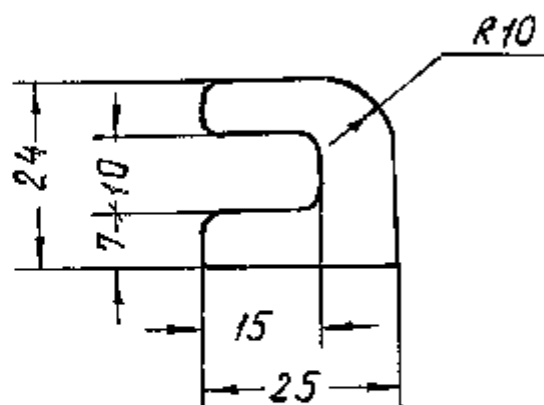
USED ON

765-89-Cb204

Qty

1 1

2

Thickness = $4 \pm 0,4$ mm.

- 1) Burrs are not allowed.
- 2) Provide dimensions without deviations with an accuracy of $\pm 0,5$ mm.
- 3) Unspecified radii are R2.
- 4) Alternate material is sheet cm3 on GOST 380-71 and steel 10, 15, 25 GOST-74, steel 15 Γ and 20 Γ GOST 4543-71.
- 5) Stamping draft and rounding of edges is allowed.

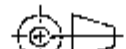
WEIGHT

0.014

				DGN/R&D AUTHY		CONTRACTOR'S NAME	
				TOL TO JSS 50003		DRN <i>a</i>	CHD <i>CB</i>
				MATL		TCD	COMP
						APPD: <i>Rm</i>	
				FINISH		PASSED	
				SEALED			
ISSUE		ZONIF		BRIEF RECORD		APPD	
SCALE 1:1		TITLE		STRAP		DRG. NO.	
		STEEL 20 GOST 1050 - 74.		765-89-239		ISSUE	
				SHEET 1 OF 1			
				AHSP-CQA(AVL), AVADI			

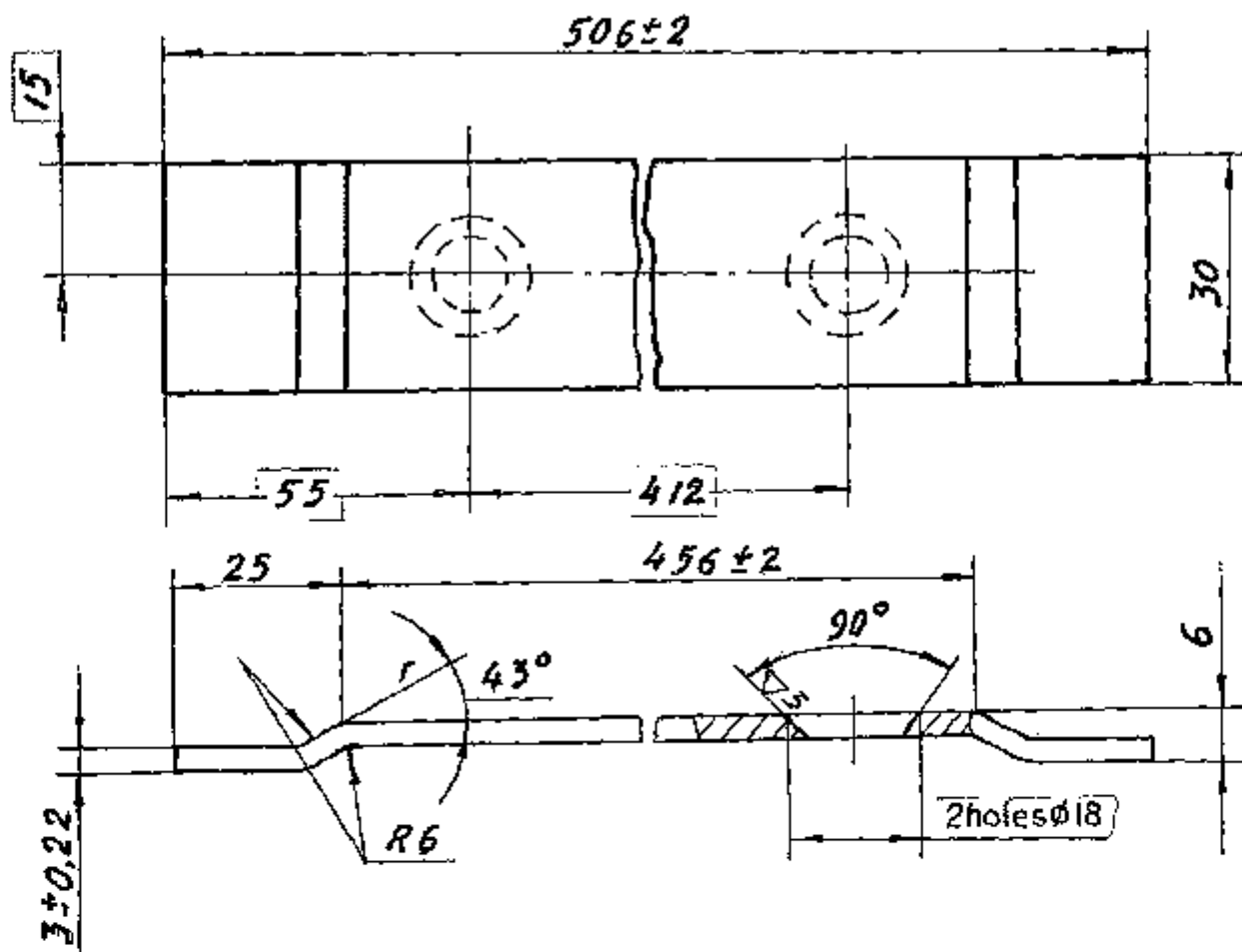
DRG INDIANISED BASED ON RUSSIAN ORIGINAL

SIZE A2

				DGN / R & D AUTHY		CONTRACTORS NAME	
				TOI TO JSS 50003		DRN <i>a</i>	CHD <i>2000</i>
				MATL :	TCD :		COMP
					APPD : <i>2000</i>		
FINISH :		PASSED :					
		SEALED :					
ISSUE	ZONE	BRIEF RECORD	APPD	CAT. NO. :			
SCALE		TITLE : <i>FRAME</i>		DRG. NO.		ISSUE	
		<i>ANGLE PLATE 6-32x20x3</i> <i>STILL 3 KN GOST 8510-72</i>		<i>765-89-245</i> SHEET OF		☐	
						☐	
						☐	
				AHSP CQA(AVL), AVADI			

DRG. NO.

948-68-596

USED ON Qty
765-89-Cb204 2 2Unless other
wise specified

1. Burrs are not allowed.
2. Provide dimensions without deviations with accuracy of ± 0.5 upto 80.
3. Machine to dimensions given in in assembly.
4. Alternate material is steel cm2cn, cm5cn, GOST 380-71 and steel 15,20,25 and steel 30 GOST 1050-74.

WEIGHT

0.284

DGN/R&D AUTHY		CONTRACTOR'S NAME	
		TOL TO JSS 50003	DRN <i>e</i> CHD <i>222</i>
		MATL	TCD COMP
		APPD: <i>RM</i>	
FINISH		PASSED	
		SEALED	
CAT. NO		DRG. NO.	
ISSUE		765-89-246	
ZONE		SHEET 1 OF 1	
BRIEF RECORD		AHSP-CQA(AVL), AVADI	
APPD		ISSUE	
SCALE 1:1		TITLE	
STRAP		Steel 3cn, GOST 380-71	

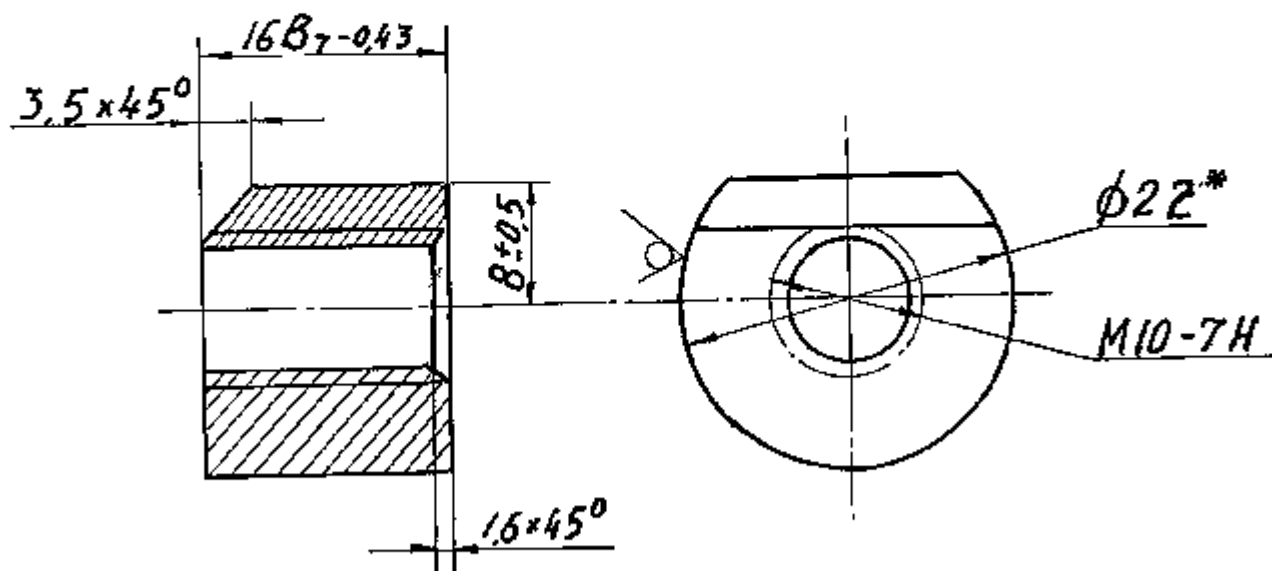
DRG INDIANISED BASED ON RUSSIAN ORIGINAL

DRG. NO.

765-89-313

USED ON Qty
765-89-Cb204 2 2

RZ 80 / (✓)



1. Alternate material is steel 25,35 GOST 1050-74, steel 3 cn GOST 380-71
2. Unspecified limit deviations of dimensions are $\pm 0,5\text{mm}$.
3. Dimension marked with * is given for reference.

WEIGHT
0.032

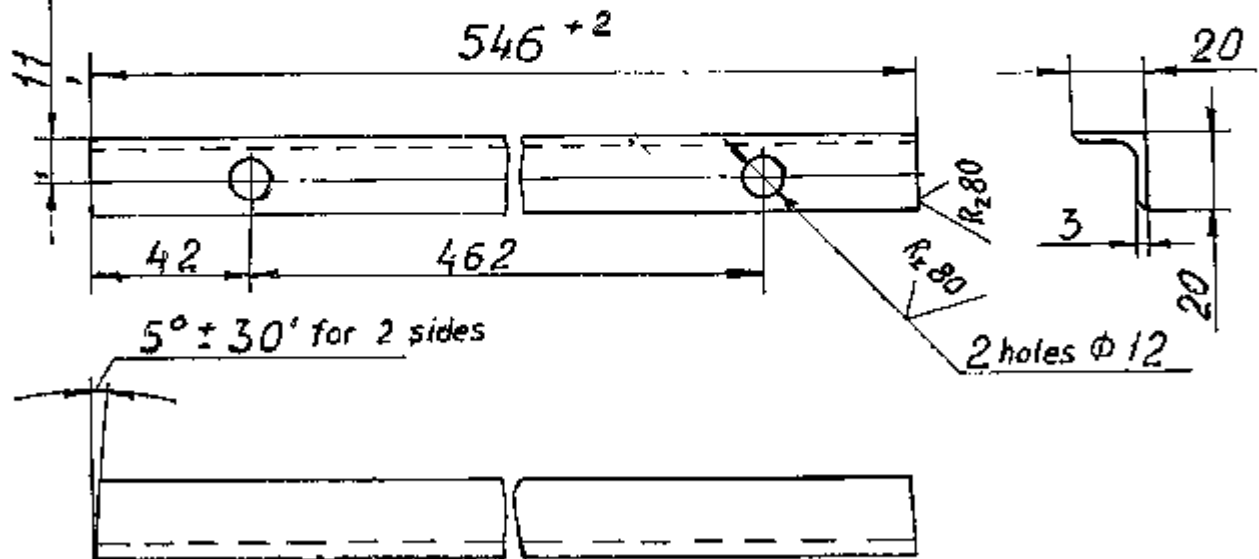
				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>a</i>	CHD <i>g</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>Am</i>	
					PASSED	
					SEALED	
ISSUE	70MT	BRIEF RECORD	APPD	CAT. NO		
SCALE 2:1		TITLE BOSS Round 22(5) GOST 7417-75 bar 20-B GOST 1051-73			DRG. NO. 765-89-313 SHEET 1 OF 1 AHSP-CQA(AVL), AVADI	
					ISSUE	

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

Sub of work / Назначение и наименование детали / Число и наименование детали / Число и наименование детали / Число и наименование детали

DRG-NO.
765-89-314

USED ON
765-89-Cb204 1 1

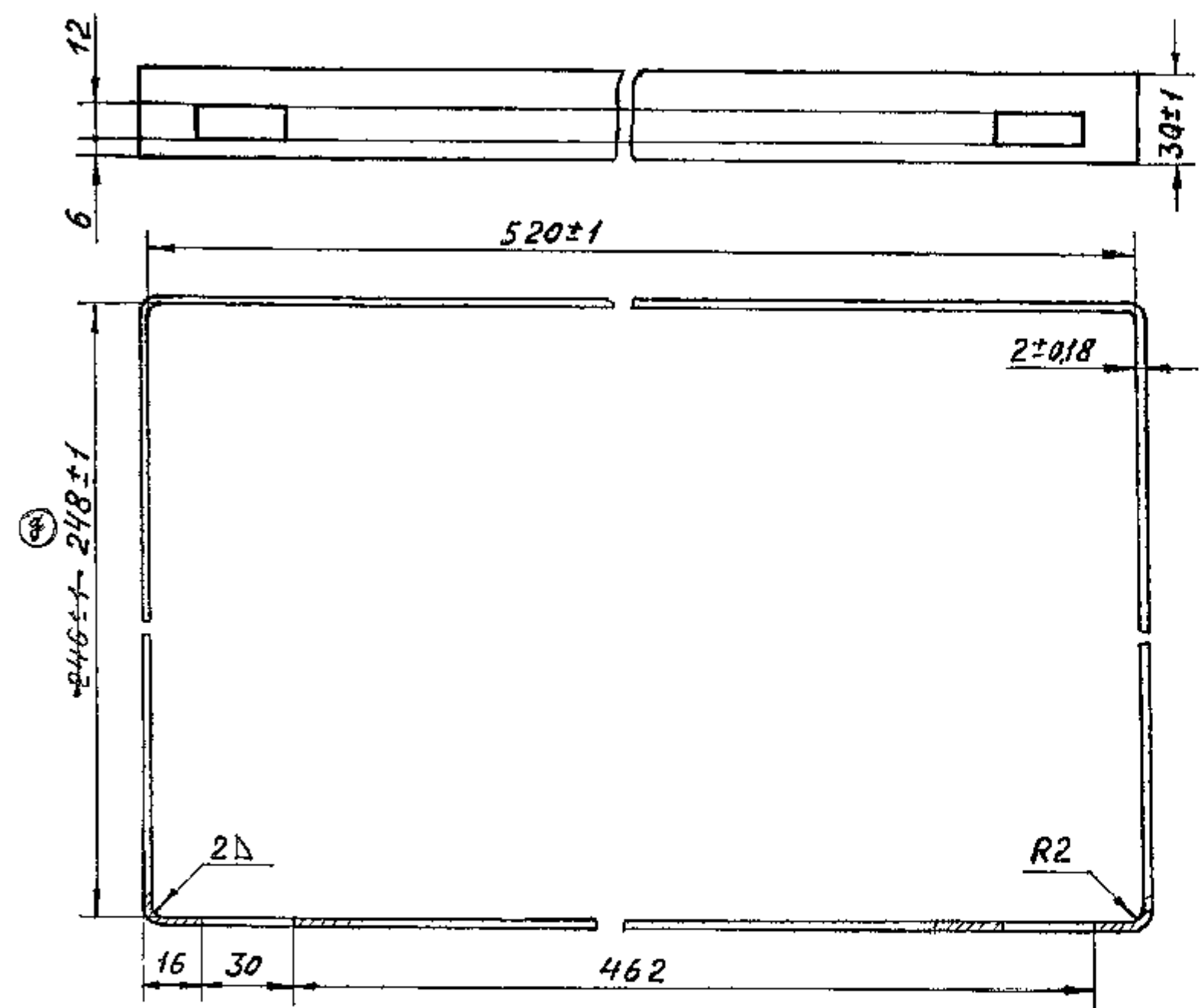


- 1) Alternate material is steel cm3, GOST 380-71.
- 2) Unspecified limit deviations of dimensions are ± 0.5 mm.

WEIGHT
0.43

ISSUE	ZONE	RTTF RECORD	APPD	DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>Q</i>	CHD <i>Q</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>Q</i>	
				PASSED		
				SEALED		
				CAT. NO		
SCALE 1:2		TITLE STRIP Angle, 5-20x20x3 GOST 8509-72 piece Steel 3cm GOST 535-79			DRG. NO. 765-89-314	
					SHEET 1 OF 1	
					AHSP-CQA(AVL), AVADI	

DRAWING NUMBER 60Z-68-59Z	USED ON 765-89-Cb215	Qty 1 2
-------------------------------------	--------------------------------	-------------------



- 1) Unspecified limit deviations of dimensions are $\pm 0,5\text{mm}$.
- 2) Cracks are not allowed at places of bending.
- 3) Warpage of walls of parts should not exceed 2 mm.
- 4) Alternate material is steel 08 kn, 08 nc
GOST 1050-74.
- 5) Part may be made from two sections by welding
with dressing of welds followed Electrode Э 50
GOST 9467-75.

WEIGHT
0.71

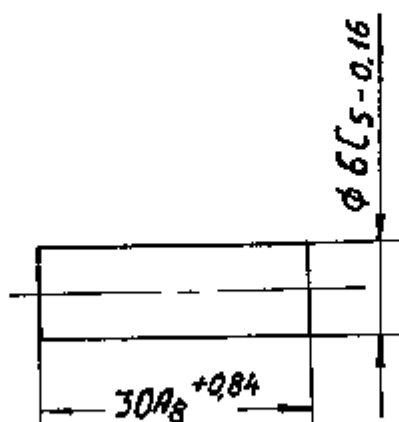
				DGN / R & D AUTHY	CONTRACTORS NAME					
				TOL TO JSS 50003	DRN <i>2</i>	CHD <i>2</i>				
				MATL	TCD	COMP				
					APPD <i>2</i>					
				FINISH	PASSED					
SEALED										
CAT NO										
ISSUE	ZONE	BRIEF RECORD	APPD							
SCALE 1:2		TITLE <i>BASKET FRAME</i> <i>STEEL 10</i> GOST 1050-74		DRG NO 765-89-209 SHEET 1 OF 1 AHSP COA(AVL) AVADI		ISSUE <table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>				

DRG. NO.

765-89-240

USED ON Qty
765-89-Cb215 1 2

2



1. Burrs are not allowed.
2. Alternate material is steel cm3cn GOST 380-71 and steel 10,15,25 GOST 1050-74 and steel 15Г and 20Г GOST 4543-71.
3. Rounding of butt-ends is allowed.

WEIGHT
0.004

				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>Q</i>	CHD <i>Q</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>Rm</i>	
					PASSED	
					SEALED	
					CAT. NO	
ISSUE	ZONE	BRIEF RECORD	APPD	DRG. NO.		ISSUE
SCALE 2:1		TITLE STOP		765-89-240		
		Steel 20 ГОСТ 1050-74		SHEET 1 OF 1		
				AHSP-CQA(AVL), AVADI		

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

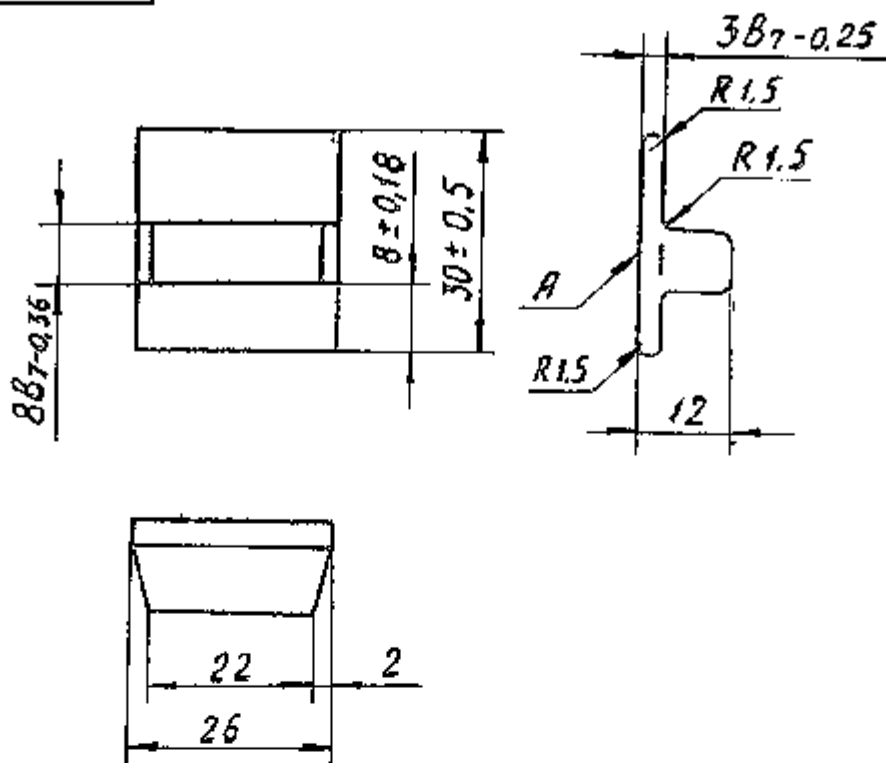
DRG INDIANISED BASED ON RUSSIAN ORIGINAL

DRG. NO.

765-89-242

USED ON
765-89-Cb215 2 4

▽ 3

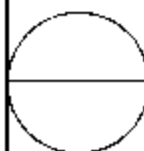


- 1 Unspecified radii should not exceed R2
- 2 Other requirements are as per OST3-4365-79
- 3 Perform dimensions without deviations as per accuracy class 8
- 4 Tool traces should not exceed 1mm on surface A
- 5 Alternate material is casting OST 3-4365-79,
307-GOST 977-75
and casting OST 3-4365-79,
407-GOST 977-75
- 6 Part may be made by machining the material, steel 20 GOST 1050-74, in this case, chamfer 1x45° may be made instead of radii

Material: Casting OST 3-4365-79
357 GOST 977-75

WEIGHT
0.025

				DGN/R&D AUTHY		CONTRACTOR'S NAME		
				TOL TO JSS 50003		DRN <i>e</i>	CHD <i>g</i>	
				MATL		TCD	COMP	
				FINISH		APPD: <i>g</i>		
						PASSED		
						SEALED		
						CAT. NO		
ISSUE	ZONE	BRIEF RECORD	APPD	DRG. NO.				ISSUE
SCALE 1:1		TITLE PLATE		765-89-242				
				SHEET 1 OF 1				
				AHSP-CQA(AVL), AVADI				

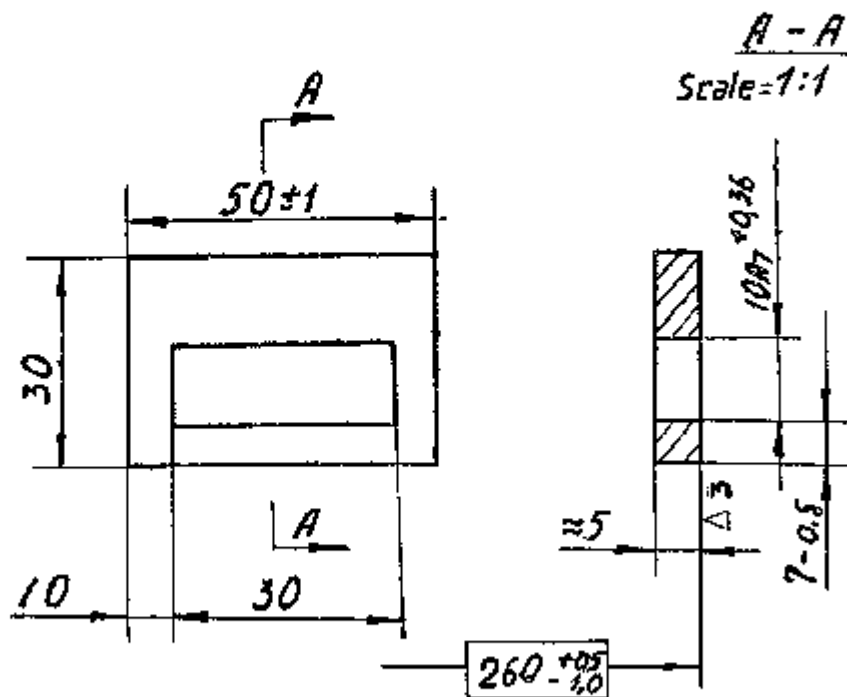


DRG. NO.

765-89-243

USED ON Qty
765-89-Cb215 2 2

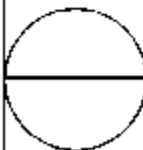
~ Unless otherwise specified



- 1) Burrs are not allowed.
- 2) Perform dimensions without deviations with an accuracy of ± 0.5 mm
- 3) Stamping draft and rounding of edges are allowed
- 4) Machine the part in assembly as per dimensions given in
- 5) Alternate material is steel 10 GOST 1050-74

WEIGHT
0.018

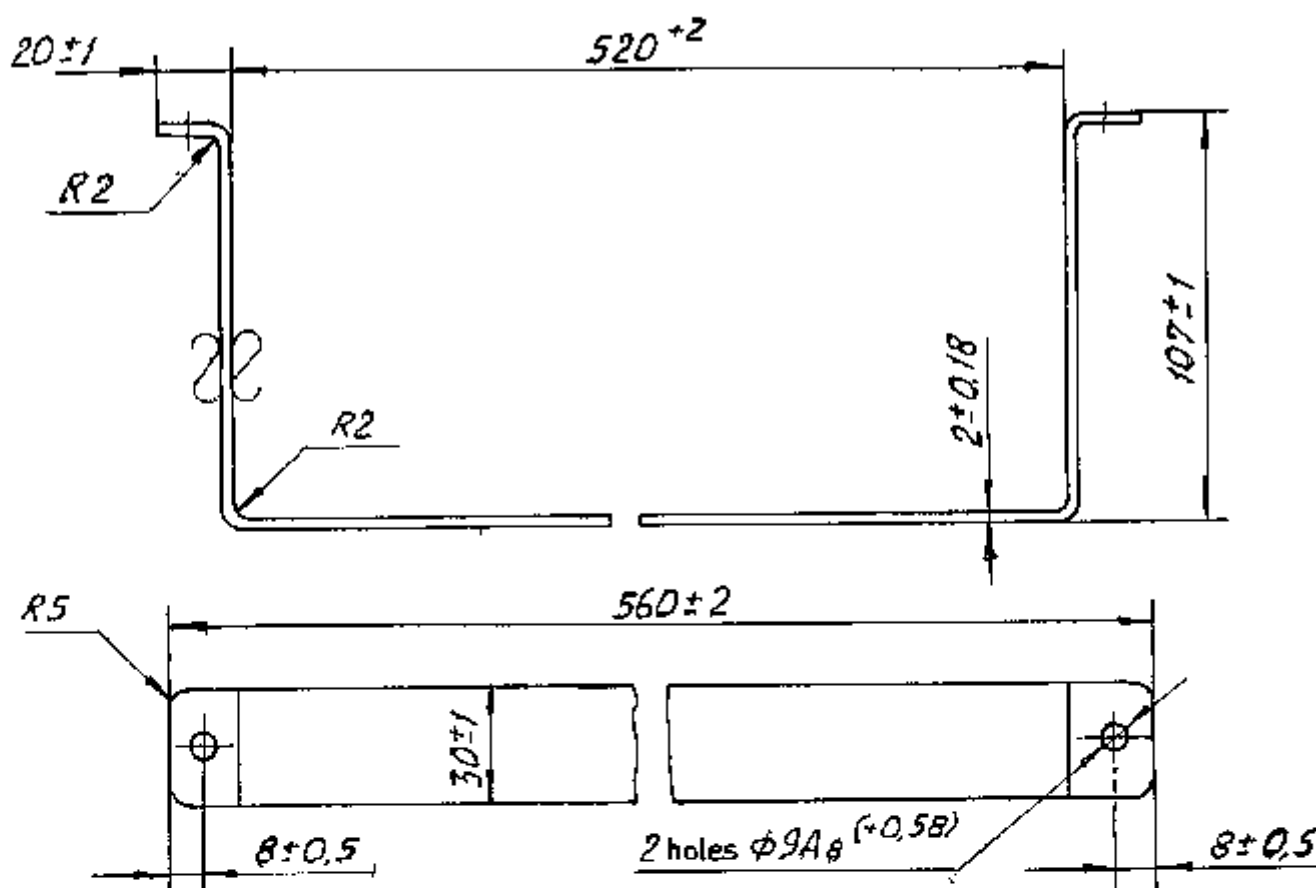
				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>a</i>	CHD <i>g</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>h.m.</i>	
ISSUE	ZONE	BRIEF RECORD	APPD		PASSED	
SCALE 1:1	TITLE STRIP			SCALED		
STEEL 20 GOST 1050-74				CAT. NO		
				DRG. NO. 765 - 89 - 243	ISSUE	
				SHEET 1 OF 1		
				AHSP-CQA(AVL), AVADI		



DRG. NO.

765-89-244

(A)



1. Alternate material is steel 08kn, 08nc and steel 10 GOST 1050-74.
2. Warpage of part walls should not exceed 2mm.
3. SUITABLE HOLES (6) TO BE DRILLED AS PER LOCATIONS SHOWN IN DRG.No.765-89-CB215cB-IND FOR SCREWS WOOD No.8 FOR FIXING THE BEADINGS.

(A) GOST

Material: Made from steel 10, GOST 1050-74

Point no.3

WEIGHT

0.36

REF	AUTHORITY	DATE	SIG
(A)	CQAP LETTER No. 247156/CQAP, D.I.R-492	6-12-93	

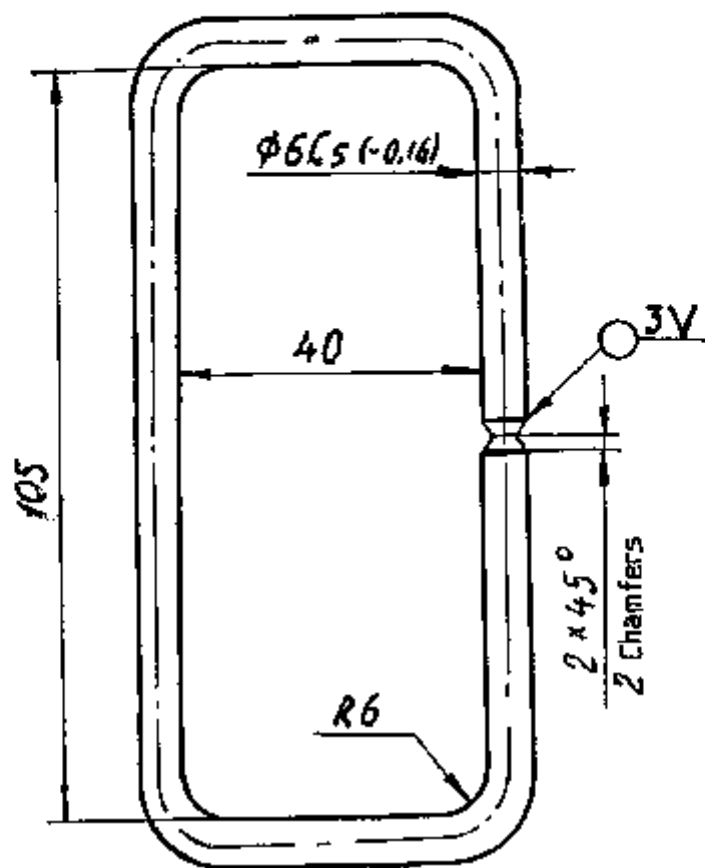
DGN/R&D AUTHY		CONTRACTOR'S NAME	
		DRN	CHD
		TCD	COMP
		APPD:	
TOL TO JSS 50003		PASSED	
		SEALED	
		CAT. NO	
MATERIAL		DRG. NO.	
FINISH		765-89-244	
ISSUE		SHEET 1 OF 1	
ZONE		AHSP-CQA(AVL), AVADI	
SCALE 1:2		TITLE	
		BASKET CLAMP	

DRG. NO.

765-89-293

USED ON
765-89-Cb215 2 4

2



1. Unspecified limit deviations of dimensions are $\pm 1.5\text{mm}$.
2. Dimensional change of diameter is allowed at bending places

WEIGHT
0.046

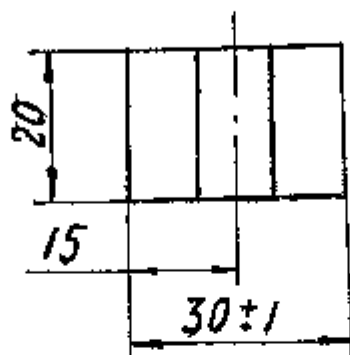
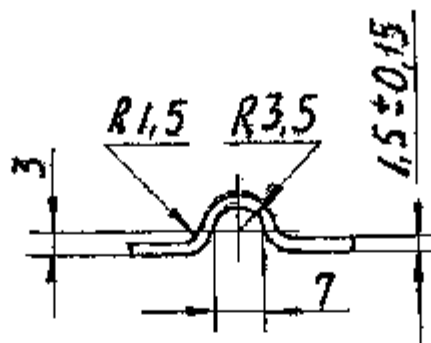
				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO ISS 50003	DRN <i>Q</i>	CHD <i>[Signature]</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>R.M.</i>	
ISSUE	ZONE	BRIEF RECORD	APPD		PASSED	
SCALE 1:1		TITLE HANDLE			SEALED	
		GOST Steel 20 ГОСТ 1050-74			CAT. NO	
				DRG. NO. 765-89-293	ISSUE	
				SHEET 1 OF 1		
				AHSP-CQA(AVL), AVADI		

DRG. NO.

765-89-294

USED ON

765-89-Cb215 4 8



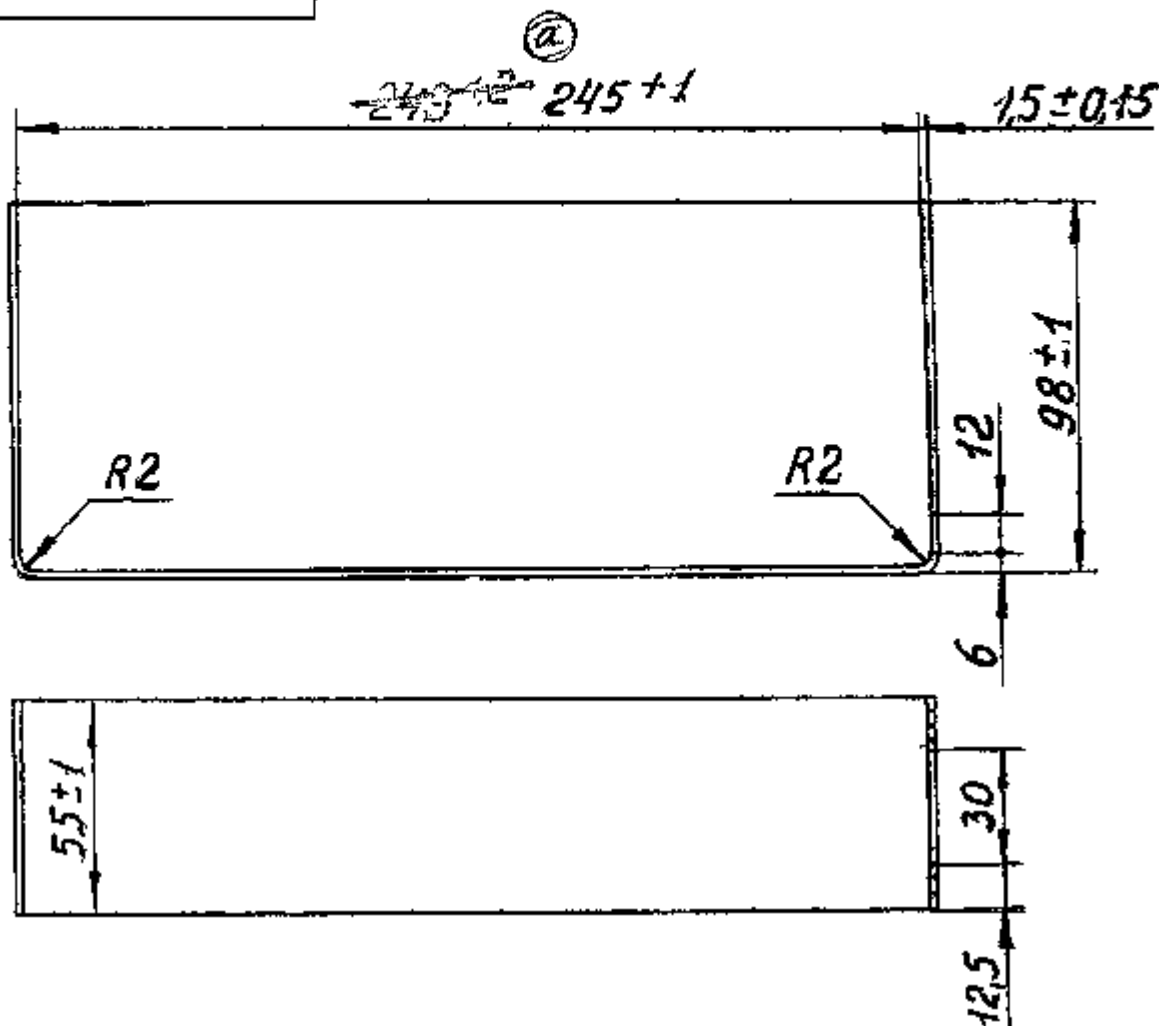
1. Alternate material is steel 08kn, 08nc and steel 10 GOST 1050-74.
2. Unspecified limit deviations of dimensions are $\pm 0,5\text{mm}$.

				DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>Q</i>	CHD <i>Q</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>Q</i>	
ISSUE	ZONE	RTTF RECORD	APPD		PASSED	
SCALE	TITLE				SEALED	
	HINGE				CAT. NO	
	Steel 10kn				DRG. NO.	ISSUE
	ГОСТ 1050-74				765-89-294	
					SHEET 1 OF 1	
					AHSP-CQA(AVL), AVADI	

DRG. NO.
765-89-295

USED ON
765-89-Cb215 3 6

2



1. Alternat material is steel 08kn, 08nc, steel 10 GOST 1050-74
2. Distortion of walls of part should not exceed 1,5mm.
3. Unspecified limit deviations of dimensions are $\pm 0,5\text{mm}$

WEIGHT

0.029

ISSUE	ZONE	BRIEF RECORD	APPD	DGN/R&D AUTHY	CONTRACTOR'S NAME	
				TOL TO JSS 50003	DRN <i>a</i>	CHD <i>CHD</i>
				MATL	TCD	COMP
				FINISH	APPD: <i>APPD</i>	
				PASSED		
				SEALED		
				CAT. NO		
SCALE 1:2		TITLE POST		DRG. NO. 765-89-295		ISSUE
		Steel 10kn GOST 1050-74		SHEET 1 OF 1		
				AHSP-CQA(AVL), AVADI		

DRG INDIANISED BASED ON RUSSIAN ORIGINAL

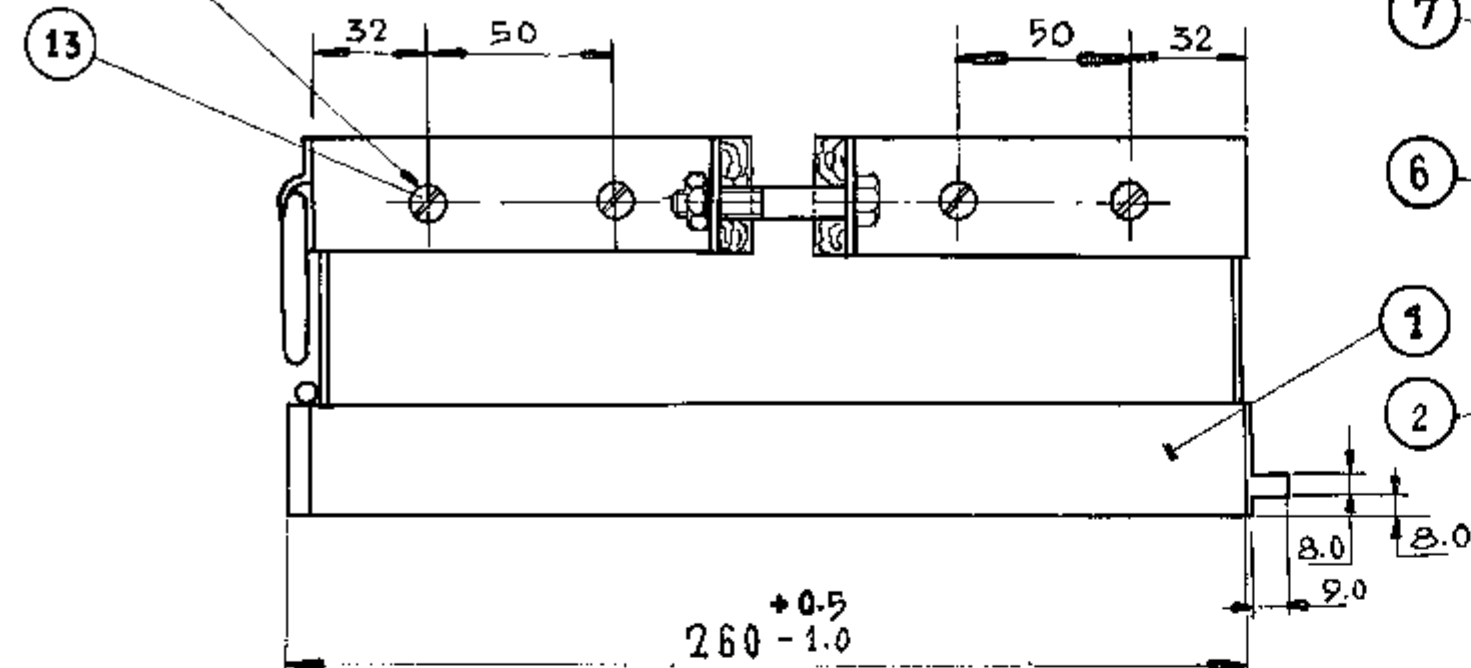
DRG INDIANISED BASED ON RUSSIAN ORIGINAL

REF (A) AUTHORITY : CQAP LETTER No. 247156/CQAP, Dt. 16-4-92 DATE : 16-12-93 SIG : [Signature]

		DESIGNATION	DESCRIPTION	QTY	REMARKS
			<u>Technical papers</u>		
		765-89-c6215c5 OR 765-89-C6215C6-IND	Assembly Drawing		
			BASKET (CRADLE) FOR INDIGENOUS STORAGE BATTERY 12V/140 AH		APPLICABLE IN CASE OF INDIGEN- OUS STORAGE BATTERY.
			<u>Parts</u>	120	(A)
12	1	765-89-209	Basket Frame	1	
11	2	765-89-240	Stop	1	
11	3	765-89-242	Plate	2	
11	4	765-89-243	Strap	2	
11	5	765-89-244	Basket clamp	2	
11	6	765-89-293	Handle	2	
11	7	765-89-294	Hinge	4	
11	8	765-89-295	Post	3	
	9(a)	REF.DRG.No.765-89-C6215c5-IND	BEADING, TEAK WOOD, 49.4 X 30 X 18	2	(A)
	9(b)	— DO —	BEADING, TEAK WOOD, 115 X 30 X 13	4	(A)

DGN/R&D AUTHY		CONTRACTOR'S NAME	
TOL TO JSS 50003		DRN <i>Q</i>	CHD <i>[Signature]</i>
MATL		TCD	COMP
FINISH		APPD: <i>[Signature]</i>	
ISSUE		PASSED	
70NF		SEALED	
BRIEF RECORD		CAT. NO	
APPD		DRG. NO.	
SCALE		765-89-c6215	
TITLE		SHEET 1 OF 2	
STORAGE BATTERIES BASKET		AHSP-CQA(AVL), AVADI	
		ISSUE	

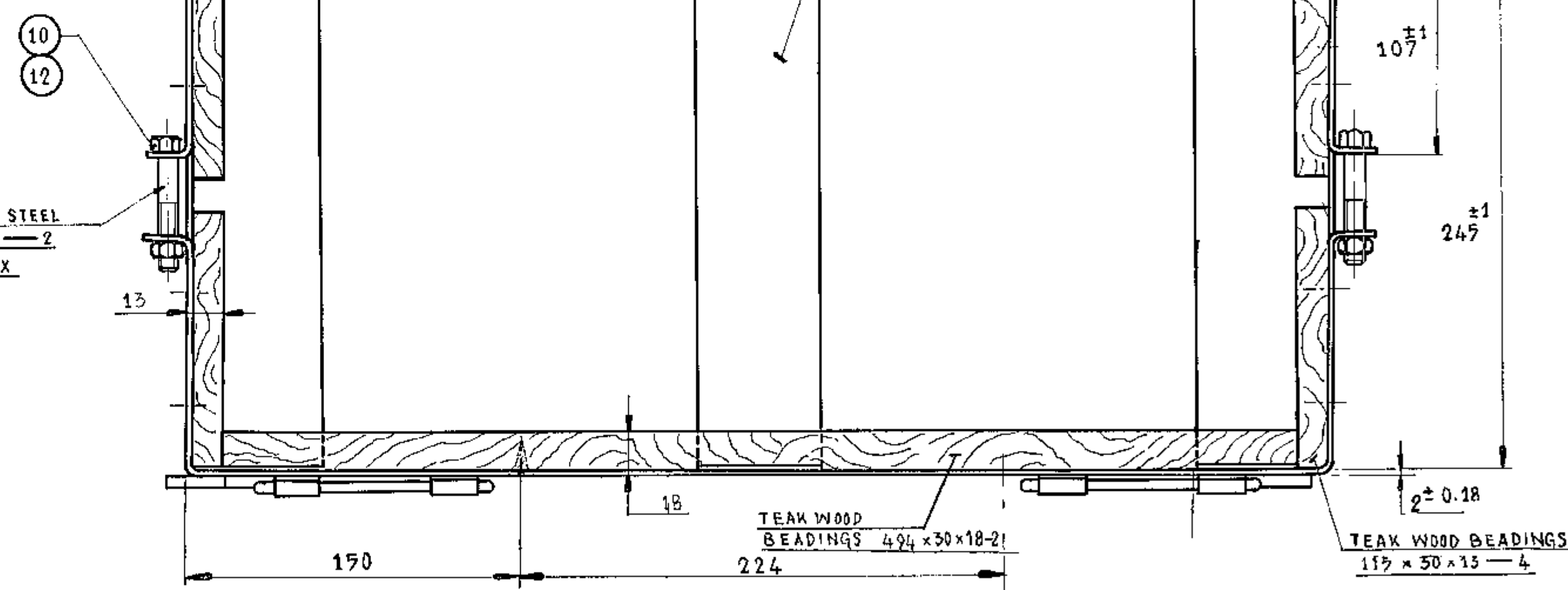
SCREWS WOOD, SLOTTED C'SK HD STEEL
No. 8 x 12 mm LONG — 12



NOTE

- 1) COAT WITH BLACK ACID RESISTING VARNISH
- 2) UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE 10.5 mm
- 3) PROJECTION OF EDGES OF PARTS REF. NO. 1, 8 IN OPENING OF PART REF. NO. 4 ALONG SIDE EDGES SHOULD NOT EXCEED 0.5 mm PROJECTION ALONG UPPER AND LOWER EDGES IS NOT ALLOWED
- 4) HANDLE REF. NO. 6 SHOULD MOVE FREELY WITHOUT JAMMING IN HINGES REF. NO. 7
- 5) IN CASE OF ANY DIFFICULTY ENCOUNTERED IN HOUSING THE BATTERY SECONDARY LEAD ACID 12V 140Ah 1A (LV6/MT4/6140-000095) IN THE TRAY, SUITABLE ALTERATION IN THE THICKNESS OF THE BEEDINGS USED AROUND, IS PERMISSIBLE

HEX BOLT STEEL
M8 x 55 L — 2
NUT HEX



DGN / R & D AUTHY		CONTRACTORS NAME	
TOI TO JSS 50003		DRN <i>a</i>	CHD <i>a</i>
MATL :		TCD :	COMP
FINISH :		APPD : <i>a</i>	
ISSUE		PASSED :	
ZONE		SEALED :	
BRIEF RECORD		CAT. NO. :	
APPD		DRG. NO. :	
SCALE		765-89-Cb-215Cb-IND	
1:2		SHEET OF	
TITLE :		AHSP CQA(AVL), AVADI	
BASKET (CRADLE) FOR INDIGE- HOUS STORAGE BATTERY 140Ah/12V			

DRG. NO.
6795-89-6255

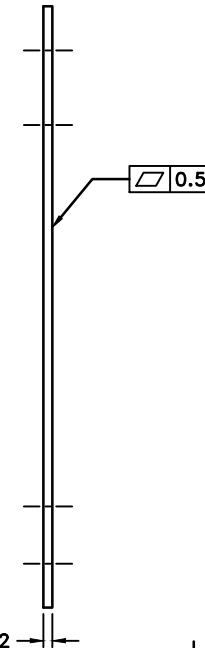
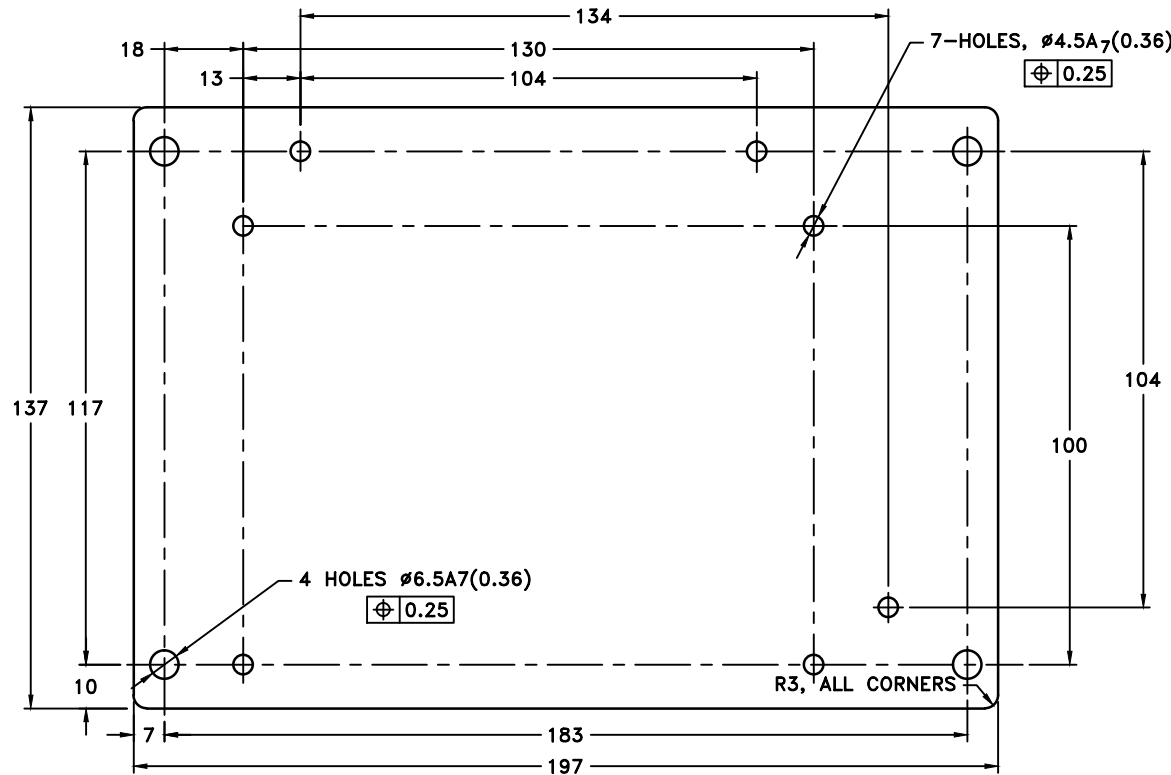
2

1

		UP TO 10		OVER TO 50		OVER 50 TO 120		OVER 120		CLASS OF DEVIATION		LINEAR DIMS							
ANGLE		DEGREE	mm per 100mm	DEGREE	mm per 100mm	DEGREE	mm per 100mm	DEGREE	mm per 100mm	FINE		0.5-03	03-06	06-30	30-120	120-315	315-1000	1000-2000	
FINE & MEDIUM		±1°	±1.8	±30'	±0.9	±20'	±0.6	±10'	±0.3	MEDIUM		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	
COARSE		±1°30'	±2.6	±50'	±1.5	±25'	±0.7	±15'	±0.4	COARSE		-	±0.2	±0.5	±0.8	±1.2	±2	±3	
EXTRA COARSE		±3°	±5.2	±2'	±3.5	±1°	±1.8	±30'	±0.9	EXTRA COARSE		-	±0.5	±1	±1.5	±2	±3	±4	

✓
**

CLASS OF DEVIATION	RADI-CHAMF				
	0.5-03	03-06	06-30	30-120	120-315
FINE & MEDIUM	±0.2	±0.5	±1	±2	±4
COARSE & EX-COARSE	±0.2	±1	±2	±4	±8



TECHNICAL CONDITIONS:-

1. TO BE SURFACE HARDENED TO 40 ± 2 HRC WITH A DEPTH OF 0.2 mm
2. SURFACE COATING : GALVANIZED.
3. ** UNSPECIFIED LIMIT DEVIATIONS OF SIZES ARE AS PER IS:2102-1982
4. * DIMENSIONS GIVEN FOR REFERENCE ONLY.

ROUGHNESS SYMBOL	ROUGHNESS VALUE	50-25	25-6.3	6.3-0.8	0.8-0.1	< 0.1	ISSUE	AMENDMENTS
MATL STEEL TO IS 513- Gr-0							Est. wt	0.424 kg
DRN	N.R.B.						DIMENSIONS IN mm.	
CHD	S.P.						DRG. NOT TO BE SCALED	
PASSED	N.K.						REMOVE ALL BURRS	
APPROVED	R.P.						SCALE 1:1	
DATE 11.06.13							6795-89-Cb6251	
TITLE							DRG. NO.	
BASE PLATE (FOR DMR/COMPLEX DEVICE)							6795-89-6255	
COMBAT VEHICLES RESEARCH AND DEVELOPMENT ESTABLISHMENT							SHEET OF	

BASED ON DRG. No.

A3

2

1

FILE NAME: 6795-89-6255_A3/1

		2		1							
REF No.	DESIGNATION	DESCRIPTION	DS CAT NUMBER	I.S EQUIVALENT	QTY	REMARKS	USED ON 6795-Cb5000				
	6795-89-Cb6250Cb	LIST OF DOCUMENTS ASSEMBLY DRAWING									
	765-89-3TT	SPECIFICATIONS FOR CHECKING									
		OF STORAGE BATTERY									
		CHARGING SYSTEM FOR									
		PROPER OPERATION AFTER									
		INSTALLATION OF STORAGE									
		BATTERY IN THE ARTICLE									
		ASSEMBLY UNITS									
1	765-89-Cb204	STORAGE BATTERY FRAME			1						
2	765-89-Cb216	STORAGE BATTERY			2						
3	765-89-Cb147	COVER			1						
4	6795-89-Cb6251	ASSEMBLY BASE PLATE			1						
		(FOR DMR/COMPLEX DEVICE)									
5	6795-89-Cb6252	ASSEMBLY BATTERY BOX			1	SUPPLY BY BEL					
						BENGALURU					
		PARTS									
6	765-89-184	BASE			1						
7	765-89-251	LOCK			2						
8	765-89-291	BUSHING			4						
		STANDARD ITEMS									
10		BOLT M10x35.46.019			2						
		GOST 7796-70									
		2		1		FILE NAME: 6795-89-Cb6250_JL-1/1					

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OLD REF. 675-89-Cb2

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DC[] No.&DATE		ISSUE		NATURE	
AMMENDMENTS					
DRN	CHD	PSD	APD	DATE	
<i>11.06.13</i>	<i>11.06.13</i>	<i>11.06.13</i>	<i>11.06.13</i>	11.06.13	
DRG.No.			DS CAT No.		
6795-89-Cb6250					
POWER SUPPLY SYSTEM				SHT	SHTS
				1	4
COMBAT VEHICLES RESEARCH AND DEVELOPMENT ESTABLISHMENT					

		2			1					
REF No.	DESIGNATION	DESCRIPTION	DS CAT NUMBER	I.S EQUIVALENT	QTY	REMARKS	USED ON 6795-Cb5000			
	6795-89-Cb6250Cb	ASSEMBLY DRAWING								
20		WASHER		C-30 TO IS:1570-79	6					
		6x1.01-019(OR)6x1.02-019								
		GOST 11371-78								
21		WASHER		C-30 TO IS:1570-79	4					
		8.01.019(OR)8.02.019								
		GOST 11371-78								
22		WASHER		C-30 TO IS:1570-79	2					
		10.01.019 (OR)10.02.019								
		GOST 11371-78								
23		WASHER 4S65D05			7					
		GOST 6402-70								
24		WASHER 6S65D06			6					
		GOST 6402-70								
25		WASHER 8S65D06			4					
		GOST 6402-70								
26		WASHER 100S65D06			2					
		GOST 6402-70								
OLD REF. 675-89-Cb2 DRN CHD PSD APD DATE DRG.No. DS CAT No. POWER SUPPLY SYSTEM SHT SHTS COMBAT VEHICLES RESEARCH AND DEVELOPMENT ESTABLISHMENT							DC[I] No.&DATE		ISSUE	NATURE
							AMMENDMENTS			
							11.06.13 11.06.13			
							6795-89-Cb6250			
							3 4			

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FILE NAME: 6795-89-Cb6250_IL-3/1

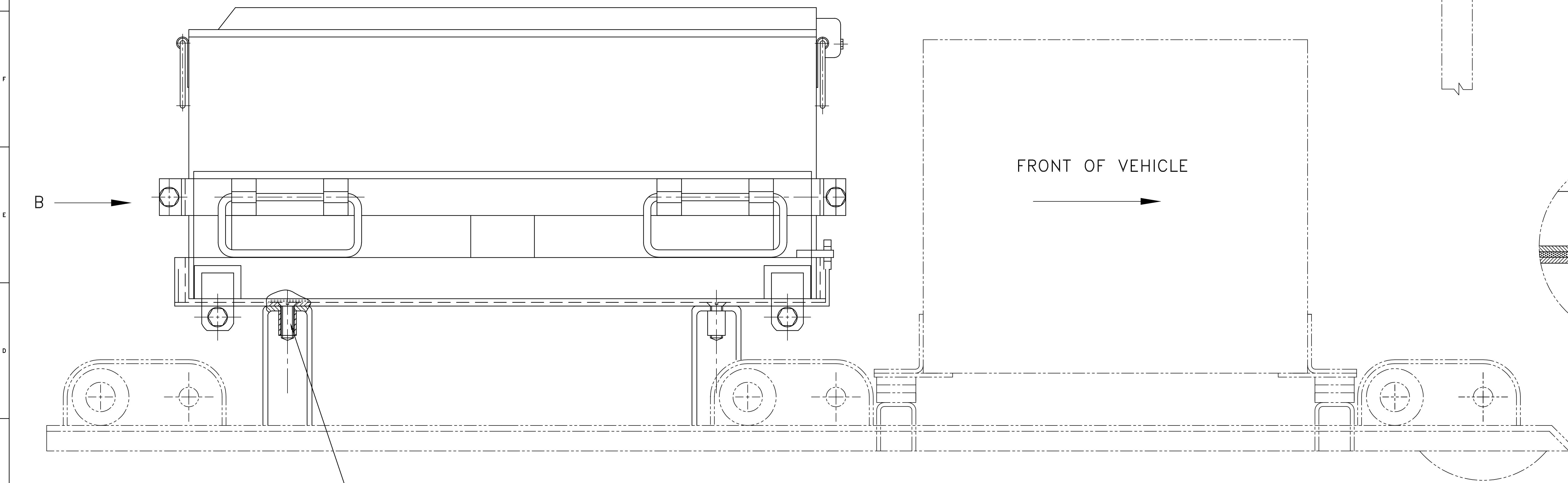
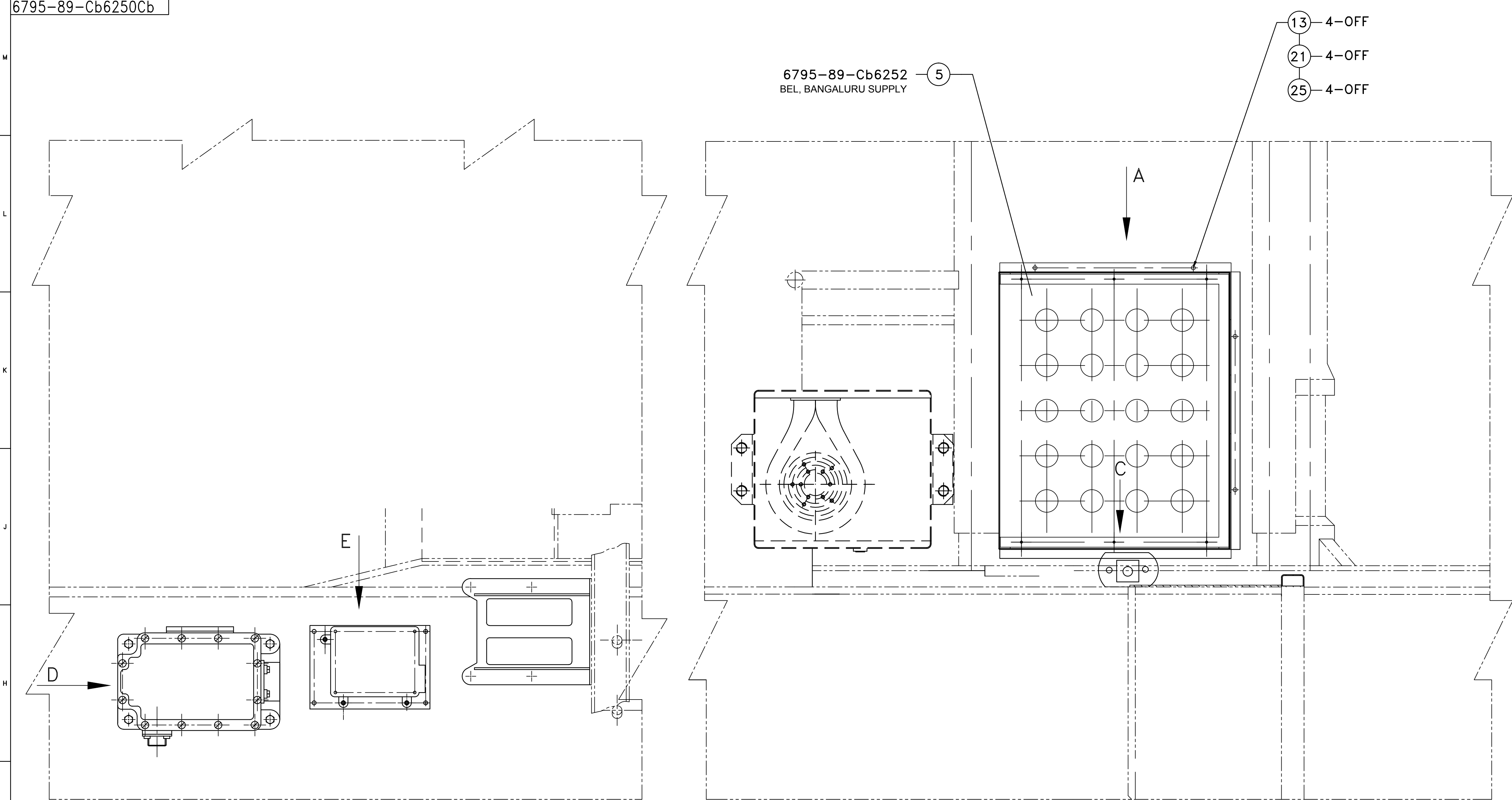
		2		1								
REF No.	DESIGNATION	DESCRIPTION	DS CAT NUMBER	I.S EQUIVALENT	QTY	REMARKS	USED ON 6795-Cb5000					
	6795-89-Cb6250Cb	ASSEMBLY DRAWING										
		MISCELLANEOUS ITEMS										
30		VOLTAGE REGULATOR			1	COMMERCIAL						
		QN-10										
		QN.10.000 ST1										
31		COMPLEX DEVICE			1	COMMERCIAL						
		EMQ-400S										
		015.167TY										
32		SMALL SIZE CONTACTOR			1	COMMERCIAL						
		KM-600E-C										
		TECHNICAL SPECIFICATIONS										
		FOR CONTACTOR KM-600E-C										
		(WITHOUT NUMBER)										
OLD REF. 675-89-Cb2							DC[] No.&DATE		ISSUE	NATURE		
							AMMENDMENTS					
							DRN	CHD	PSD	APD	DATE	
							<i>N.R.B.</i>	<i>S.S.</i>	<i>N.K.</i>	<i>S.S.</i>	11.06.13	
							DRG.No.			DS CAT No.		
							6795-89-Cb6250					
							POWER SUPPLY SYSTEM				SHT	SHTS
											4	4
							COMBAT VEHICLES RESEARCH AND DEVELOPMENT ESTABLISHMENT					

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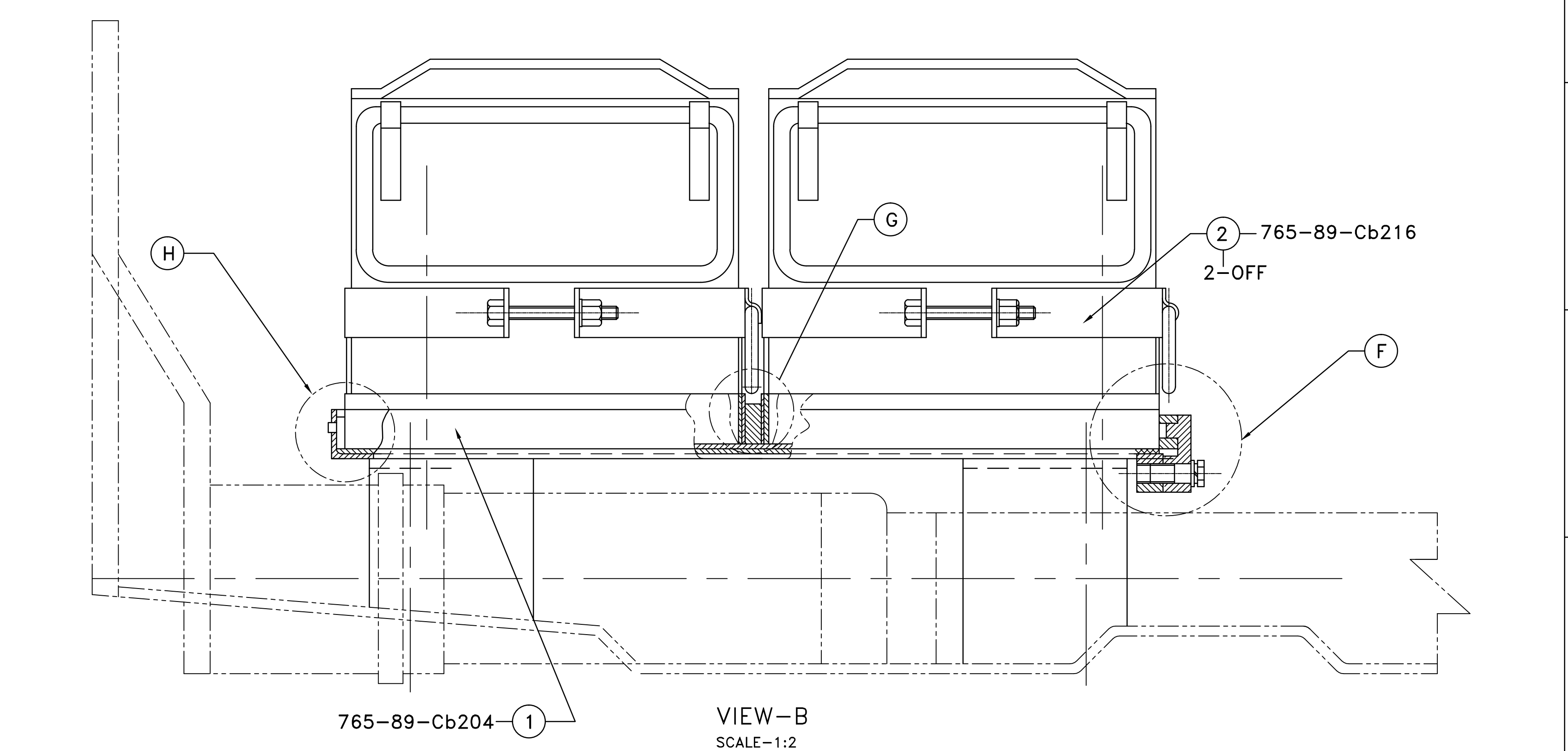
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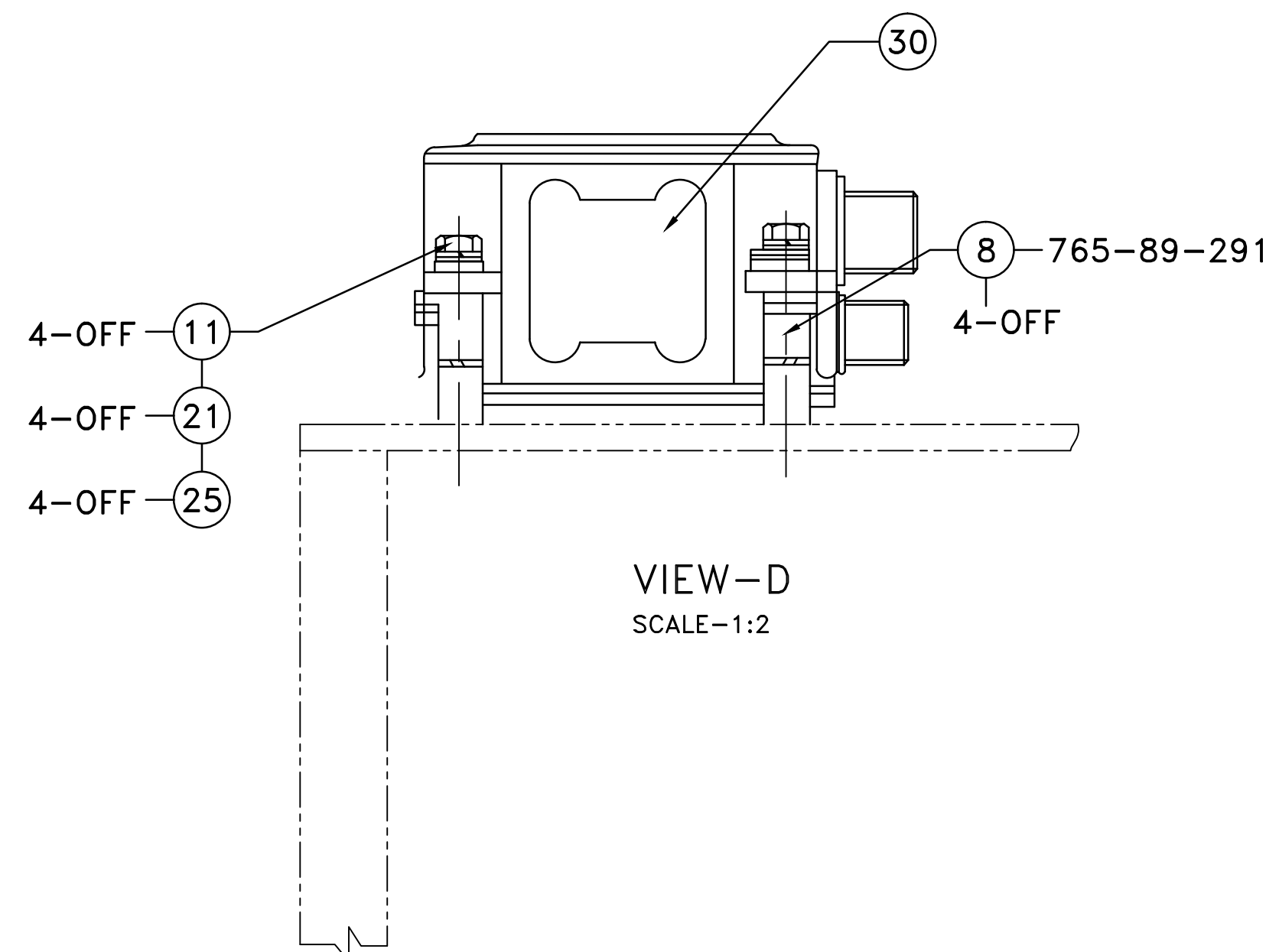
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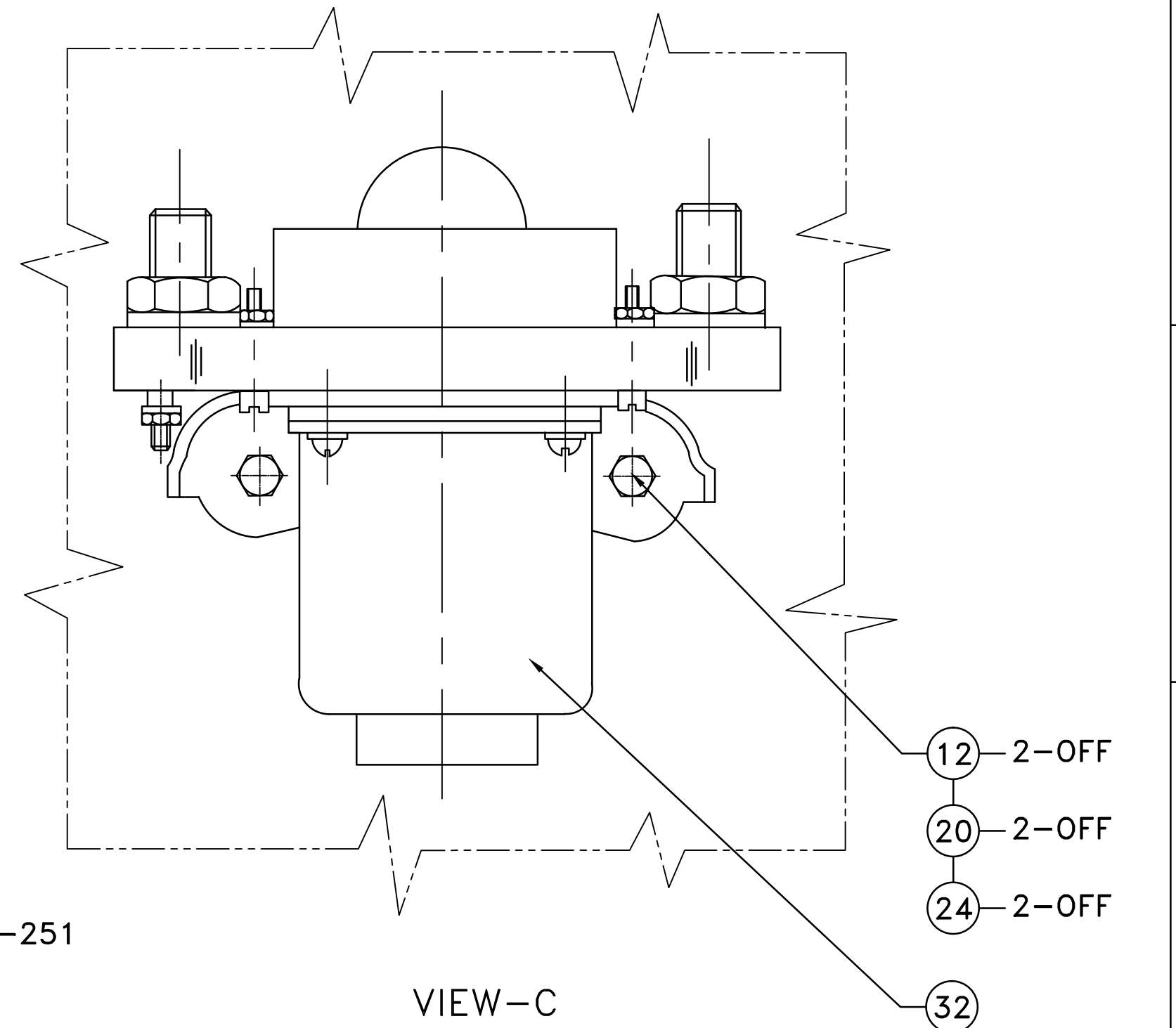
VIEW-A
(VIEW ROTATED)
(VIEW SHOWING WITHOUT BATTERY BOX)



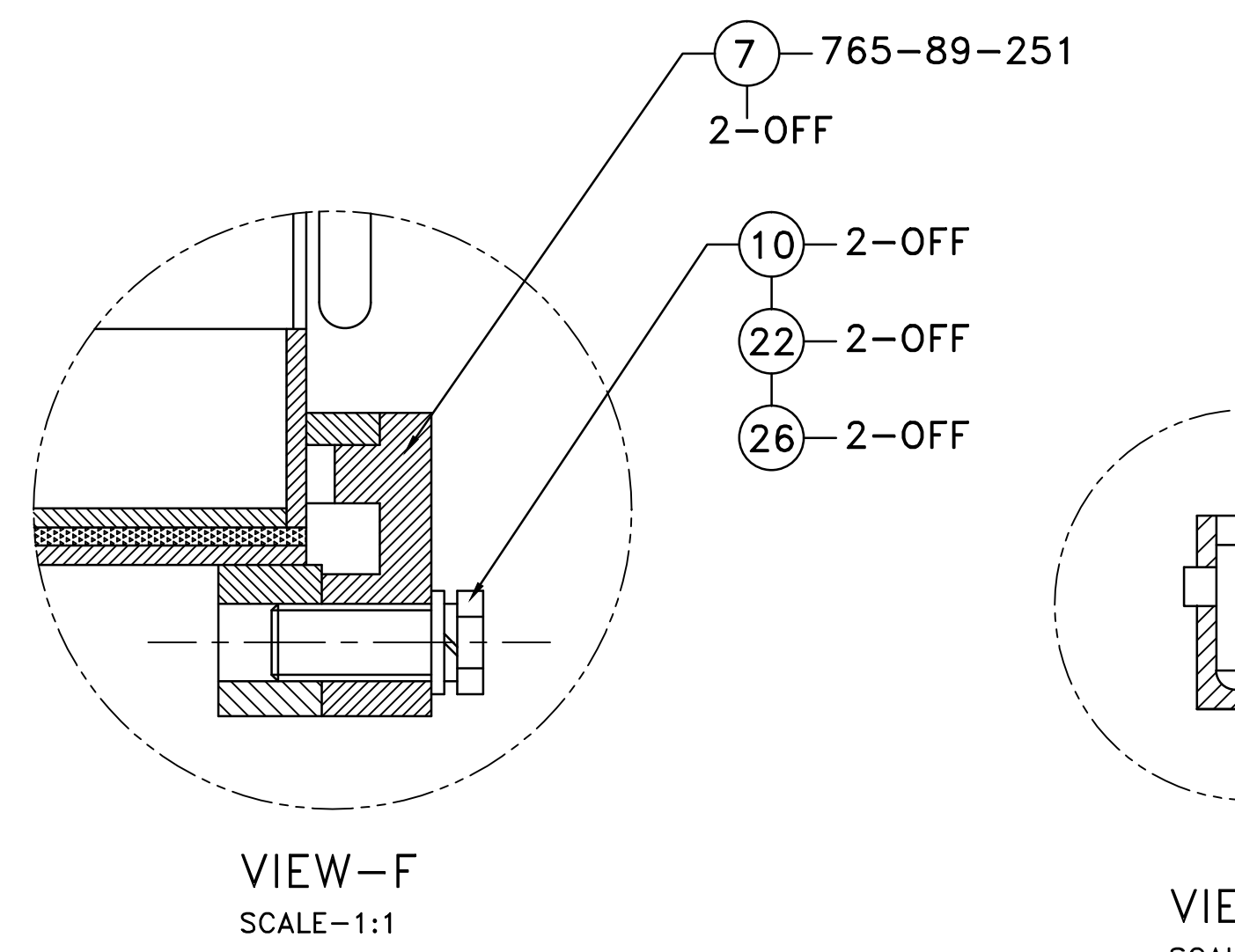
VIEW-E
SCALE-1:2



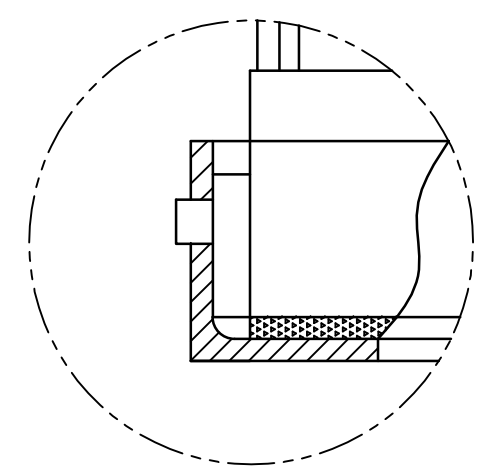
VIEW-D
SCALE-1:2



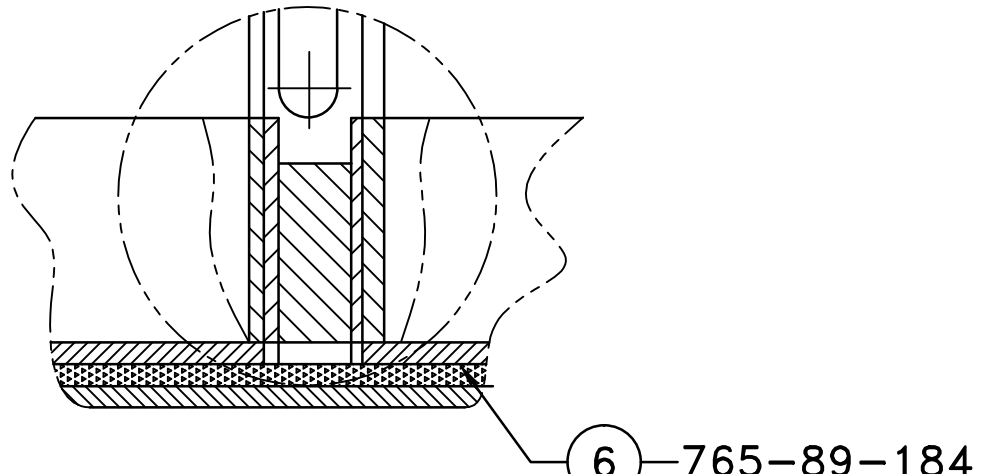
VIEW-C
SCALE-1:1



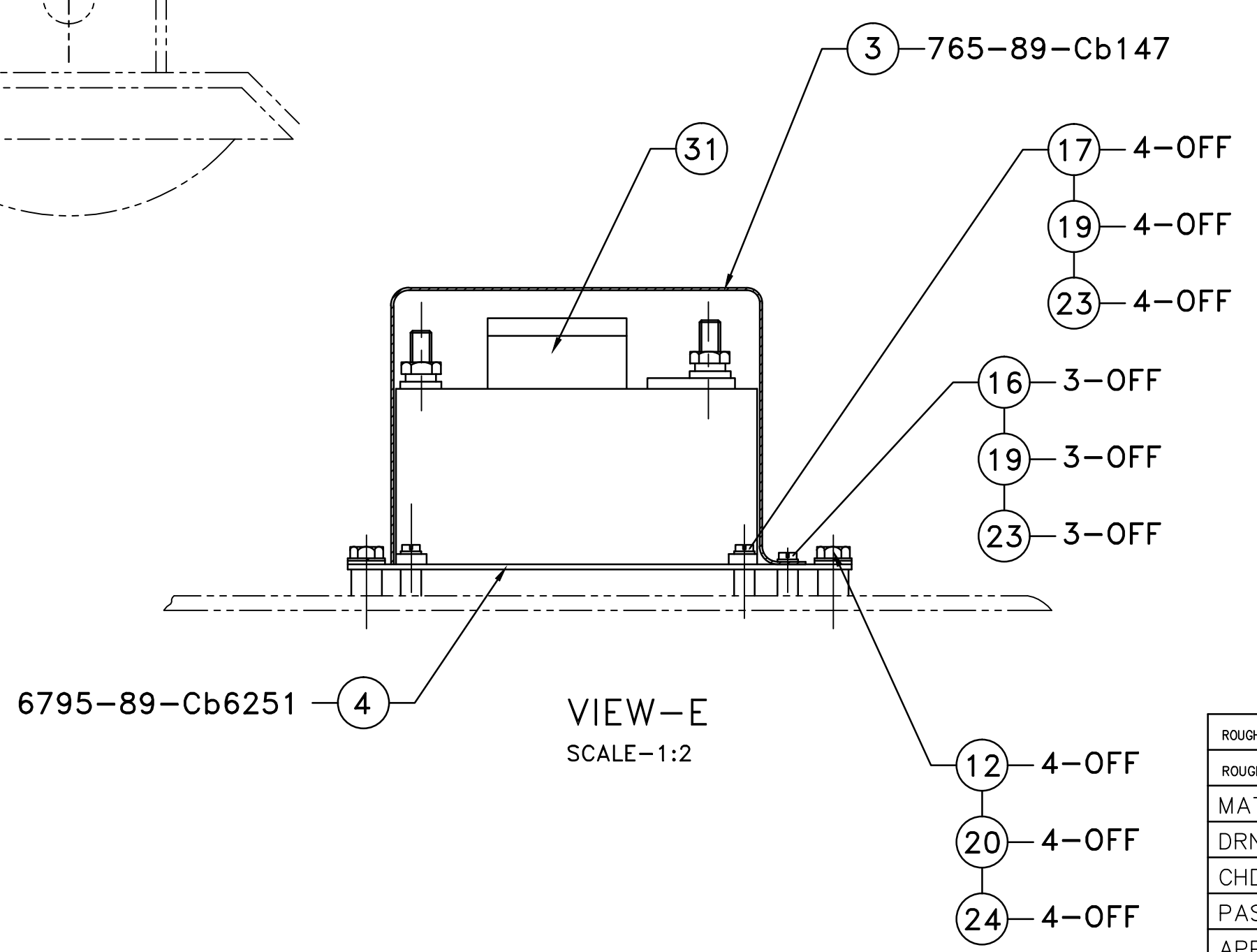
VIEW-F
SCALE-1:1



VIEW-H
SCALE-1:1



VIEW-G
SCALE-1:1



VIEW-E
SCALE-1:2

- TECHNICAL CONDITIONS:-
1. CHECK THE STORAGE BATTERY SYSTEM ACCORDING TO SPECIFICATIONS 765-89-3TT
 2. CLEAN THE POINTS OF WIRE GROUNDING TO BRIGHT METAL.

ROUNDSNESS SYMBOL					
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[illegible]

DRG. NO.
6795-89-Cb6251Cb

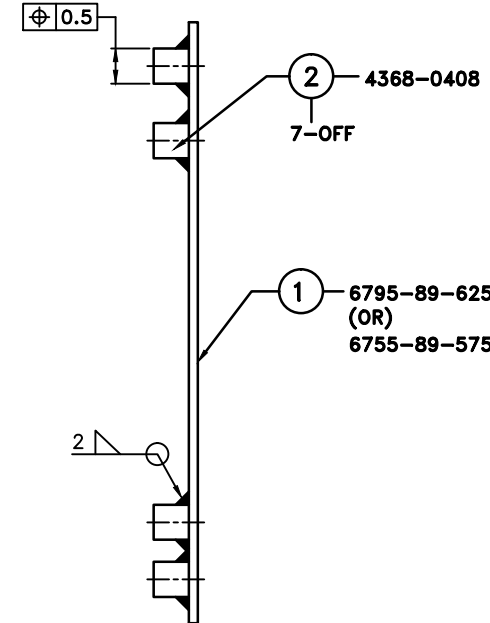
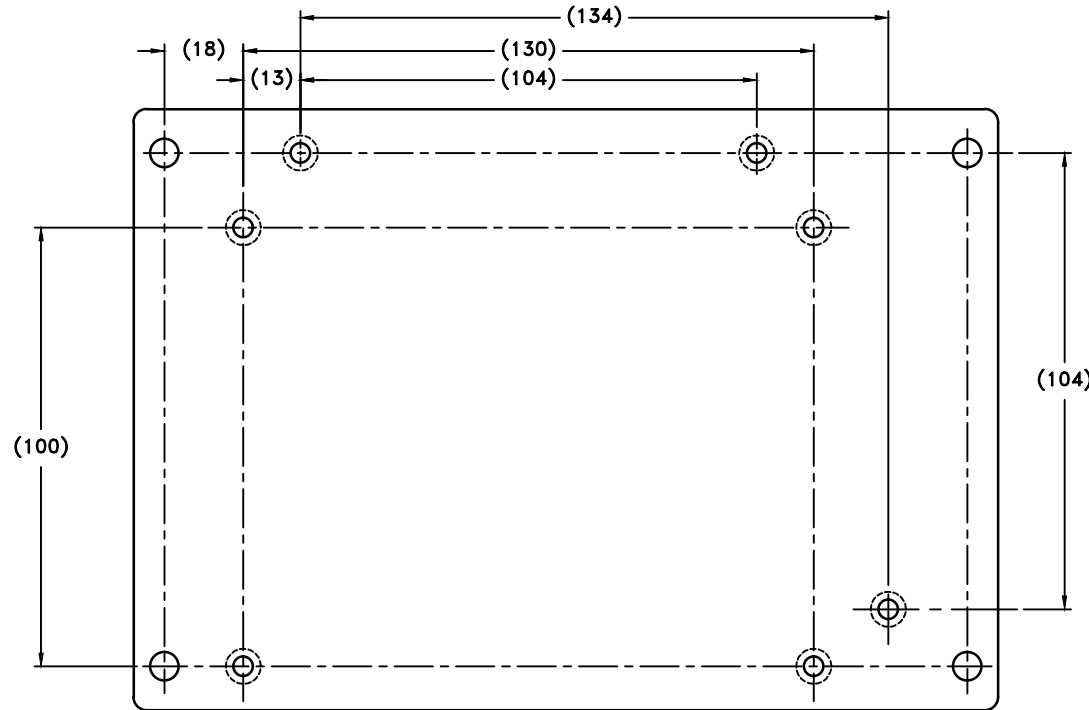
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CLASS OF DEVIATION	ANGLE	UP TO 10		OVER TO 50		OVER 50 TO 120		OVER 120		LINEAR DIMS							
		DEGREE	mm per 100mm	DEGREE	mm per 100mm	DEGREE	mm per 100mm	DEGREE	mm per 100mm	CLASS OF DEVIATION	0.5-03	03-06	06-30	30-120	120-315	315-1000	1000-2000
FINE & MEDIUM	±1°	±1.8	±30'	±0.9	±20'	±0.6	±10'	±0.3	FINE	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	
COARSE	±1°30'	±2.6	±50'	±1.5	±25'	±0.7	±15'	±0.4	MEDIUM	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	
EXTRA COARSE	±3°	±5.2	±2'	±3.5	±1°	±1.8	±30'	±0.9	COARSE	-	±0.2	±0.5	±0.8	±1.2	±2	±3	
									EXTRA COARSE	-	±0.5	±1	±1.5	±2	±3	±4	

✓
**

CLASS OF DEVIATION	RADI-CHAMF	RADI-CHAMF				
		0.5-03	03-06	06-30	30-120	120-315
FINE & MEDIUM		±0.2	±0.5	±1	±2	±4
COARSE & EX-COARSE		±0.2	±1	±2	±4	±8



TECHNICAL CONDITIONS:-

1. WELDING CONFORM TO IS:816
2. ELECTRODES CONFORM TO IS:814
3. CLEAN THE WELD BEADS AFTER WELDING COMPLETION
4. DIMENSIONS GIVEN IN PARENTHESES ARE FOR REFERENCE
5. APPLY PRIMER UL-03K, GOST 9109-81 (OR) IS:1874-88 EXCEPT ON THREADED PORTION
6. APPLY ENAMEL PU-223, GOST 14923-78, WHITE COLOUR
7. UNSPECIFIED DEVIATIONS ARE AS PER IS:2102-1982 (COARSE)**

ROUGHNESS SYMBOL	ROUGHNESS VALUE	ROUGHNESS VALUE	ROUGHNESS VALUE	ROUGHNESS VALUE	ROUGHNESS VALUE	ISSUE	AMENDMENTS
	60-25	25-6.3	6.3-0.8	0.8-0.1	< 0.1		
MATL REFER DETAILS						Est. wt 0.544 kg	
DRN N.R.B.						STAMP PART NO. MANUFACTURER'S NAME & YEAR	
CHD S.P.						REMOVE ALL BURRS	
PASSED N.K.						USED ON	
APPROVED R.P.						6795-89-Cb6250	
TITLE						DRG. NO.	
ASSY. BASE PLATE (FOR DMR/COMPLEX DEVICE)						6795-89-Cb6251Cb	
COMBAT VEHICLES RESEARCH AND DEVELOPMENT ESTABLISHMENT						SHEET OF	

BASED ON DRG. No.

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FILE NAME: 6795-89-Cb6251Cb_A3/1