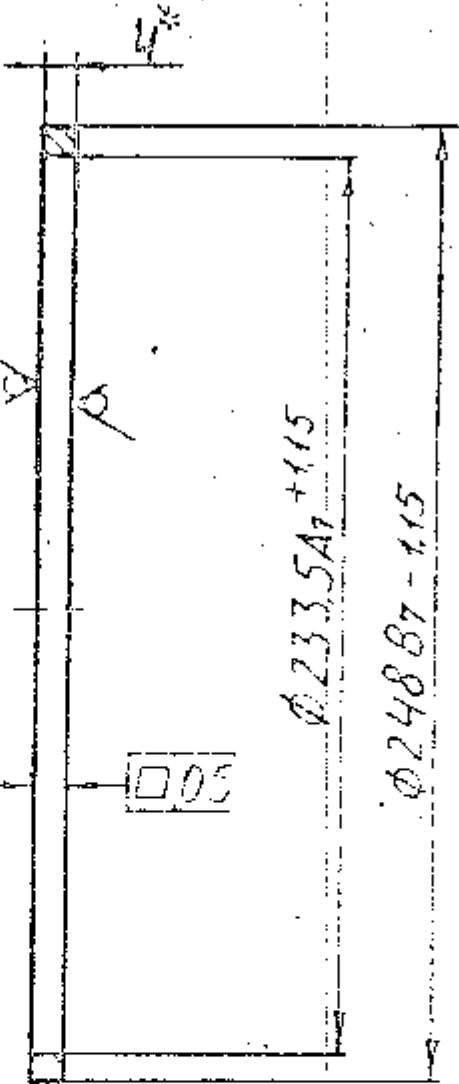


765-10-2089

R2150/ (V)

00782-1CV	V. Romanov	A	EQ. MATERIAL ADDED
09.05.2000			
DEVELOP DATE	ISSUE	NATURE	AMENDMENT



1. Alternate material is steel 10: 15 and 25 GOST 1050-74.
2. Stamping draft not exceeding 0.4 mm, rounding of edges and rounding of corners are allowed.
3. * Dimension is given for reference.

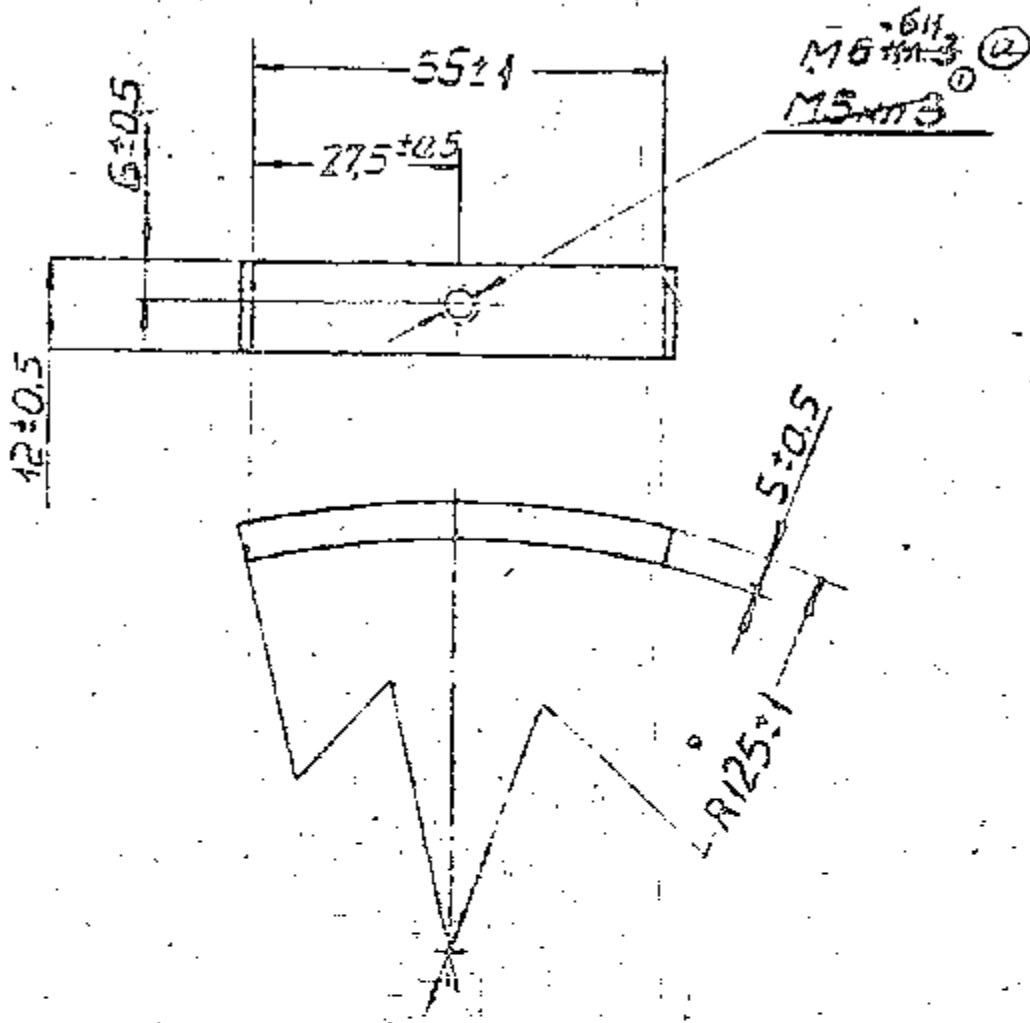
(A) EQ. MATERIAL: COLD ROLLED STEEL STRIP GRADED HALF HARD
 JO. IS: 4030-73.

APPROVED		765-10-2089 294 of 342	
CHECKED	H. M. Sh...	RING	WEIGHT SCALE
CONTROLLERATE OF INSPECTION (IC V)			0.188 1:2
		SHT SHITS	
SHEET 6-PY-04 GOST 19903-74		20 GOST 16523-70	

00782-1CV
 09.05.2000
 DEVELOP DATE
 00782-1CV
 09.05.2000
 DEVELOP DATE

765-10-2090

00782-1CV		
V. Romanov		
09: 5-2090		
DC (D) No		
DATE		
ISSUE	(A)	
NATURE		
AMENDMENT		
EQ. MATER. RIAL ADDED		



- 1). Remove sharp edges.
- 2). Alternate material is steel 10, 15, 25 and 30 GOST 1050-74.

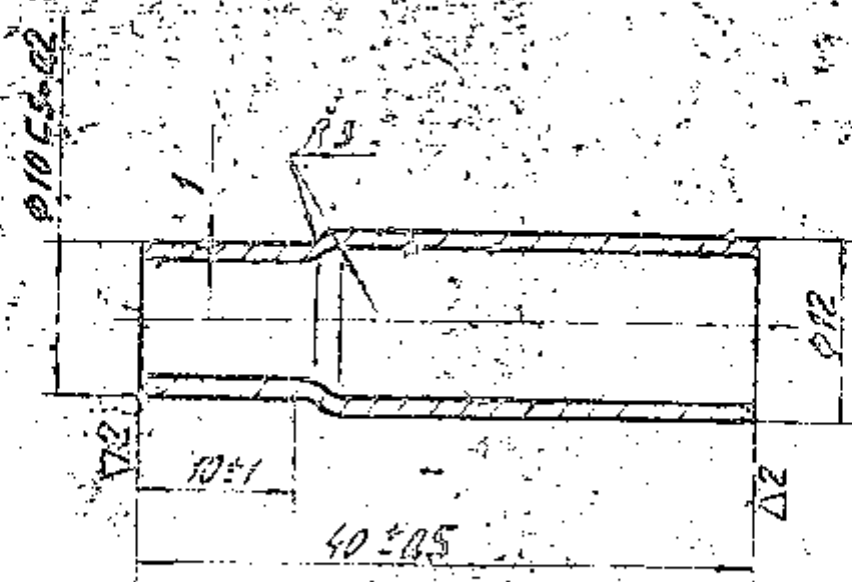
(A) EQ. MATERIAL: - STEEL PLATE F2.540 W-HT TO IS: 961-75

D 88

APPROVED	DESIGNED	765-10-2090	295 of 342
CHECKED	H.M.Sk - 104		
CONTROLLERATE OF INSPECTION (REV)		COVER PLATE	WEIGHT SCALE 0.028 1:1
		20 OCT 1050-74	DATE 8/1/75

765-10-2114

Unless otherwise specified.



1. Remove sharp edges.
2. Anneal and remove scale.
3. Alternate material is pipe 12X1 GOST 8734-75.
B 20 GOST 8733-74.

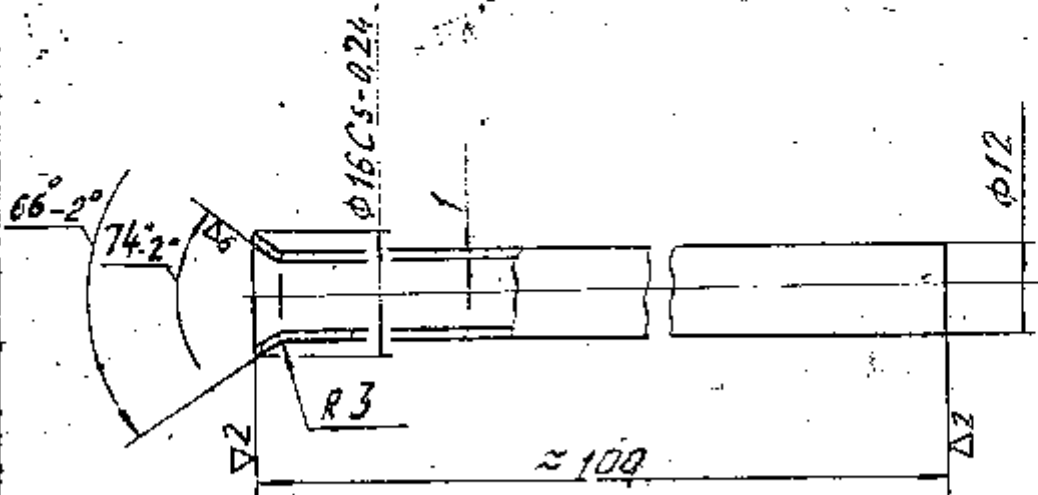
(A) EQ. MATERIAL: - CDS TUBE 4 TO 15: 3074-65

EQ. MATERIAL ADDED	NATURE
(A)	AMENDMENT
00780-ICV	ISSUE
V. Romanov	DATE
26. 4. 2000	

APPROVED	IN VACUO	765-10-2114	
CHECKED	H.M. Sh...	297 of 342	
CONTROLLERATE OF INSPECTION (ICV)	PIPE		SCALE
			0.01
			1:1
PIPE <u>12X1 GOST 8734-75</u> <u>B 10 GOST 8733-74</u>		SHT	SHTS

765-10-2115

Unless otherwise specified.



- 1). Bend pipe and correct its length as per standard made in situ.
- 2). Blunt sharp edges.
- 3). Ovality and corrugations at places of bending should not exceed 1 mm.
- 4). Anneal pipe ^{and} remove scale from it.
- 5). Alternate material is pipe $\frac{12 \times 1 \text{ GOST } 8734-75}{\text{B } 20 \text{ GOST } 8733-74}$.

110011. 11. 110011
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 110011. 11. 110011

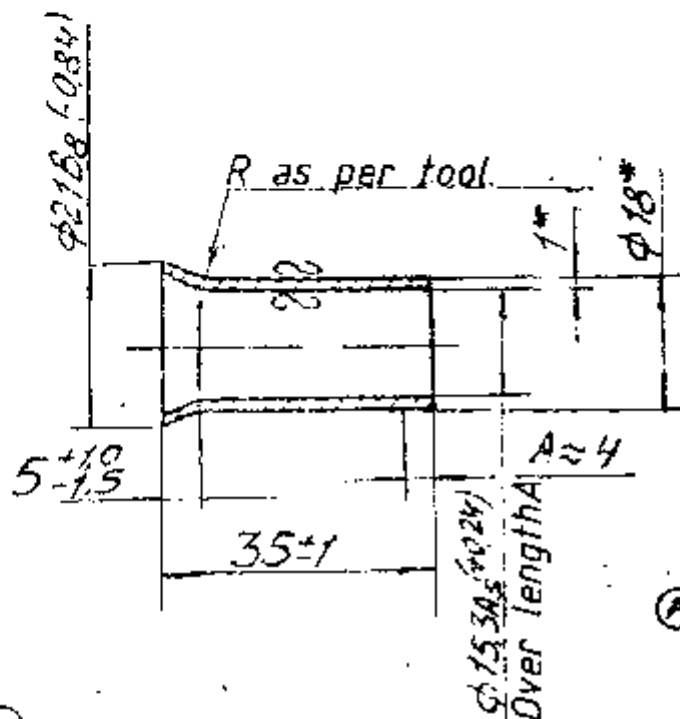
APPROVED	<i>M. VASU</i>	765-10-2115		298 of 392
CHECKED	<i>H.M. Shaikh</i>			
CONTROLLERATE OF INSPECTION (ICV)	PIPE		WEIGHT	SCALE
			0.015	1:1
			SHT	SHTS
PIPE $\frac{12 \times 1 \text{ GOCT } 8734-75}{\text{B } 10 \text{ GOCT } 8733-74}$				

765-10-2359

3 (▽)

00625-ICV 8-84	(A)	EQUIVALENT MATERIAL CDS:240 IS:3601-84 ADDED. (1/98 NOFA)
30 MAR 98	OK	
DC (I) NO	ISSUE	NATURE
DATE		AMENDMENT

EQ. MATERIAL ADDED.	EQ. MATERIAL ADDED	NATURE
(C)	(B)	ISSUE
00818-ICV N. 10-2000	00780-ICV N. 10-2000	DATE
26.4.2000	26.4.2000	



(A) EQUIVALENT MATERIAL:
CDS-240 IS:3601-84

(B) EQ. MATERIAL:- CDS TUBE 4 TO IS:3074-65

1). * Dimensions are given for reference.

(C) EQ. MATERIAL:- STEEL TUBE GRADE CDS-2 OR CDS-3 TO IS: 3074-79.

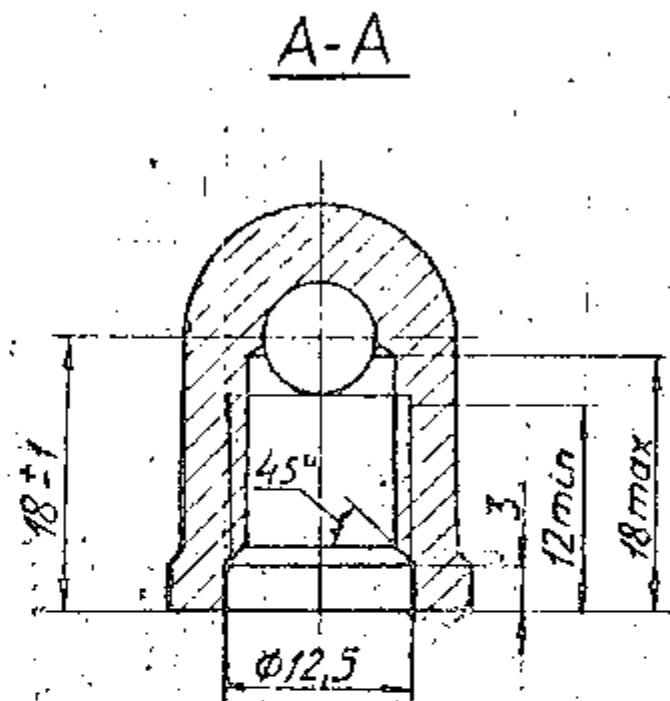
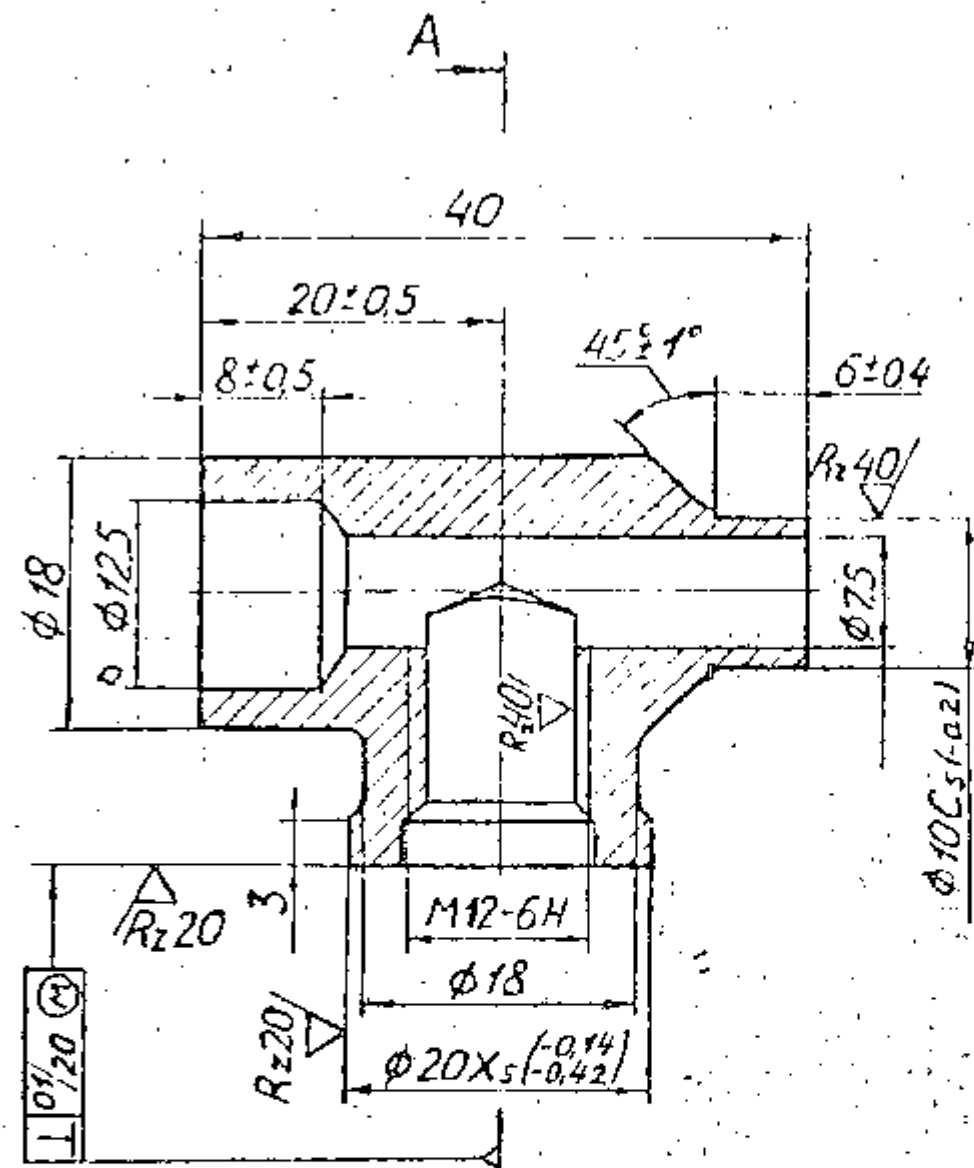
2). Sleeve may be reduced on section A to diameter which provides clearance not exceeding 0.6 mm with part 765-10-1496/2117.

3). Alternate material is pipe 18x1 GOST 8734-75
B10 GOST 8733-74.

Material: Pipe 18x1 GOCT 8734-75
B20 GOCT-8733-74.

APPROVED	M.V.S.D.	765-10-2359	WEIGHT	SCALE
CHECKED	D.S.KUMAR		0 010	1 1
CONTROLLERATE OF INSPECTION (ICV)		SLEEVE	SHT	BPTS
			PIPE	18x1 GOCT 8734-75 B20 GOCT 8733-74

765-10-2451



TECHNICAL CONDITIONS.

1. MATERIAL SUBSTITUTE - STEEL 30 ГОСТ 977-75.
2. CASTING DRAFTS NOT TO EXCEED 2°
3. UNSPECIFIED CASTING RADII NOT TO EXCEED 2mm
4. FOLLOWING ARE THE UNSPECIFIED LIMIT DEVIATIONS OF THE DIMENSIONS:
 FOR MACHINED SURFACES-HOLES AS PER A,
 FOR SHAFTS AS PER B,
 FOR OTHERS AS PER CM.
5. CHECK FOR LEAKPROOFNESS BY SPONGING EXTERNALLY WITH CHALK AND BY POURING BURNING, KEROSENE ГОСТ 4753-68 IN TO THE INNERSIDE AND SOAK FOR 5 MINUTES. APPEARANCE OF KEROSENE MARKS ON THE SHALLOWED SECTION IS NOT ALLOWED. LEAKPROOFNESS TEST IS ALLOWED WITH AN AIR PRESSURE OF 2 kg/cm² FOR LESS THAN 0.5 MINUTE. AIR LEAKAGE IS NOT ALLOWED.
6. REST OF THE REQUIREMENT FOR THE CASTING ARE AS PER OST 3-4365-79.

NOTE:-
 1. All Dimensions are in mm.
 2. The abbreviations and symbols are based on Russian Specifications.

NEAREST EQVT MATERIAL			
CASTING-1 OST 3-4365-79			
35A ГОСТ 977-75			
ORGL MATERIAL	DCG 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		USED ON:-	
SCALE:- 2:1	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		
DATE :- 24/12/93			
DRN. <i>Did</i>	WT :- (Kg) 0.03	T PIECE.	
TCD. <i>Did</i>			
CHD. <i>Chd</i>		DRAWING NO	PART NO
APD. <i>Apd</i>		765-10-2451	
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)			

(23)

765-10-2453

Along contour ✓

Rz320

2308

S-116

1100 ± 5

1. *Dimensions are given for reference.

(A) EQ. MATERIAL: - ASBESTOS FIBRE Gde A/D TO IS: 2712-70

307 UMB 11/15/2008

00782-1CV V. Roman 09.5.2008	(A) Crm	EQ. MATERIAL ADDED
DC (I) NO	ISSUE	NATURE AMENDMENT
DATE		

APPROVED

765-10-2453

309 of 342

CHECKED

Abey D. S. Kumar

WEIGHT SCALE

CONTROLLERATE

GASKET

0.1 1:1

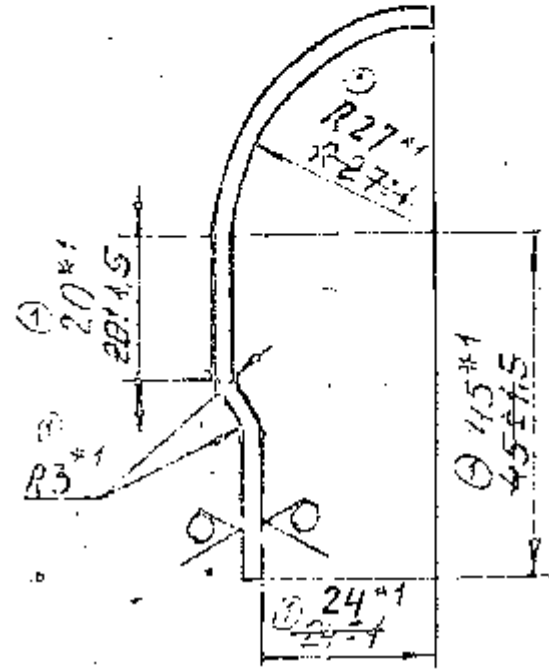
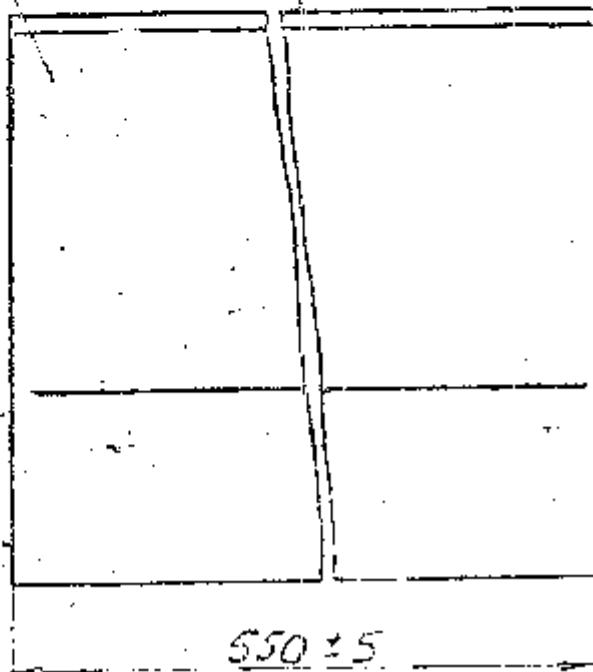
INSPECTION
(ICV)

RUBBERIZED ASBESTOS
NON-0.6 PCT 481-80

765-10-2454

320

S=1.75"

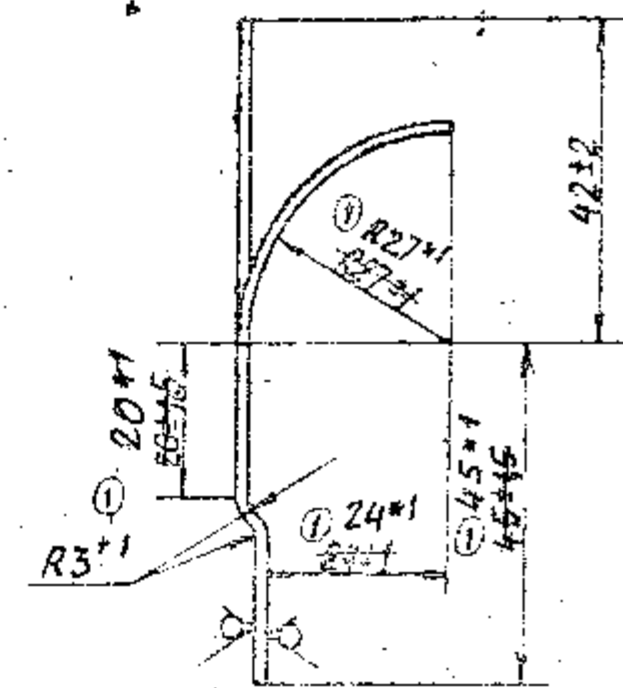
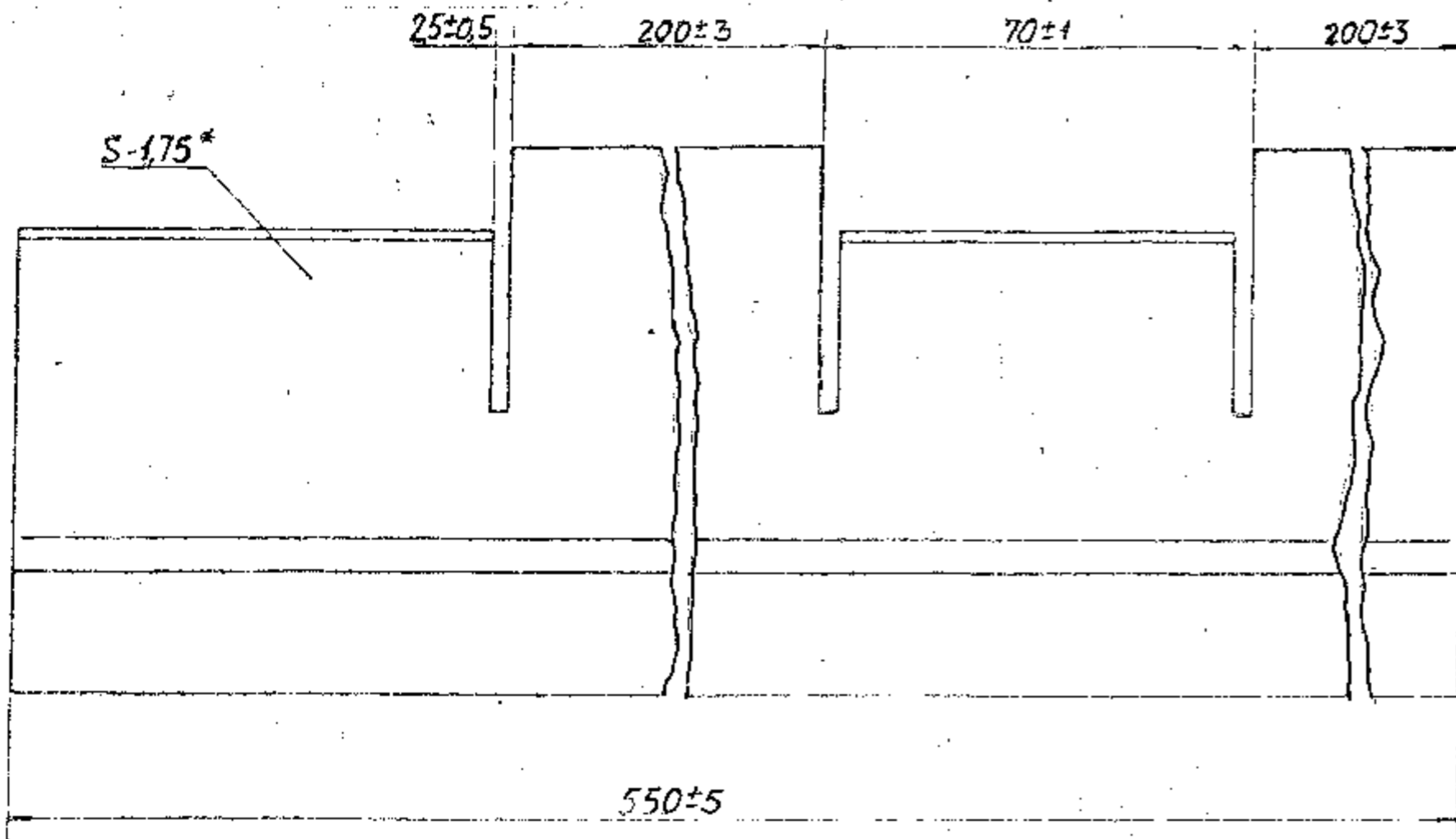


- 1 Check the profile of part against template in pressed condition.
- 2 * Dimension is given for reference.
- 3 *1 Dimensions are provided with tool.

3007 and plus 4000 (100) 200772

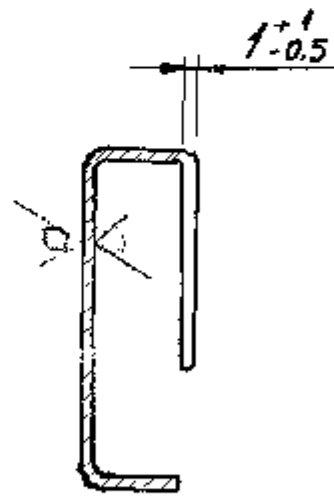
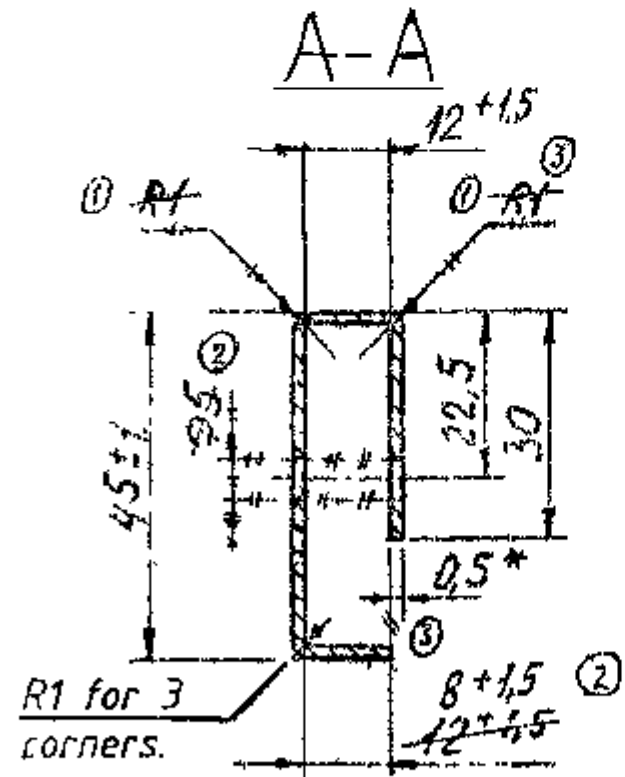
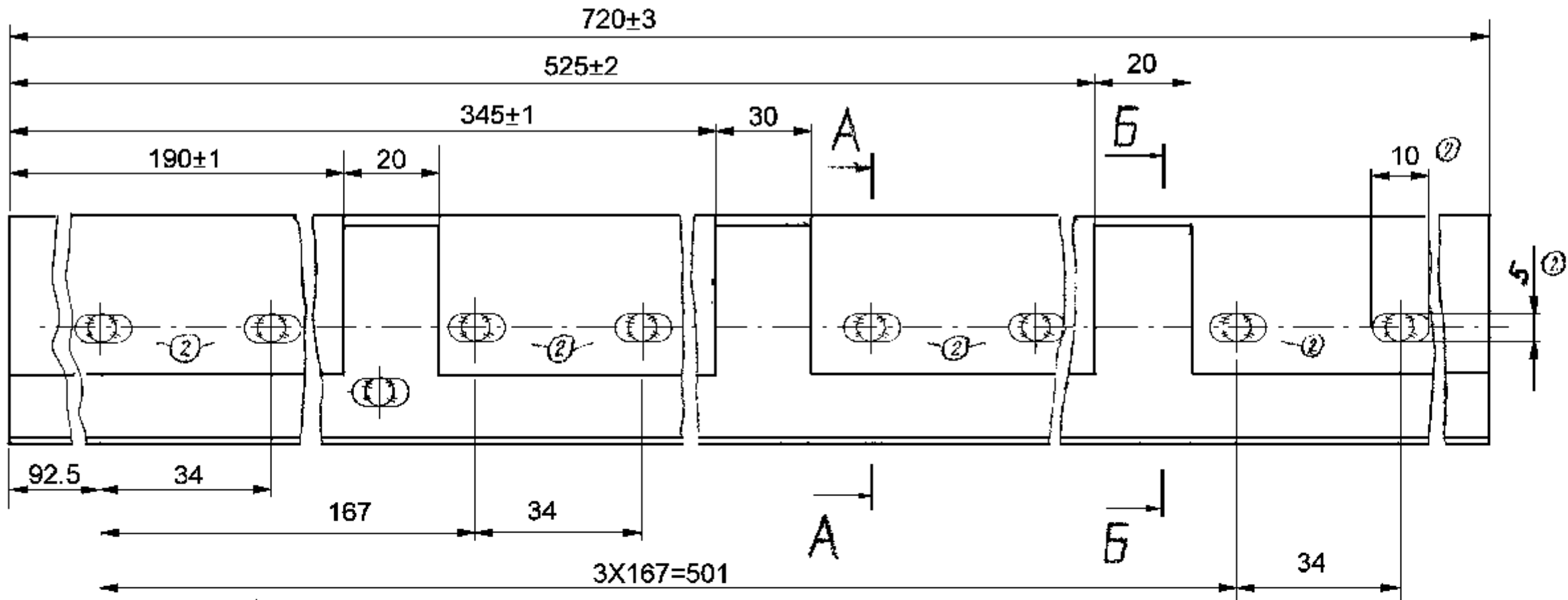
APPROVED	M. S. KUMAR	765-10-2454	310 of 342
CHECKED	ASHEK D. S. KUMAR		
CONTROLLERATE OF INSPECTION (ICV)	SHEET	WEIGHT	SCALE
		0.17	1:1
		SHT	SPTS
	AS80-STEEL SHEET A A-1 1.75 POCT 12856-75		

RZ 329 (V)



1. Check the profile of part against template when it is forced against.
2. *Dimension is given for reference.
3. Lamination of material not exceeding, 2mm along contour is allowed.
4. *Dimensions are provided with tool.

APPROVED	M. VASU	765-10-2455	311 of 342
CHECKED	A. S. W. D. SKOMAR		
CONTROLLERATE OF INSPECTION (ICV)		SHEET	
		Asb0-steel sheet A-A-1 1.75 OCT 12856-75	WEIGHT SCALE 0.09 11
		SHT	SHTS



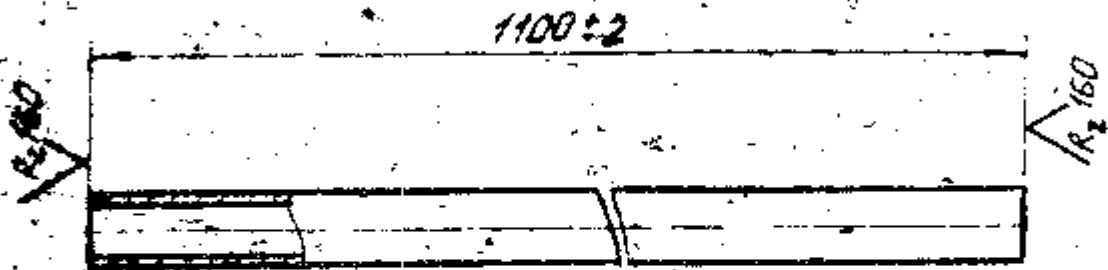
- 1). Alternate material is steel 12x18H9T, GOST 5632-72.
 - 2). Unspecified limit deviations of dimensions are ±0.5mm.
 - 3). * Dimension is given for reference.
- (A) EQ. MATERIAL:- STAINLESS STEEL STRIP 04CY18Ni10Ti2.0 TO IS: 6911-72

00770-ICV 4 APR 2000	(A) ISSUE	EQ. MATERIAL ADDED.
DC(I) No. & DATE	AMENDMENTS	

APPROVED M VASU	765-10-2458	WEIGHT	SCALE
CHECKED D. SKUMAR		0.135	1:1
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	CASING	SHT	SHTS
		STEEL 12x18H 10T GOST 5632-72	

765-10-2459

(N/A)



00782-KV V. Ramesh 09-5-2000	(A)	EQ. MATERIAL ADDED
DC (D) No DATE	ISSUE	NATURE AMENDMENT

1. Outside coating: Primer ϕ Л -03-K, GOST 9109-81
enamel $\eta\phi$ -223, khaki, GOST 14923-78.

For inside coating use is made of varnish ГФ-95,
GOST 8018-70, ИЛ-09-73.

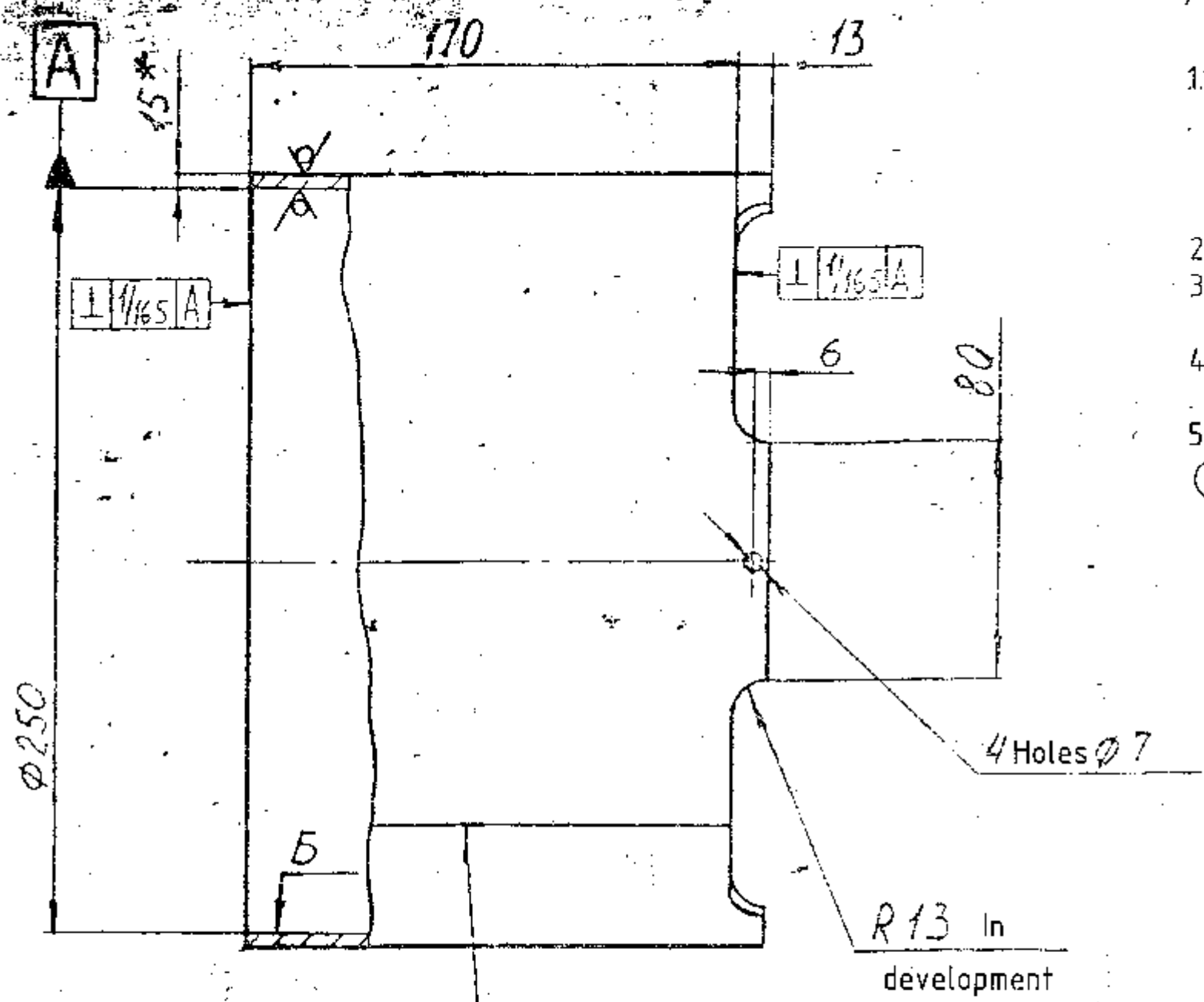
- (A) EQ. MATERIAL: - CDS STEEL PIPE 4 TO IS: 3074.65
PRIMER TO ISS 8010-1
ENAMEL TO ISS 8010-1
VARNISH TO IS: 350-68

Material: Pipe 8x1-20A,
Ty14-3-480-76.

APPROVED	M. VAIW	765-10-2459		313 07242
CHECKED	<i>[Signature]</i> D. S. Kumar			
CONTROLLERATE OF INSPECTION (ICV)	PIPE		WEIGHT	SCALE
	PIPE 8x1-20A TY 14-3-480-76		0.216	1:1
			SHT	SHTS

765-10-59L

R2320
 ✓ (✓)



1. Alternate material is sheet A-nY-0-15 GOST 19904-74
12x18H9T GOST 5582-72
 and sheet A-nY-0-15 GOST 18904-74
20x23H18 GOST 5582-75.

2. Limit deviations of dimensions are $\pm 0.5\text{mm}$.
3. Use is made of welding wire Ø8x20H9F7 T GOST 2246-70. Dress the weld on 2 sides flush.
4. Tool marks with a depth not exceeding 0.2mm are allowed on surface B.
5. *Dimension is given for reference.

Ⓐ EQ. MATERIAL:- STAINLESS STEEL SHEET 04Cr18Ni10Ti 20 TO
IS: 6911-72

ГОСТ 14771-76-C2-417

at any point.

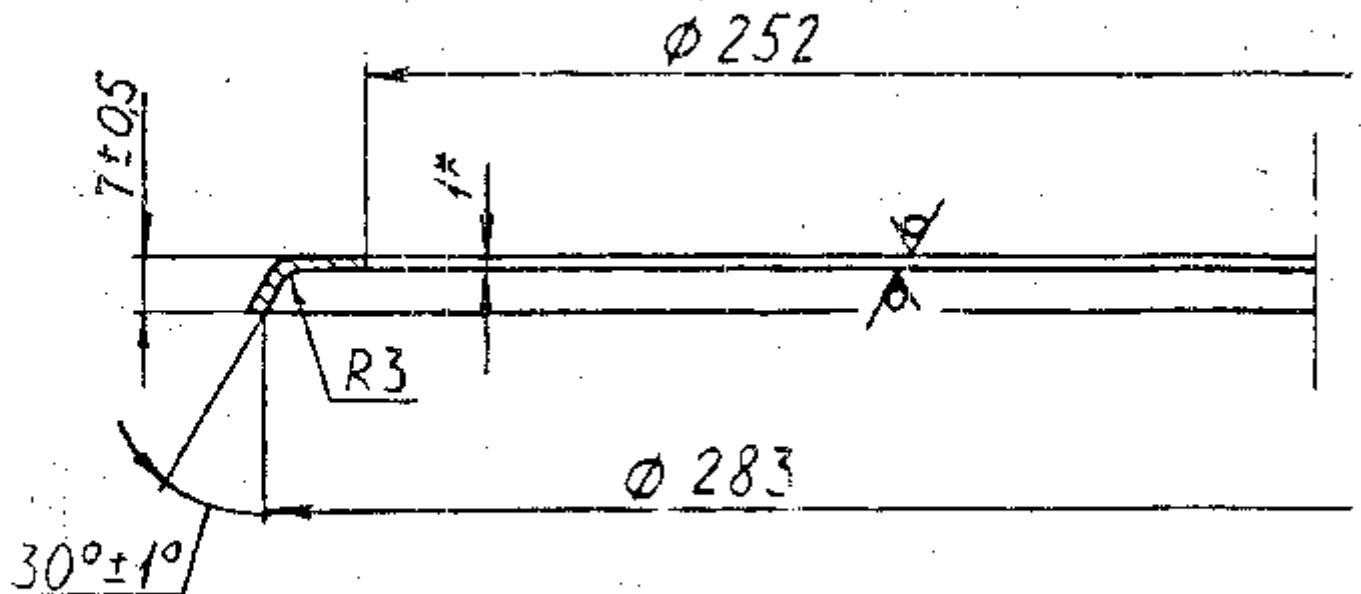
00782-JCY V. Romanov 09.5.2000	Ⓐ Cura	EQ. MATERIAL ADDED
DECLINNO DATE	ISSUE	NATURE AMENDMENT

APPROVED	765-10-2465	314 of 34
CHECKED <i>SKUMAR</i>	PIPE	WEIGHT SCALE 1.140 1:2
CONTROLLERATE OF INSPECTION (ICV)	SHEET A-nY-0-15 ГОСТ 19904-74 12x18H10T ГОСТ 5582-75	SHT SHTS

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9942-01-591
765-10-2466

R2320
✓ (✓)



00782-icv	(A)	EQ. MATERIAL ADDED
V. Ramesh	Amman	
09.5.2008		
DCU No		NATURE
DATE	ISSUE	AMENDMENT

1 Alternate material is sheet A-PY-0-1 GOST 19904-74
12x18H9T GOST 5582-75

2 Unspecified limit deviations of dimensions are $\pm 1\text{mm}$.

3 * Dimension is given for reference.

(A) EQ. MATERIAL - STAINLESS STEEL SHEET 04 CY 18 N 10 T 20
TO IS: 6911-72

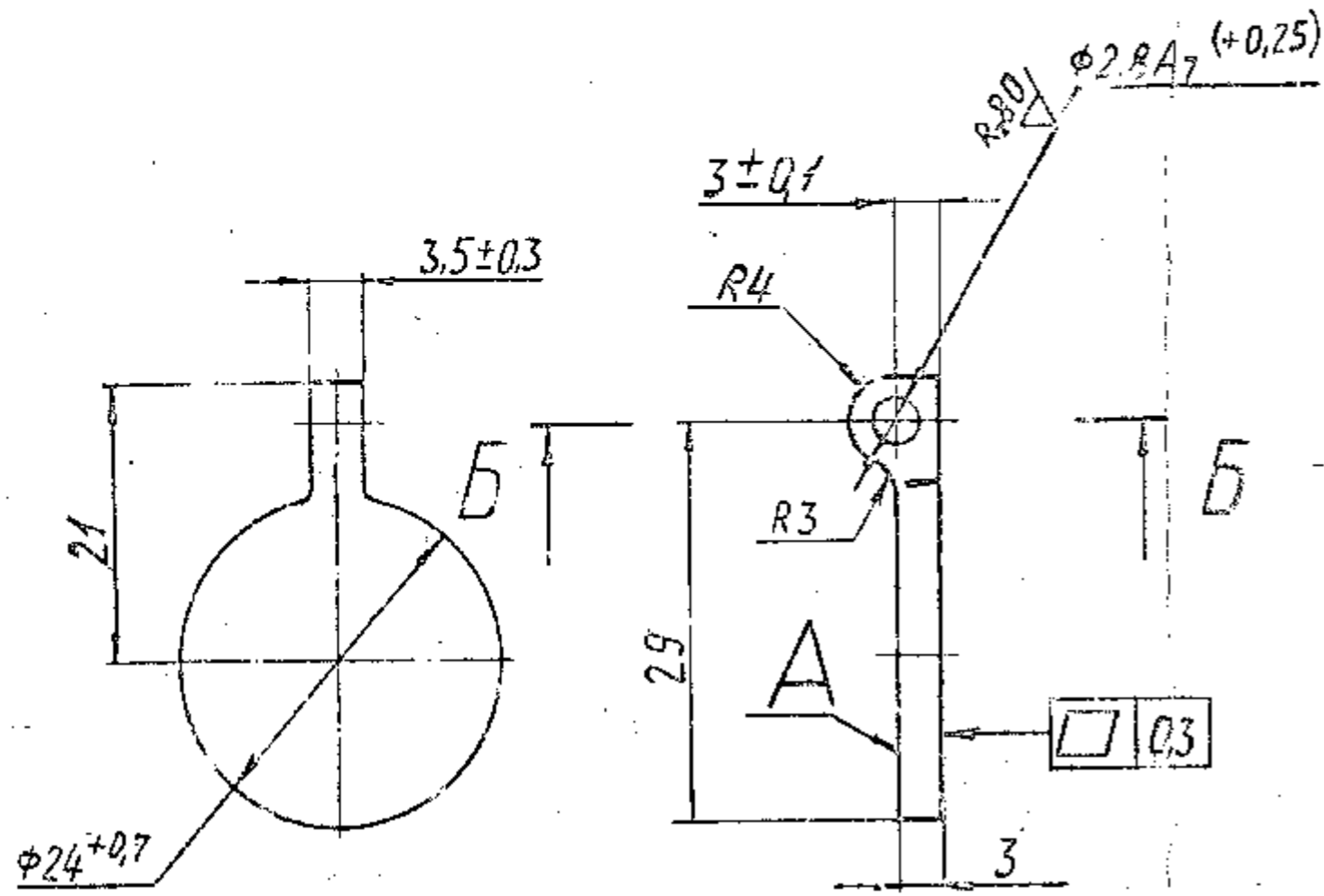
D38

2. UNB. MATERIAL DESIGN

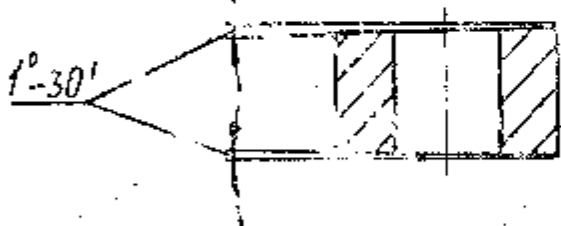
APPROVED		765-10-2466	315 of 342
CHECKED	<i>[Signature]</i>		
CONTROLLERATE OF INSPECTION (ICV)	CASING	WEIGHT	SCALE
		0.122	1:1
SHEET A-PY-0-1 GOST 19904-74 12x18H10T GOST 5582-75			

765-10-2467

R₂ 40/ (✓)



B-B
Scale 5:1



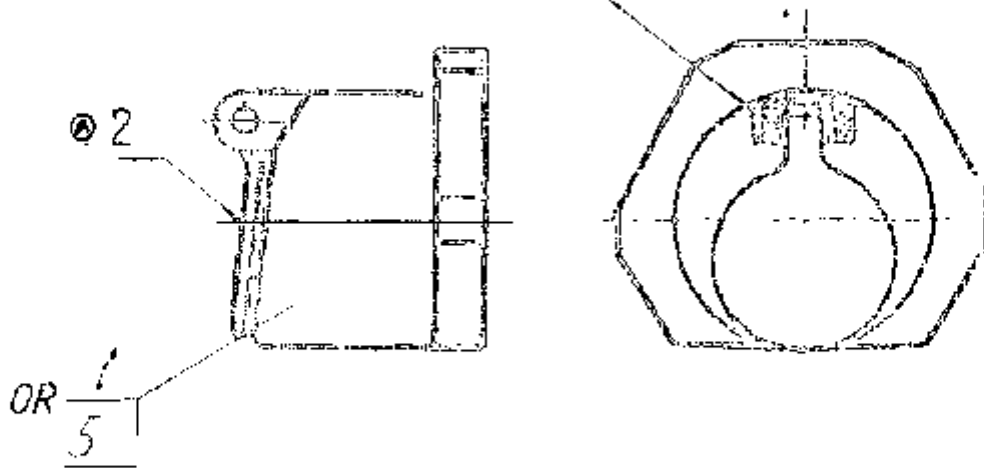
1. Substitute for material - АА2 ГОСТ 2685-75.
2. Casting drafts - 2° , maximum.
3. Casting radii - 1 mm, maximum.
4. Pusher traces within ± 0.5 mm and corrugations at pitch of 1x1 mm and not in excess of 0.5 mm high on surface A are tolerable.
5. Unspecified limit deviations of sizes - ± 0.5 mm.
6. Other requirements to casting - according to ТТАЛ-370.
7. Coating: anodic oxidation with subsequent sealing in bichromate or chemically phosphatized, blue.

Инв. № подл. Подп. и дата
 11.02.80 20.01.83

APPROVED	<i>[Signature]</i>	765-10-2467	
CHECKED	<i>[Signature]</i>	VALVE DISK	WEIGHT SCALE
CONTROLLERATE OF INSPECTION (ICV)			0.004
		Material: АА2 ГОСТ 2685-75	

765-10-591

Lock-punch from both 3 sides



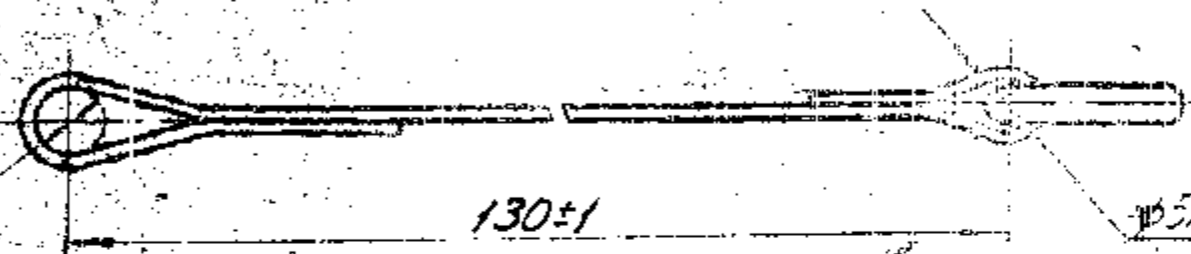
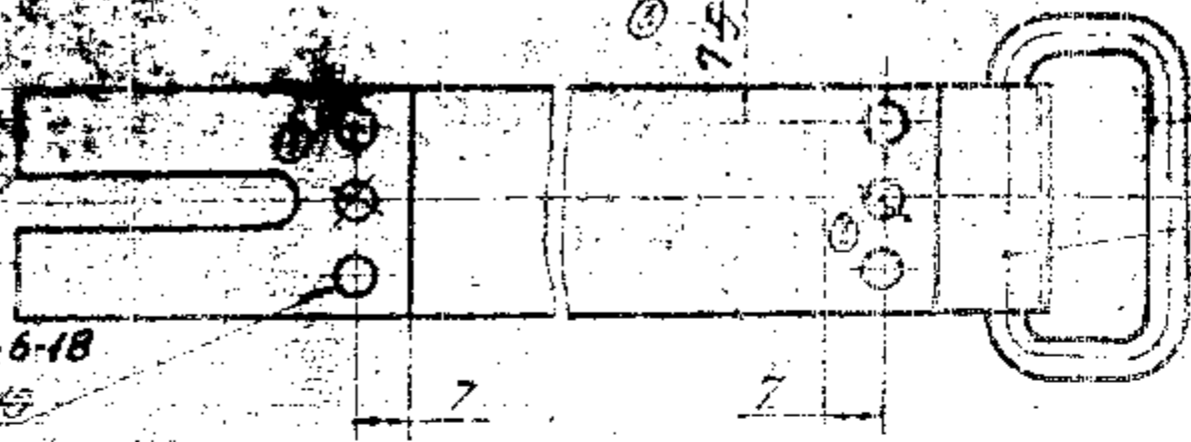
DISC NO. ADDED AND NATURE OF AMENDMENT	DISC NO. ADDED AND NATURE OF AMENDMENT
ISSUE	ISSUE
DATE	DATE

DISC NO. ADDED AND NATURE OF AMENDMENT	DISC NO. ADDED AND NATURE OF AMENDMENT
ISSUE	ISSUE
DATE	DATE

1). Valve should be rotated smoothly without jamming on axis

REF. NO	Designation	Description	Qty	Remarks.
3	Lock-pin 2np ²⁰⁰ X120ST3-2234-80 or 700-32-315-01		1	HB 255.207(φ3.0...4.2)
2	765-10-2467	Valve	1	
5	765-10-2421	Body	1	Part may be replaced by ref no.1
2	765-10-1510 or 765-10-2387	Valve	1	
1	765-10-1100 ^{LV2/FCVS 3040-023164}	Body ADAPTOR HOUSING.	1	Part may be replaced by ref no.5

APPROVED	M. VASU	DISC CAT No. LV2/FCVS - 4825 055496	765-10-06349	74 of 3/2
CHECKED		VALVE VALVE REGULATING SYS PRESSURE (B)		
CONTROLLERATE OF INSPECTION (ICV)				
		0.065	1	
		SHT	SHTS	



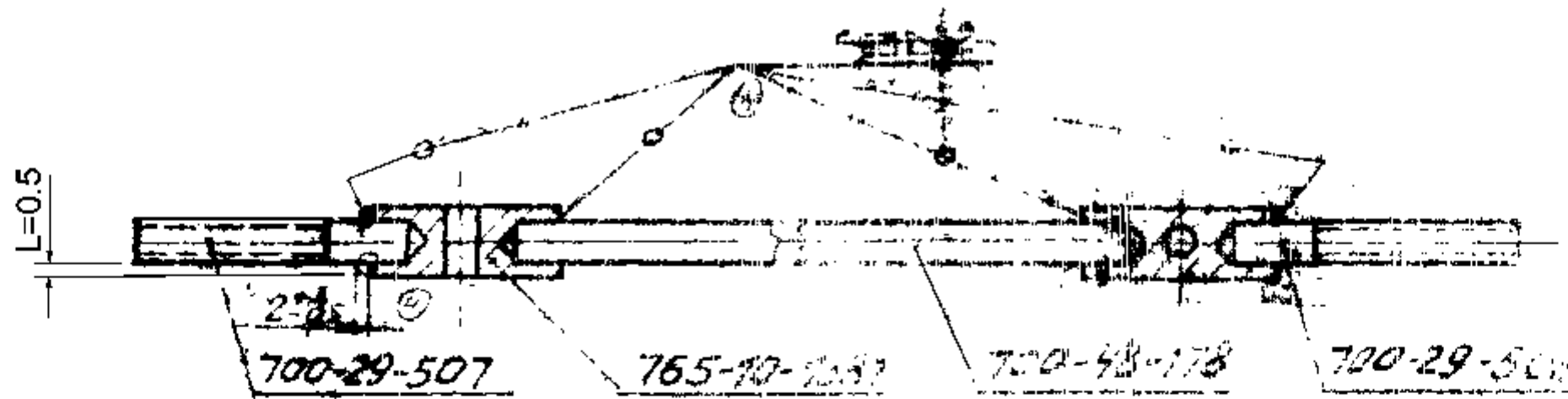
1). Coat all around using primer φП-03+K, GOST 9109-181 and paint with dark-grey enamel нФ-223, GOST 14923-78.

EQ. MATERIAL:- PRIMER φТОЛ ISS 3-47-13
ENAMEL φТОЛ ISS-8010-10

00780-10Y 4-Romab 26.4-2000	(A) Cwm	EQ. MATERIAL ADDED
DC (I) No. DATE	ISSUE	NATURE AMENDMENT

REF. NO.	DESIGNATION	DESCRIPTION	QTY	REMARKS
		Primer φП-03K.		
	730-10-41 -	Hinge.	1	
	765-10-1146 ✓	Band	1	

APPROVED	M. VASU	765-10-C6369	75 of 342
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)		BAND	WEIGHT SCALE
			φ 105 1:1
		SHT 1	SHTS -



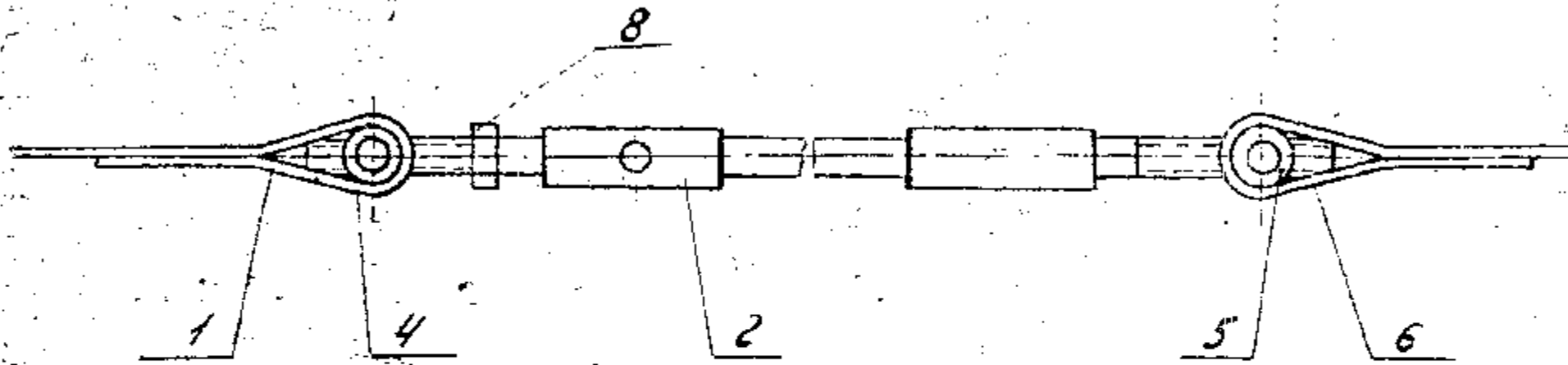
- 1). Use gas welding.
- 2). Welding is allowed as per GOST 14771-75 yn.
- 3). Coating: Chemically-parkerized, chromatized, coating may be absent as threaded surfaces.
- 4). Except thread apply primer $\phi A-03-k$ GOST 9109-81 and paint with dark-grey enamel: $\Pi\phi-223$ GOST 14923-78.
- 5). Holes of shafts should be located perpendicularly to each other.
Deviation not exceeding 5° is allowed.

Ⓐ EQ. MATERIAL: - PRIMER TO ISS: 3-47-13
ENAMEL TO ISS: 8010-1

REF. NO.	DESIGNATION	DESCRIPTION	QTY	REMARKS.
		Primer $\phi A-03-k$		
	700-48-178	Axle.	1	
	700-29-508	Stud.	1	
	700-29-507	Stud.	1	
	765-10-1387	Shaft.	2	
REF. NO.	DESIGNATION	DESCRIPTION	QTY	REMARKS.

00782-1CV v. <i>Conrad</i>	Ⓐ	EQ. MATERIAL ADDED
09. 5. 2000 DCU/No DATE		
ISSUE		NATURE AMENDMENT

APPROVED	MANAGER	765-10-C6 449		76 of 342
CHECKED	<i>[Signature]</i>	CONTROLLERATE OF INSPECTION (ICV)	WEIGHT	SCALE
			0.153	1:1
			SHT	SHTS



1) Tie rod should be stated in shafts by hand.

(A) 2) Lubricate thread with oil MT-16 GOST 6360-58.

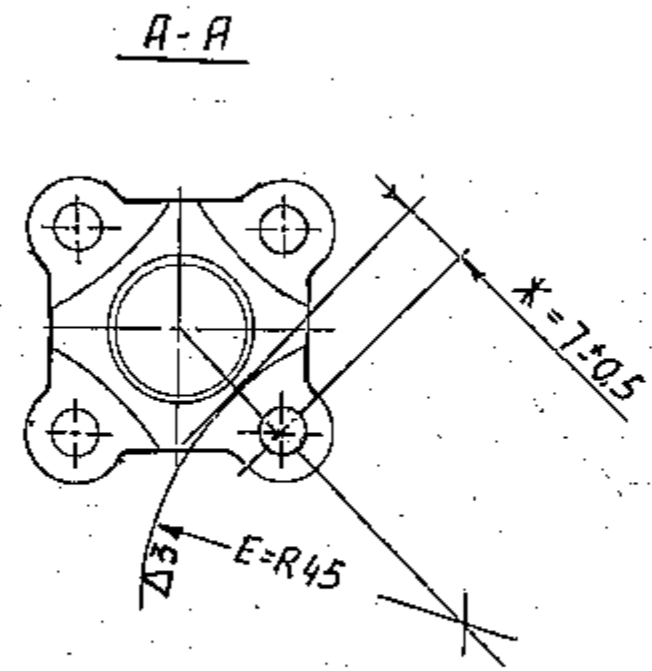
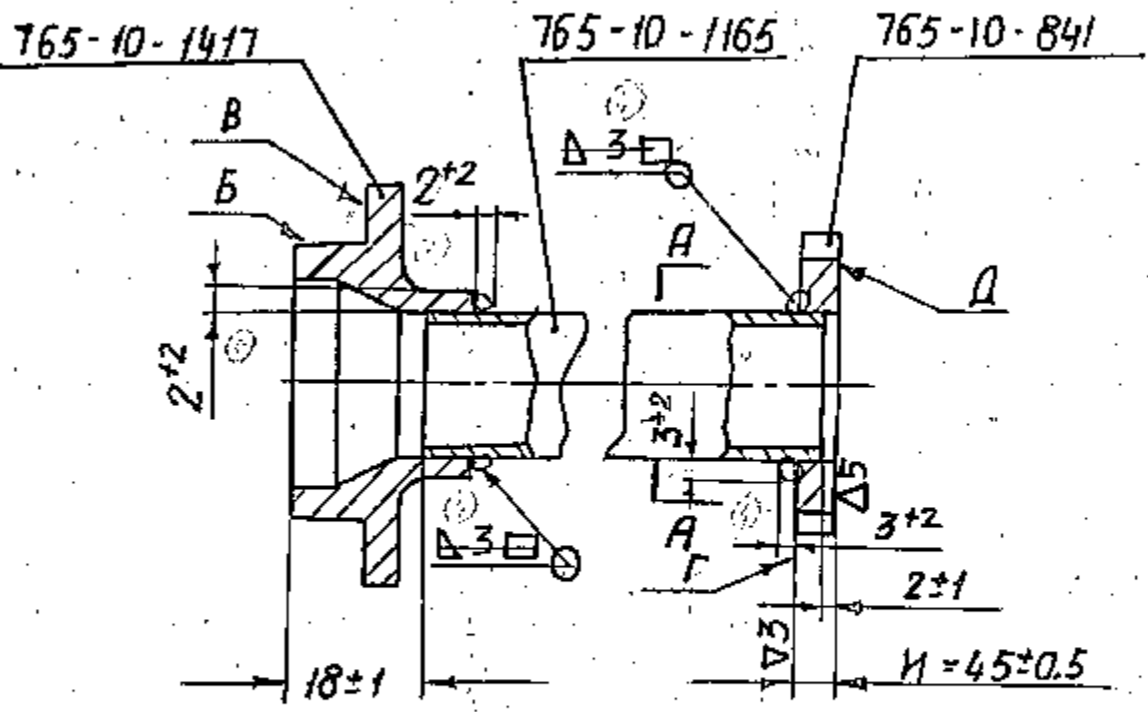
(A) EQUIVALENT: (C) OIL MINERAL OMD-350 TYPE III
(IOC BOMBAY)

R No.	DESIGNATION	DESCRIPTION	Qty.	REMARKS
		Oil MT 16 n		
8	Nut M6-6019 GOST 5927-70		1	
7				
6	765 - 10 - 1147	Band	1	
5	765 - 10 - 121	Shaft	1	
4	765 - 10 - 119	Shaft	1	
3				
2	765 - 10 - cb449	Tie rod	1	
1	765 - 10 - Cb369	Band	1	

60-770-114	(A)	EQ. MATERIAL ADDED
V. Ramo		
A.A. 2000		
DC (I) No.	ISSUE	NATURE
DATE		AMENDMENT

APPROVED	M. VASU	765-10-C6 450	
CHECKED	A.K. MISUR	TIE ROD	
CONTROLLERATE OF INSPECTION (ICV)		WEIGHT	SCALE
		0.405	1:1
		SHT	SHTS

765-10-01-59L



1. USE ARC WELDING IN THE ATMOSPHERE OF CARBONDIOXIDE.
2. RELATIVE POSITION OF PARTS SHOULD BE AS PER STANDARD MADE IN SITE.
3. GAS WELDING IS ALLOWED.
4. EXTERNAL SURFACES, EXCEPT SURFACES B, B AND D SHOULD BE COATED WITH VARNISH KO-815 GOST 11066-74 MIXED WITH 6 TO 12% OF ALUMINIUM POWDER η_{an-1} OR η_{an-2} GOST 5494-71 AS PER INSTRUCTION UA 23-74.
5. NON FLATNESS OF SURFACE D SHOULD NOT EXCEED 0.25mm.
6. DRESS WELD ON PLANE FLANGE ALONG DIMENSIONS E AND * FLUSH WITH SURFACE F, IN THIS CASE, CUTTING UP TO DIMENSION $H = 3.75$ MINIMUM IS ALLOWED.
7. PART MAY BE MADE AS PER CONVENTIONAL DOTTED LINE.
8. CHECK FOR LEAKAGE BY POURING KEROSENE AND BY KEEPING IT FOR 10 MINUTES. LEAKAGE IS NOT ALLOWED. IT IS ALLOWED TO TEST FOR TIGHTNESS IN A WATER BATH B SUPPLYING AIR AT A PRESSURE OF 5Kgf/cm SQUARE FOR AT LEAST 0.5 MINUTES. AIR LEAKAGE IS NOT ALLOWED.
9. IT IS ALLOWED TO WELD FLANGE IN SITE.

DESIGNATION	DESCRIPTION	QTY.	REMARKS EQ. MATERIAL
	VARNISH KO-815		VARNISH AS PER IN/OP/15
	ALUMINIUM POWDER η_{an-1}		AL. PASTE AS PER IS: 2 BS
765 - 10 - 1417	FLANGE	1	
765 - 10 - 1165	PIPE	1	
765 - 10 - 841	FLANGE	1	

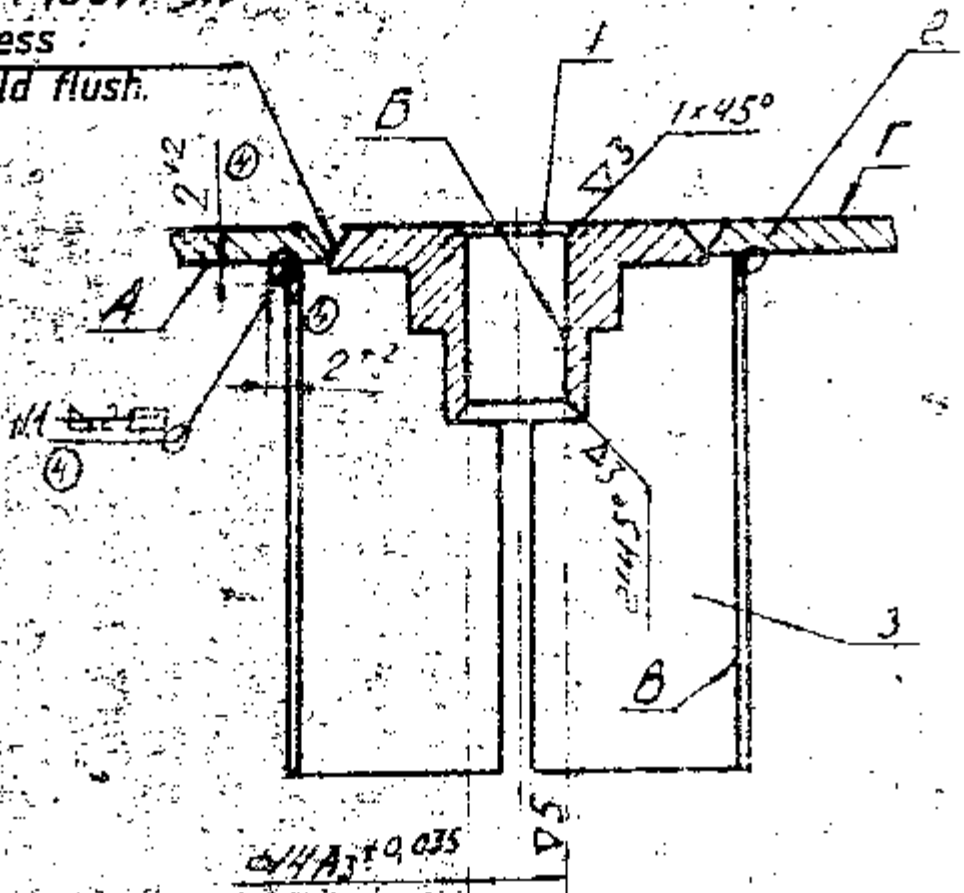
00770-JCV	EA. MATERIAL ADDED
V. Roman	NATURE
A. 4-2000	AMENDMENT
DC/11/16	ISSUE
	DATE

APPROVED		765-10-01-59L	
CHECKED		765-10-01-59L	
CONTROLLERATE OF INSPECTION (ICV)	PIPE	WEIGHT	SCALE
		0.61	1:1
		SHT	SHTS

765-10-0523

GOST 14774-76017-90

Dress
weld flush.



1. NON-flatness of surface A should not exceed 2 mm.
2. Displacement of axis of surface B with respect to axis of part, ref, no, 2., should not exceed 0.5 mm.
3. Nonsquareness of axis of surface B to surface A should not exceed 1 mm over a length of 130 mm.
4. Displacement of axis of surface B with respect to axis of part, ref, no, 2; should not exceed 0.5 mm.
5. Rolls not exceeding 2 mm caused by welding are allowed on surface A.
6. Use CO₂-shielded arc welding to make weld No.1.
7. Install part, ref,no,1, flush with surface Γ of part, Ref.No.2.
8. Prime all around, except surface B by using primer φЛ-03 K, GOST 9109-81 and paint with enamel xB-518, khaki, TY 6-10-966-75.
9. Type of welding wire used is c6 08x20 H9Г7Т, GOST 2246-70.

- (A) EQ. MATERIAL: (a) PRIMER AS PER ISS-4T-13
(b) ENAMEL KHAKI AS PER ISS-8610-1

REF. NO.	Designation	Description	QTY	Remarks
		Enamel xB -518 khaki,		
		Primer φЛ-03K		
3	765-10-1728	Pipe	1	
2	765-10-1727	Cover.	1	
1	765-10-1726	Bush	1	

91044-ICV A. A. 2000	(B)	DS CAT PART NO ADDED
18-10407		
00770-ICV Y. Roman	(A)	EQ. MATERIAL ADDED
DC (1) No DATE	ISSUE	NATURE AMENDMENT

APPROVED	M. VASH	765-10-0523	82 of 342
CHECKED			
CONTROLLERATE OF INSPECTION (ICV)		COVER	
		WEIGHT	SCALE
		1.52	1:1
		SHT	SHTS
		DS CAT NO: LV2/ICVS. 5340-153974	

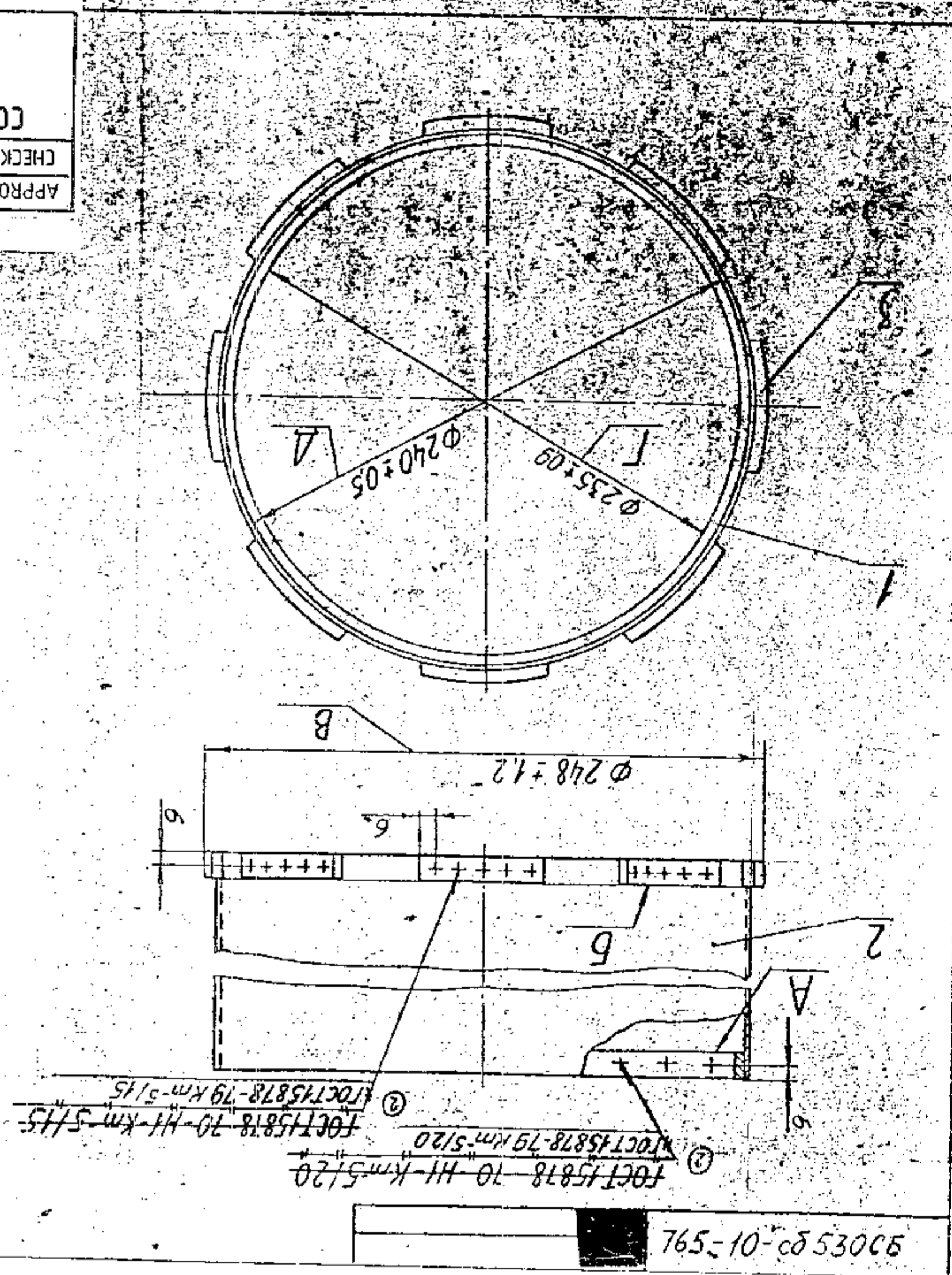
765-10-cb 530 cb

APPROVED		ES M/EN		765-10-cb 530 CB		84 of 342	
CHECKED				PIPE			
CONTROLLERATE OF INSPECTION (ICV)				(Assembly Drawing)			
SHT		SHTS		WEIGHT		SCALE	
				1.66		1:1	

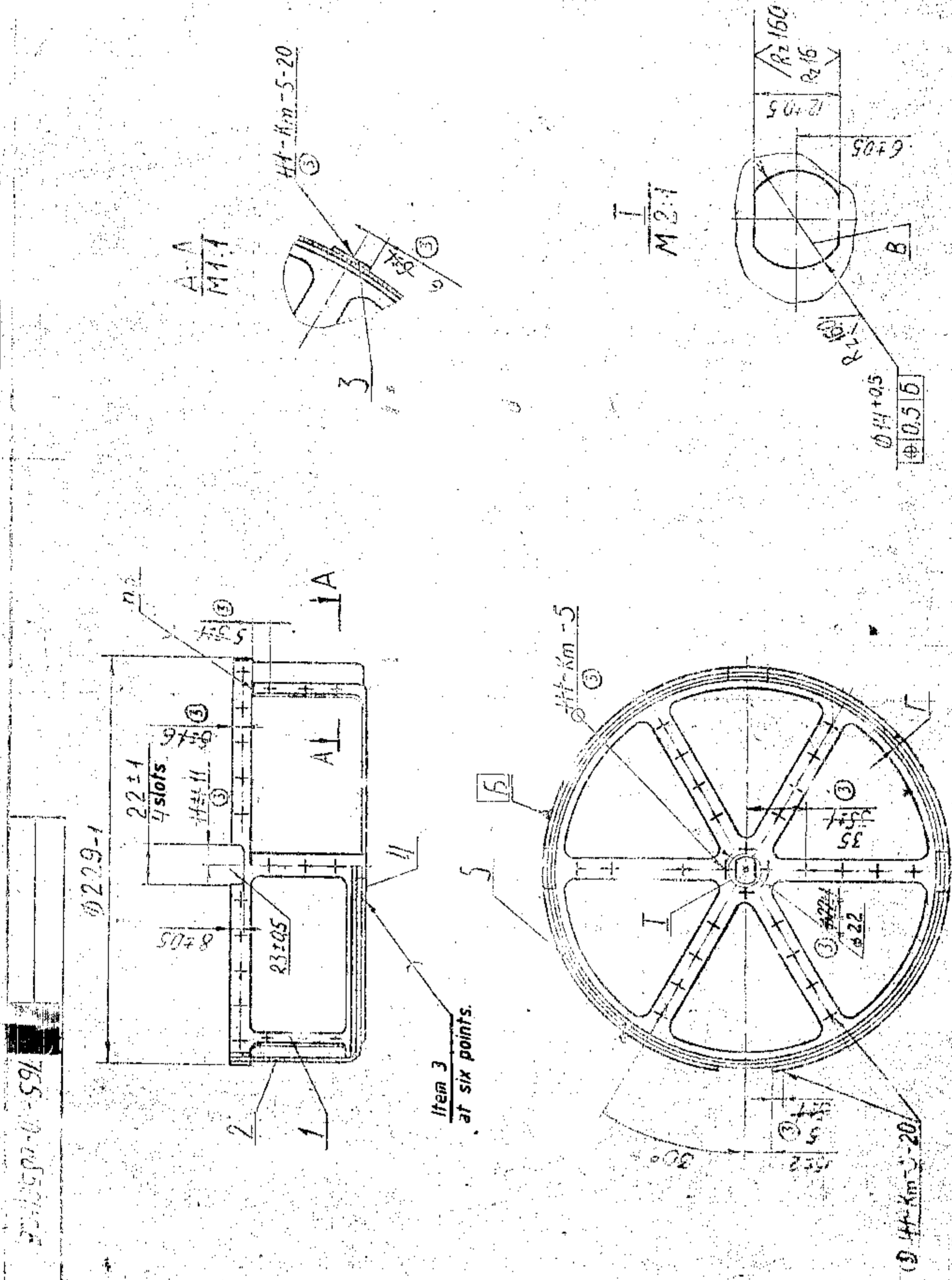
1) Weld parts Ref.No.1 and Ref.No.3, to flush with butt-ends of pipe.

2) Dressing of surfaces A and B is allowed.

3) Do not check dimensions B and F if dimension A is provided. In this case, in assembly 765-10-cb528 the pipe should be moved without jammings and rotated with respect to each other.



765-10-cb 530 CB



1. Weld as per GOST 15878-79.
2. Use solder П0ССУ 30-2, GOST 21931-76. Lack of soldering penetration and lack of fusion are not allowed.
3. Position of hole B with respect to slots is arbitrary.
4. It is allowed to check the external dimension of gauge by its passing through a ring, $\varnothing 29.5\text{mm}$.
5. Coating: Top 4 П0ССУ 30-2, GOST 21930-76.
6. It is allowed to check the displacement of axis of hole B with respect to axis of surface I.
7. Neutralize the acid after soldering.
8. Dimension is given for reference.

EQ. MATERIAL (C) SOLDER, SN 3055 TO 15-1975-82

APPROVED	EQ. MATERIAL ADDED
CHECKED	DATE
ISSUE	AMENDMENT
DATE	AMENDMENT

APPROVED	REQ. NO.	765-10-cb564cb
CHECKED	WEIGHT SCALE	0.57
CONTROLLERATE OF INSPECTION (ICV)	SCALE	1:2
	SHT	SHTS

GAUZE (Assembly drawing)

SL. NO.	ZONE	REF. NO.	DESIGNATION	DESCRIPTION	QTY	REMARKS
				Technical papers		
12			765-10-cb775CB	Assembly drawing		
				Parts		
11	1		765-10-2453 ✓	Gasket	1	
11	2		765-10-2454 ✓	Sheet	2	
11	3		765-10-2459 ✓	Pipe	1	
			EQUIVALENT MATERIAL: MILD STEEL WIRE GALVANISED 7mm DIA, 1/4 HARD TO IS: 280-78 UTS $\geq 37 \text{ Kg/cm}^2$ (min)	Materials Wire K01 GOST 792-67 $\ell = 100\text{MM}$	10	
		(A) 4				
				00469-11V - <i>for</i> 14 SEP 91 DCO/No & DATE	(A) - <i>for</i>	EQUIVALENT MATERIAL ADDED FOR REF. NO. A
				ISSUE	NATURE	
AMENDMENTS						

APPROVED	K.V.P.S.	115 of 342	
CHECKED	<i>ASLU</i> D. S. KUPPA	765-10-CB 775	
CONTROLLERATE OF INSPECTION (ICV)	(B) SUPPORT ASSEMBLY TIE-ROD		WEIGHT SCALE
			S IT SHTS
	(B) DS CAT NO: LV2-ICVS 2930-002140		114

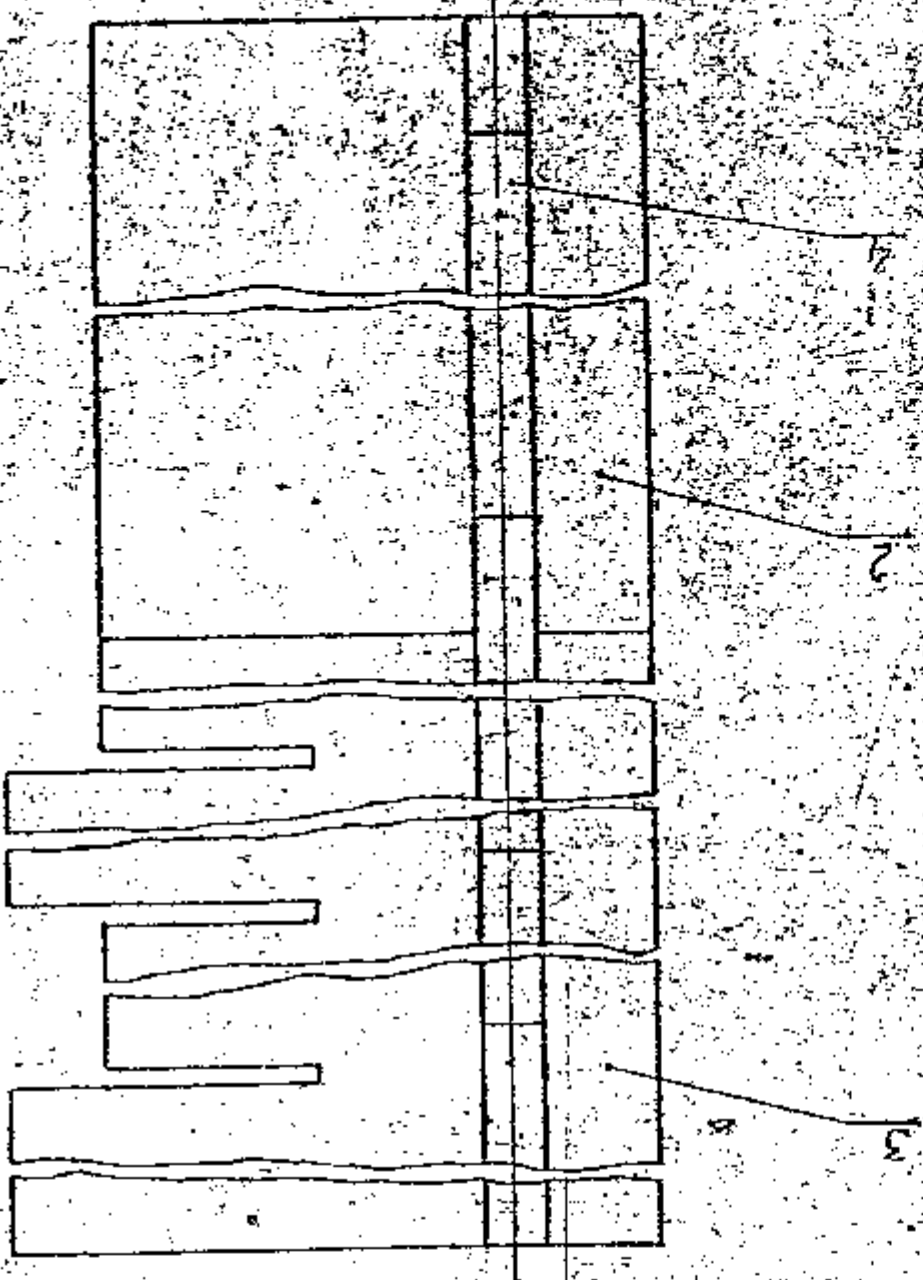
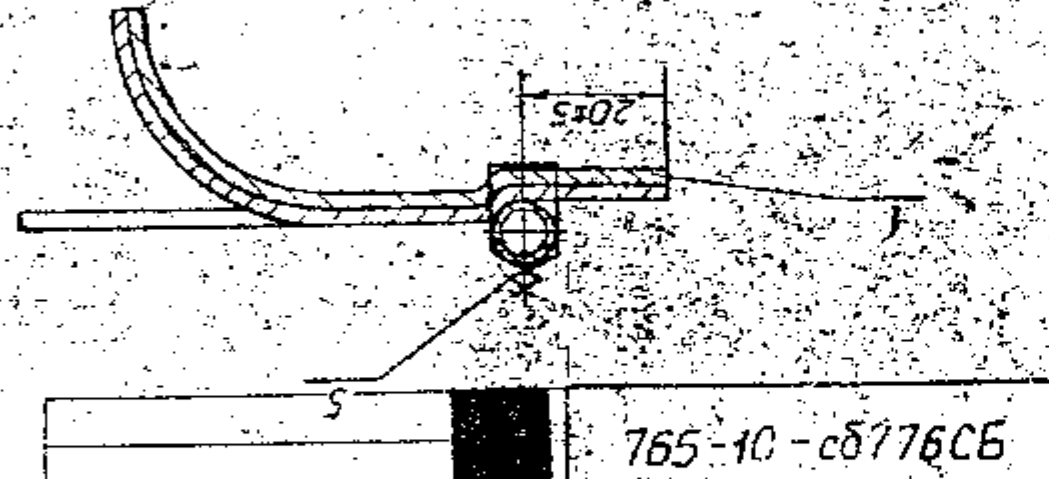
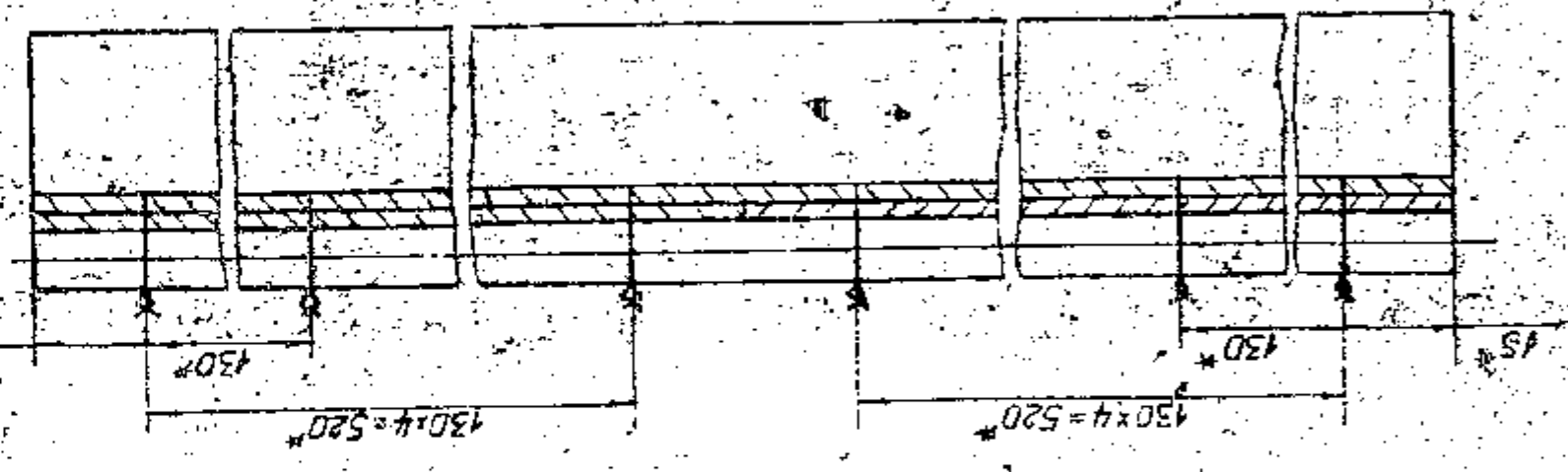
LINE NO	REF NO	DESIGNATION	DESCRIPTION	QTY	REMARKS
			Technical papers		
12		765 - 10 - cb776cb	Assembly Drawing		
			Paris		
11	1	765 - 10 - 2453 ✓	Gasket	1	
11	2	765 - 10 - 2454 ✓	Sheet	1	
12	3	765 - 10 - 2455 ✓	Sheet	1	
11	4	765 - 10 - 2459 ✓	Pipe	1	
		EQUIVALENT MATERIAL : MILD STEEL WIRE, GALVANISED 1mm DIA, 1/4 HARD TO IS: 280-78 UTS 37 kgf/mm ² (min)	Materials		
	(A) 5		Wire Ko1 GOST 792-67 l = 100 mm.	10	
			01025-1CV <i>[Signature]</i> 26.6.06 (B)		DS CAT No. ADDED & NOMENCLATURE WAS 'TIE ROD'
			00469-1CV <i>[Signature]</i> 14 SEP 94 (A) DCLY No 82006		EQUIVALENT MATERIAL ADDED FOR REF NO 5
			ISSUE		NATURE
					AMENDMENTS

APPROVED	<i>M VAEJ</i>	DS CAT No. LV2/ICVS 2540 - 006639	(B) 765-10-CB776	11
CHECKED	<i>[Signature]</i> R. S. KUMAR			117 of 332
CONTROLLERATE OF INSPECTION (ICV)		SUPPORT ASSEMBLY TIE ROD (B)		WEIGHT SCALE
				SHTS SHTS
				114

765-10-cb 776 cb

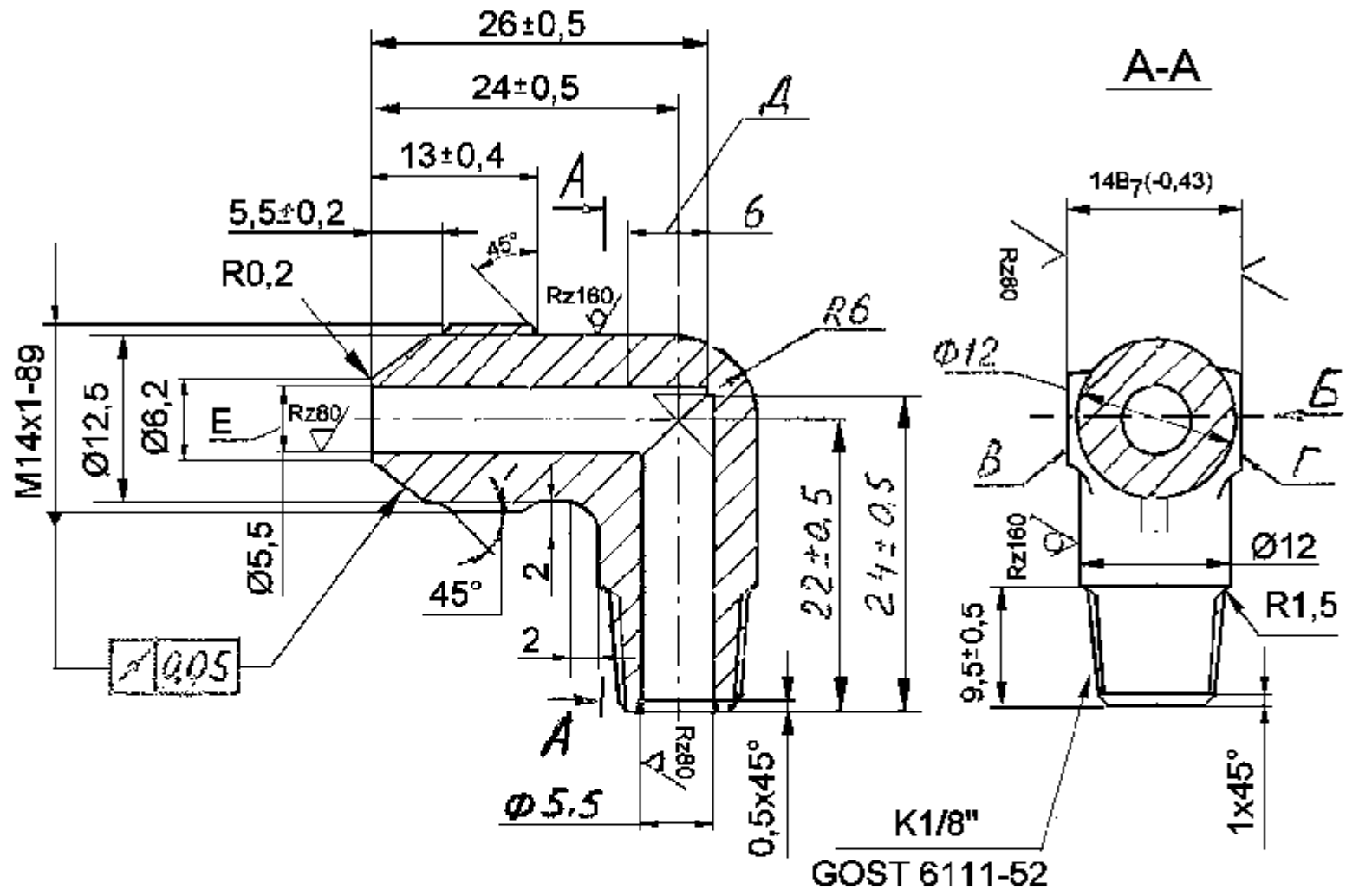
APPROVED	DATE	DESIGNER	DR. CAT. NO.
CHECKED	DATE	DESIGNER	DR. CAT. NO.
CONTROL RATE OF INSPECTION (ICV)			
SUPPORT ASSEMBLY		② THE ROD	
(Assembly drawing)		SHT	
WEIGHT SCALE		SHT	
1:1		0.656	
118 op		114	

- 1) * Dimensions are given for reference.
- 2) Do not check profile of parts Ref. No. 1 and 2.
- 3) Cut the part Ref. No. 1 as per slots of parts Ref. No. 3 width of cut should not exceed 2.0 mm.



765-10-cb 776 cb

765-10-cb 776 cb
 118 op
 114

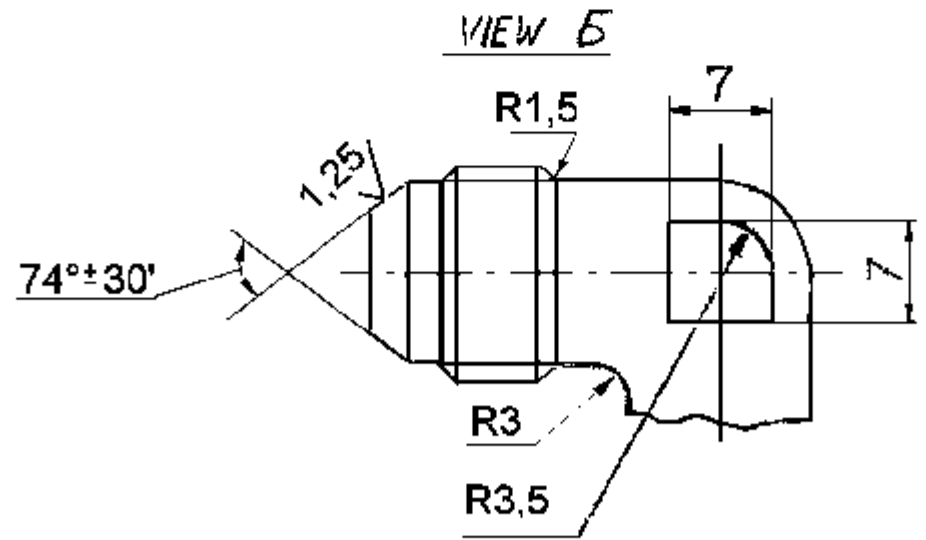


EQ. MATERIAL:- WROUGHT ALLOYED STEEL BILLET/BAR
C45, C52 OR 40 CK1 TO IS: 5517-69.

1) Unspecified limit deviations of dimensions are as follows:-
 for holes : as per A7.
 for shafts : as per B7.
 others : as per CM7.
 for angular dimensions } ± 1°

- 2) Other requirements placed upon forging are as per class II GOST 7505-74.
- 3) Coating: Zinc-plated, 9 microns thick, chromitized. Remove Hydrogen embrittlement. Internal surfaces may be free from coating.
- 4) Surface defects to a depth not exceeding 0.7 mm are allowed on unmachined surfaces.
- 5) Dents to a depth not exceeding 0.3 mm are allowed on unmachined surfaces B and F.
- 6) It is allowed to make the angle as per thickened dash dotted line.
- 7) Dimension E may be decreased by not more than 0.3 mm above tolerance on dimension A.

EQ. MATERIAL:- CLASS 4,4SC8 TO IS:2004-78

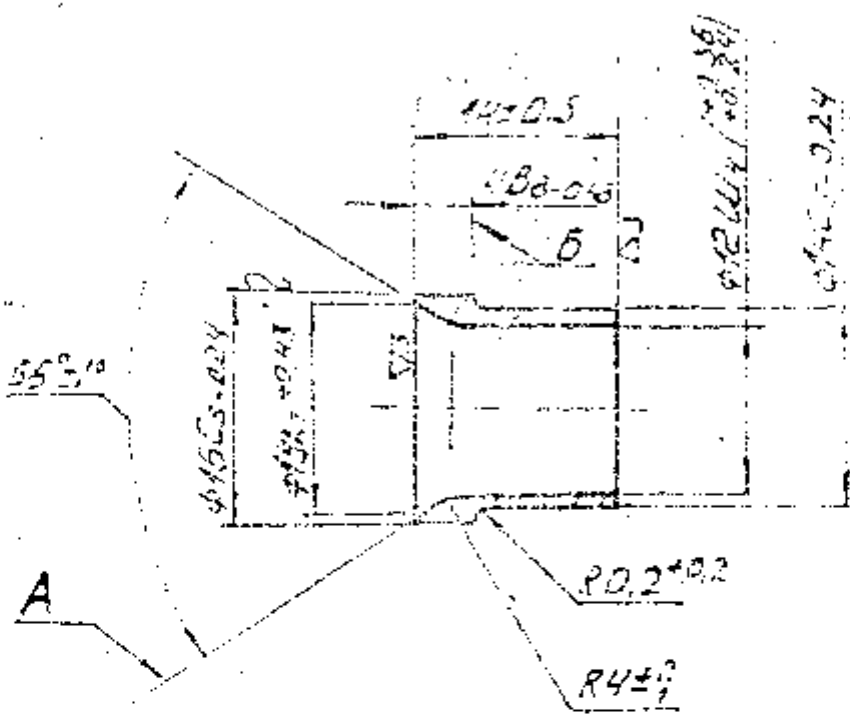


00837-ICV 4 OCT 00651-ICV	B [Signature]	EQ. MATERIAL ADDED.
[Signature] 29 OCT 98	A [Signature]	CLASS 4,4 SC8 TO IS:2004-78 ADDED AS EQ. MATERIAL
DCI No. & DATE	ISSUE	AMENDMENTS

APPROVED	M.VASU	765-78-65	
CHECKED	[Signature]		
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		ANGLE	
		STEEL 45, GOST 1050-74	
		WEIGHT	SCALE
		0.033	2:1
		SHT 1	SHTS 1

765-84-6

Unless otherwise specified



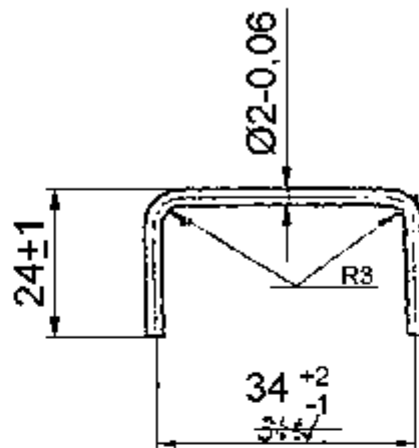
EQ. MATERIAL ADDED	NATURE AMENDMENT
STEEL 45C8Gr4, IS: 9550-80 ADDED AS EQUIVALENT MATERIAL (1/98 N of A)	EQ. MATERIAL AND ALTERNATE MATERIAL ADDED.
DATE: 30 MAR 98	ISSUE: 1
BY: V. Roman	BY: [Signature]
26. 4-2000	14. 8. 2000

- Ⓐ EQUIVALENT MATERIAL: STEEL BAR C 50 TO IS: 1570-61
- Ⓑ STEEL BAR C 45 TO IS: 2073-70
- Ⓒ ALTERNATE MATERIAL: STEEL BAR C 40 TO IS: 1570-61
- Ⓓ EQ. MATERIAL: STEEL BAR C-45 TO IS: 2073-70

1. Blunt sharp edges.
2. Run-out of surface A with respect to surface B should not exceed 0,05mm.
3. Alternate material is steel 40, GOST 1050-74.
4. Coating: Chemically parkerized, accelerated, chromated, impregnated with preservation, oil K-17, GOST 10877-76 as per Instructions 053.25289.00002 or with varnish KO-815 GOST 11066-74.

Ⓐ EQUIVALENT MATERIAL: STEEL 45C8Gr4, IS: 9550-80

APPROVED	[Signature]	765-84-6	
CHECKED	[Signature]	NIPPLE	
CONTROLLER AT F. OF INSPECTION (ICV)		WEIGHT	SCALE
		0,008	2:1
45 GOST 1050-60-74		SH1	SHTS
		63	OF 74



Technical specifications

1. Alternate material is low-carbon wire, GOST 17305-71, or wire KC, GOST 792-67.
2. Crumpling in corners of bending is allowed.

(A) EQ. MATERIAL: - M. S WIRE (BRIGHT DRAWN) ($\frac{1}{4}$ "H) TO IS: 280-78

00770-ICV	(A)	EQ. MATERIAL ADDED.
v. Revise	Chlorin	
04 APR 2000	ISSUE	AMENDMENTS

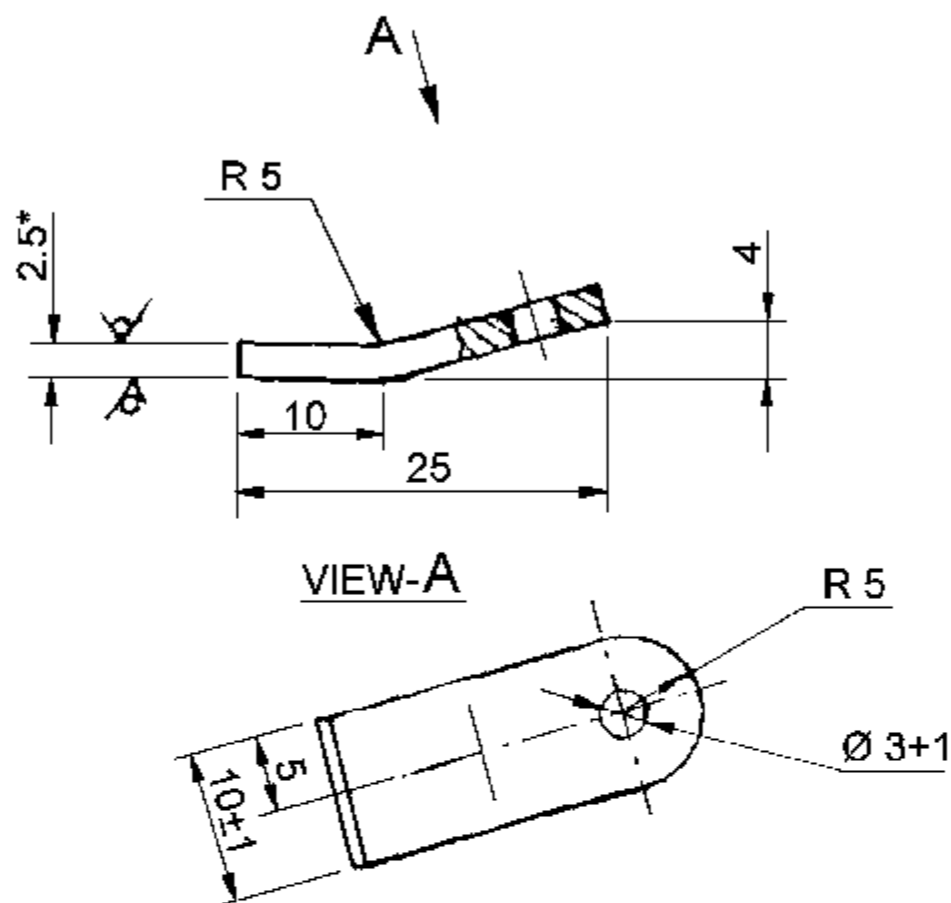
APPROVED	M. V. 0573	770-04-32		
CHECKED	H. M. Shewich			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	SHACKLE	WEIGHT	SCALE	
		0.003	1:1	
		SITT	SHTS	
	Wire 20.01 GOST 3282-74			

TECHNICAL CONDITIONS

1. ALTERNATE MATERIAL IS Cm2cn, Cm5cn GOST 380-71. AND STEEL 08nc, 10kn, 15, 20, 25 AND 30 GOST 1050-74.
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE ± 0.5mm.
3. * DIMENSION IS GIVEN FOR REFERENCE.

EQ. MATERIAL:- 1) GRADE Fe330 TO IS 1079-88 OR
 2) COLD ROLLED STEEL STRIP GRADE-D(1/2H) TO IS: 4030-73
 OR 3) GRADE Fe330 TO IS:5986-92

Ⓐ EQ. MATERIAL: CRS TO IS: 513-86 GRADE 'D'.



ALL DIMENSIONS ARE IN mm.

NEAREST EQ. MATERIAL		00849-ICV 16-01-2001	Ⓐ	EQ. MATERIAL ADDED.
SHEET 25, GOST 19903-74 4-n-10, GSOT16523-70		00825-ICV 31-10-2000		DRAWING REVISED AND RETRACED.
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	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON: 765-03-Sb154		
SCALE: 2:1	DATE: 30-10-2000	WT :- (Kg) 0.006		
DRN. [Signature]	TCD. [Signature]	KB-50-969 DS CAT No.		
CHD [Signature]	APPD [Signature]			
Ⓢ LUG FOR SEALING		CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)		