

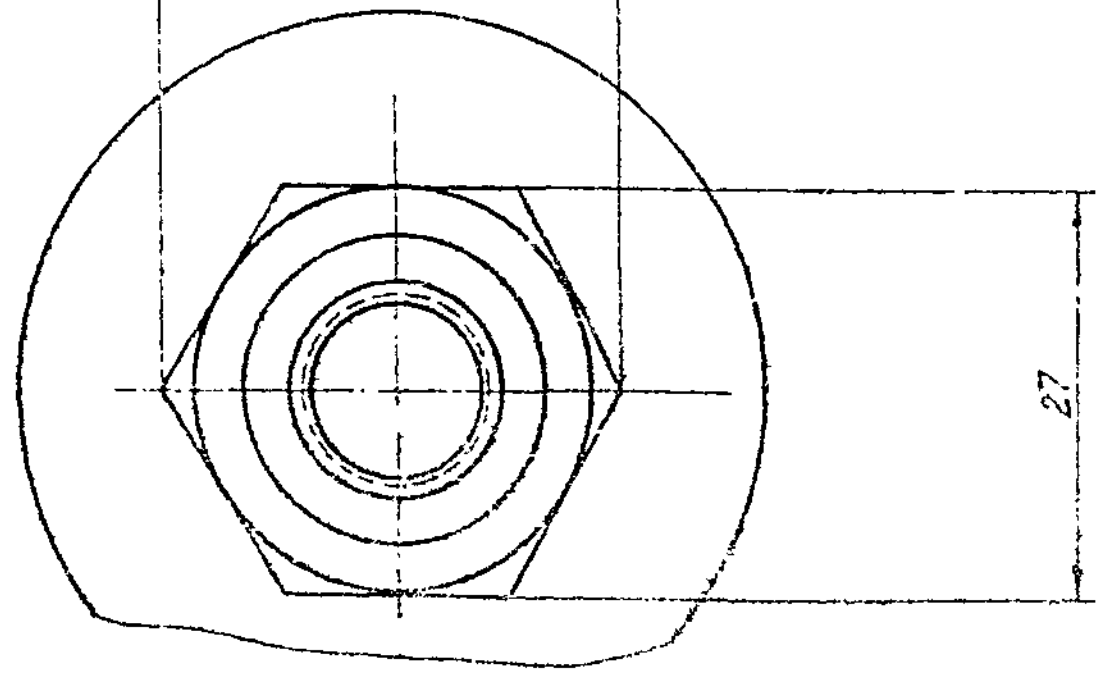
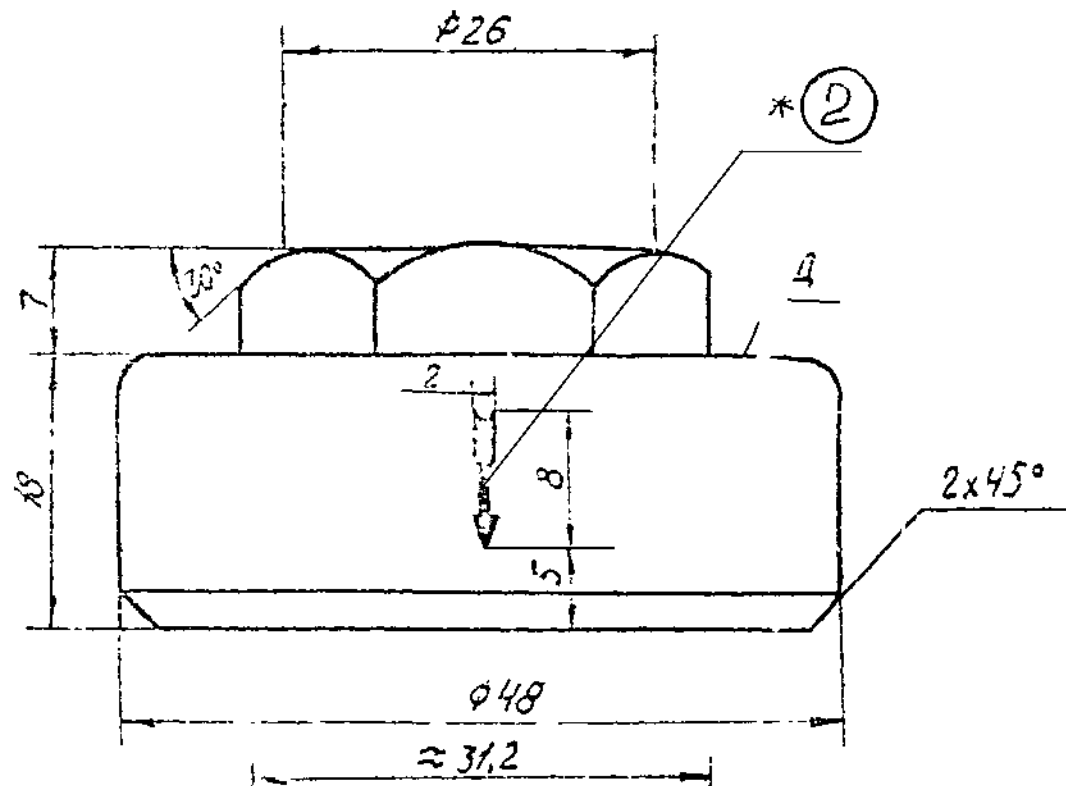
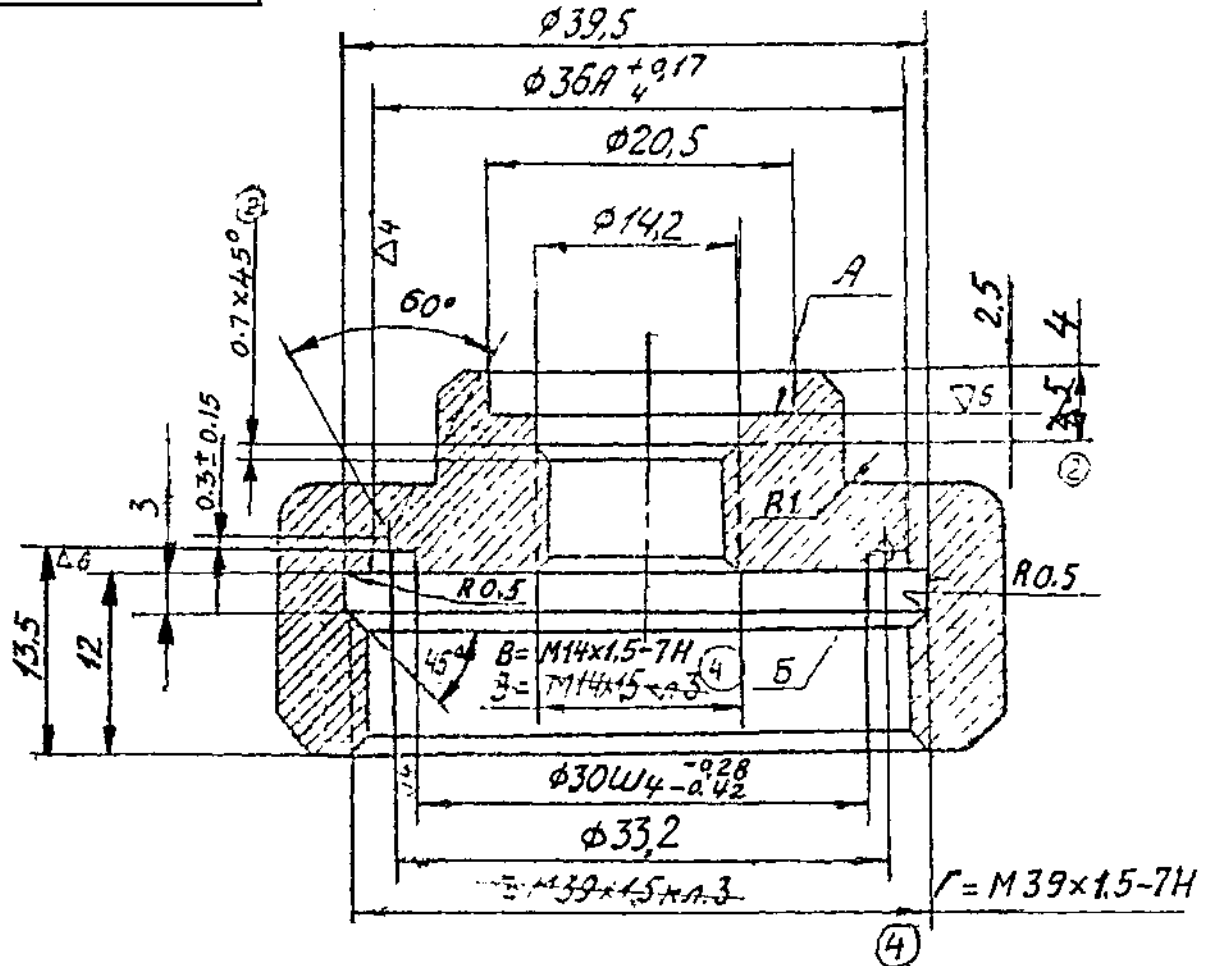
TECHNICAL CONDITIONS

- (1) 1. Blunt sharp edges
- * 2. Chamfer threaded hole up to outside diameter of thread at angle of 90°.
- 3. Maintain sizes without deviations against finish class 7 OCT 1010.
- 4. Misalignment of surface A relative to middle diameter of thread B should not exceed 0.05 mm.
- 5. Misalignment of surface F relative to middle diameter of thread B should not exceed 0.05 mm.

- 6. Coating: anodic oxidation with bichromate treatment. It is allowed to make chemical phosphatizing, blue.
- 7. Defects up to 0.3 mm on surfaces which are not machined are permissible.
- (A) EQ. MATERIAL: AL. ALLOY FORGING GRADE 24534 (W) TO IS: 734-75

00940-ICV 22 JUL 02 DC(I)No. & DATE	(A) ISSUE	EQ. MATERIAL ADDED.
		AMENDMENTS

APPROVED	<i>[Signature]</i>	218-001-k		
CHECKED	<i>[Signature]</i>			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	CASING		WEIGHT	SCALE
	Δ16 T GOST 4784-74		0.09	1:1
		SHT	SHTS	

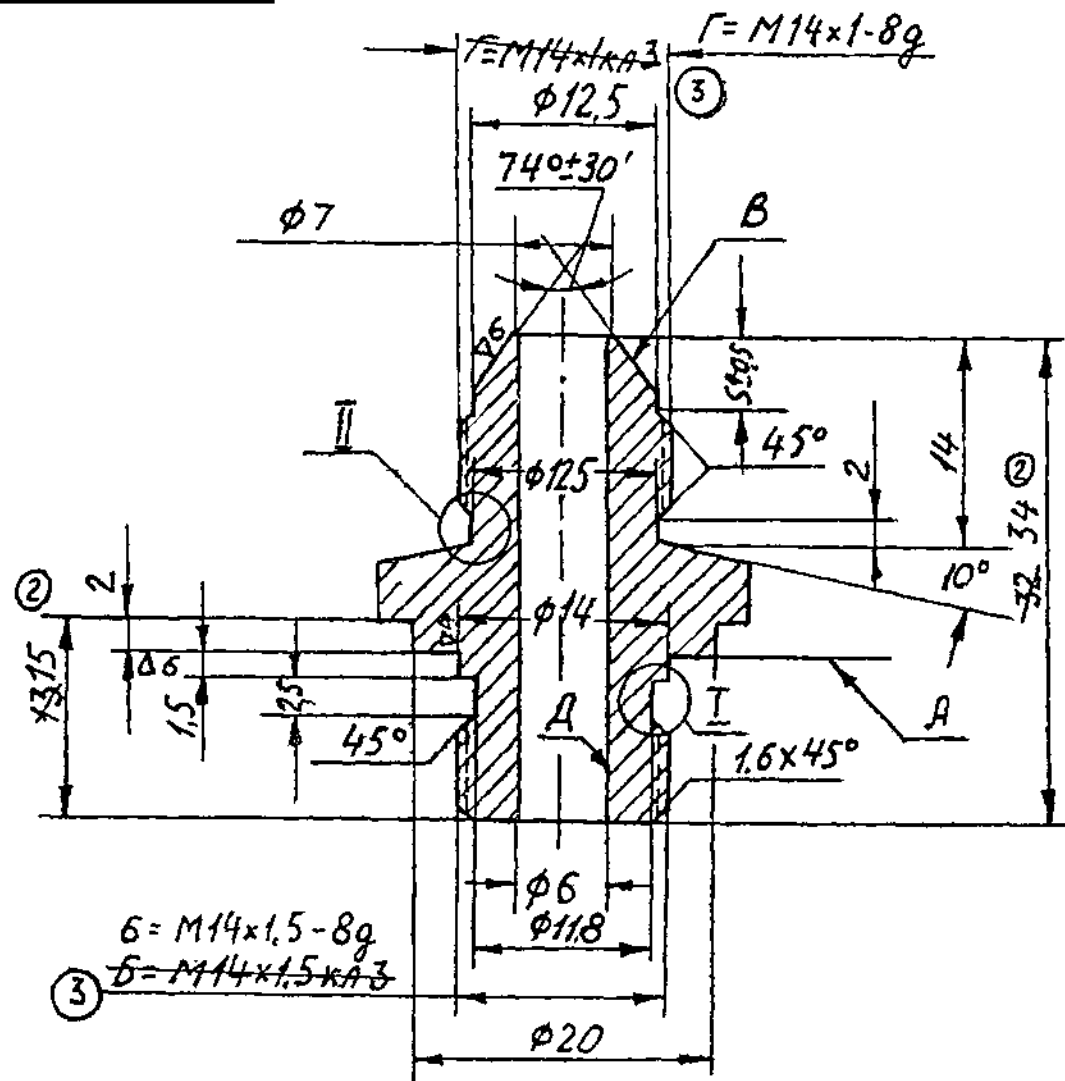


TECHNICAL CONDITIONS

- * (1) 1. Blunt sharp edges.
- 2. Maintain sizes without deviations against finish class 7 OCT 1010.
- (1) 3. Misalignment of surface A relative to middle diameter of thread B should not exceed 0.05 mm.
- 4. Misalignment of surface B relative to middle diameter of thread T should not exceed 0.05 mm.
- 5. Cuts up to 0.3 mm, maximum, on surface A are permissible.
- 6. Coating: anodic oxidation with bichromate treatment. It is allowed to make chemical phosphatizing, blue.
- * (2) Emboss or engrave arrow to depth of 0.5 mm. It is allowed to stamp arrow at height of up to 1 mm above part body.
- Ⓐ EQ. MATERIAL: ALUMINIUM ALLOY FORGING GRADE 24534 (W) TO IS: 734-75

EQ. MATERIAL ADDED	NATURE OF AMENDMENTS
Ⓐ	ISSUE
00940-ICV	DATE
22-07-02	

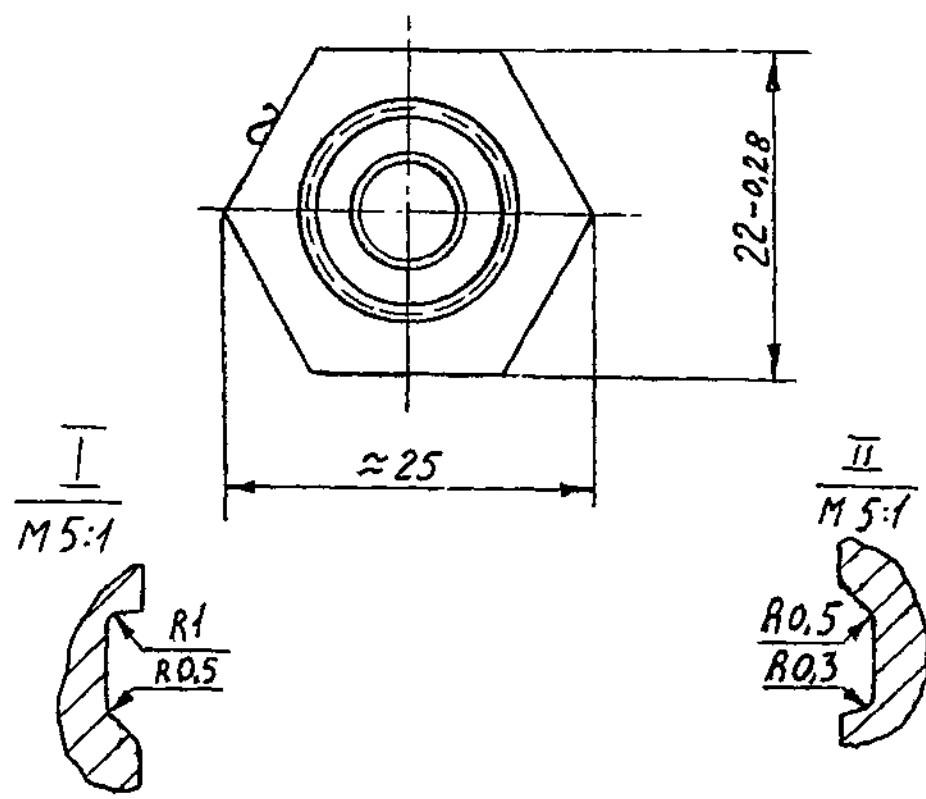
APPROVED	<i>[Signature]</i>	218-002A-K	
CHECKED	<i>[Signature]</i>		
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	COVER	WEIGHT	SCALE
		0.05	2:1
Δ 16T GOST 4784-74	SHT	SHTS	



TECHNICAL CONDITIONS

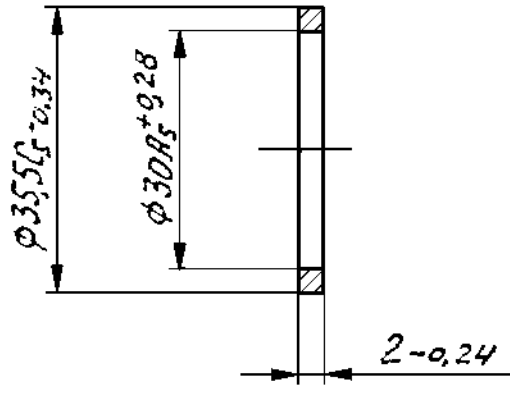
1. Blunt sharp edges
2. Maintain sizes without deviations against finish class 7 OCT 1010.
3. Non-perpendicularity of surface A relative to axis of thread B should not exceed 0.05 mm.
4. Misalignment of surface B relative to middle diameter of thread Γ should not exceed 0.05 mm.
5. Coating: Ц.9xp (zinc plating followed by chromate treatment). Eliminate pickle brittleness. Coating of surface II is not subject to checking.
6. Shoulder of 0.3 mm, maximum, on surface Д is allowed.

Ⓐ EQ.MATERIAL : STEEL BLACK BAR GRADE C45 TO IS:2073-70



00940-ICV	Ⓐ	EQ. MATERIAL ADDED.
270JUL 02	Issue	
DC(1)No. & DATE	ISSUE	AMENDMENTS

APPROVED	<i>[Signature]</i>	218-004A-K		
CHECKED	<i>[Signature]</i>			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	CONNECTION		WEIGHT 0.035	SCALE 2:1
	STEEL 45 GOST 1050-74		SHT	SHTS



TECHNICAL CONDITIONS

- 1. Burrs are not permissible
- (A) EQ. MATERIAL : SHEET ALUMINIUM 2mm THICK (ANNEALED)
GRADE 19500 TO IS: 737-74.

00940-ICV <i>Shh</i>	(A) <i>Shh</i>	EQ. MATERIAL ADDED.
22 JUL 02	ISSUE	AMENDMENTS

APPROVED *[Signature]*
 CHECKED *[Signature]*
 CONTROLLERATE
 OF
 QUALITY ASSURANCE
 (ICV)

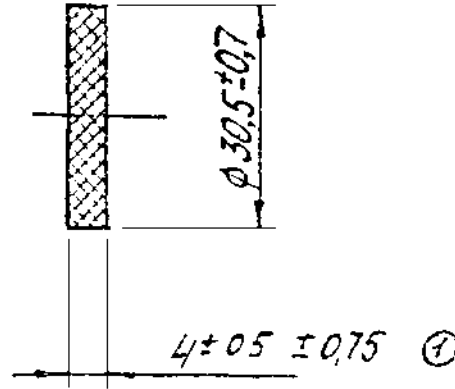
218-006-K

GASKET

	WEIGHT	SCALE
	0.0013	1:1
SHT	SHTS	

218-007-K

Восстановленный подлинник № 1



APPROVED *[Signature]*

CHECKED *[Signature]*

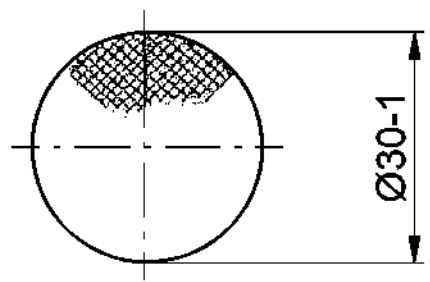
CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

218-007-K

FILTER

FELT TØ4 GOST 288-72

	WEIGHT	SCALE
	0.0025	1:1
SHT	SHTS	



1 Допускается выпадание крайних проволочек не более 1 шт. с каждой стороны.

TECHNICAL CONDITIONS

(1) Fall out of outer wires of not more than 1 pc from each side is allowed.

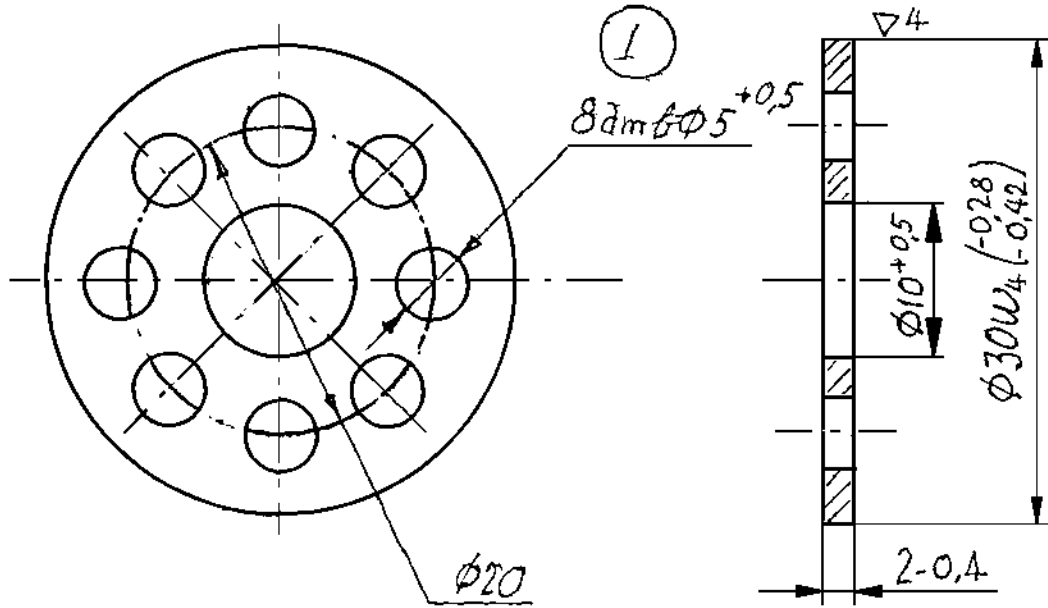
(A) EQ. MATERIAL : BRASS WIRE CLOTH Cu 70 Zn 30 TO IS:2405-80, WIRE $\varnothing 0.28mm$ APERTURE SIZE 0.71mm.

00940-ICV <i>File</i> 22 JUL 02 DC(I)No. & DATE	(A) Dany. ISSUE	EQ. MATERIAL ADDED.
		AMENDMENTS

APPROVED *[Signature]*
 CHECKED *[Signature]*
 CONTROLLERATE
 OF
 QUALITY ASSURANCE
 (ICV)

218-008-K		
STRAINER	WEIGHT	SCALE
	0.0035	1:1
	SHT	SHTS
Low-brass net 07 GOST 6613-73		

218-009-K



* ②

TECHNICAL CONDITIONS

- * (1) Eight holes, dia. $5^{+0.5}$
- * (2) 1. Misalignment of axes of holes from nominal position should not exceed 0.5 mm.
- 2. Coating: anodic oxidation.

(A) EQ. MATERIAL: ALUMINIUM SHEET GRADE 55000 TO IS: 737-44
CLADED WITH ALUMINIUM AS PER IS: 8560.

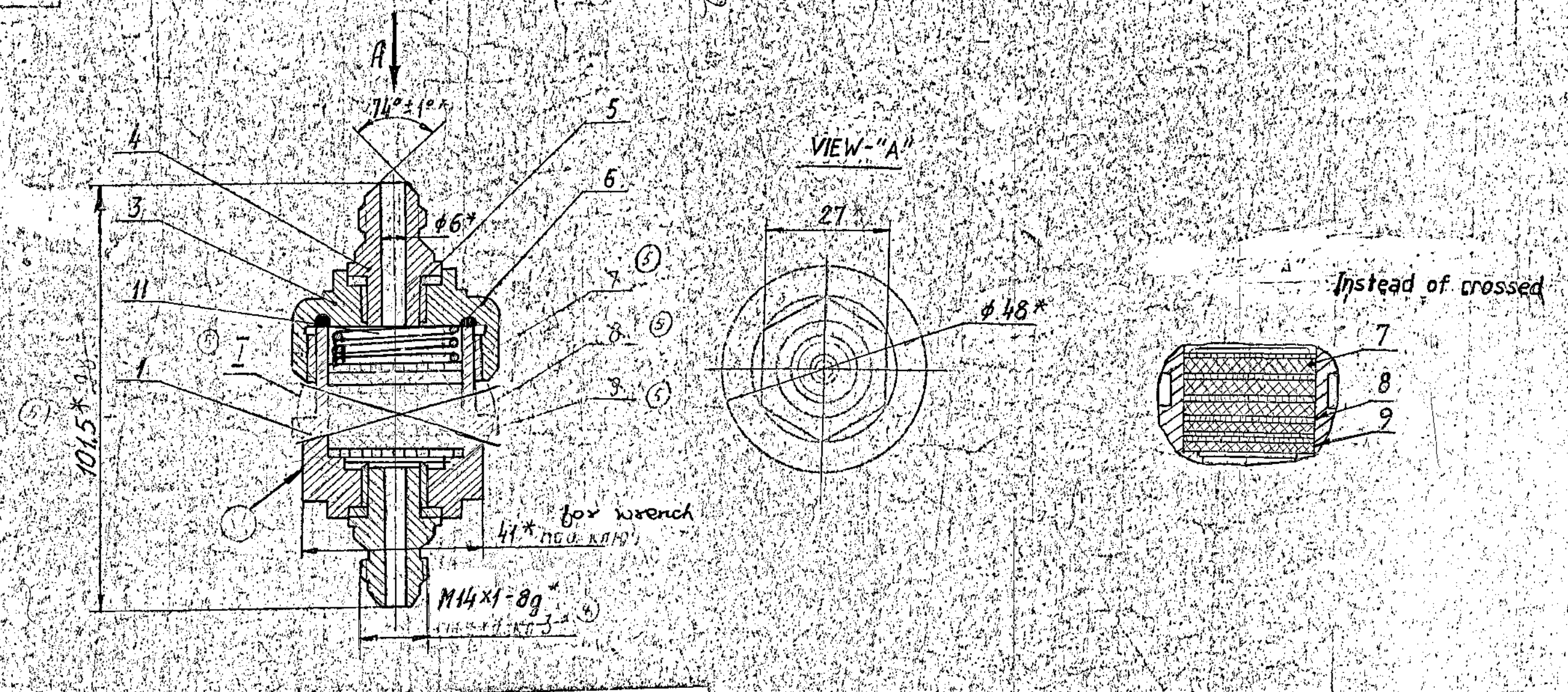
00940-ICV <i>SH</i>	(A)	EQ. MATERIAL ADDED
22-07-02	<i>BOB</i>	
DC(1) No. DATE	ISSUE	NATURE OF AMENDMENTS

MATERIAL :- SHEET AMF-66M GOST-21631-76

ALL SHARP EDGES & CORNERS TO BE BOUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED	TOLERANCE ON DIMENSIONS UNLE -SS OTHERWISE SPECIFIED	USED ON:-
SCALE :- 2:1		
DATE :- 19-06-95		
DRN. <i>M. K. Singh</i>	WT :- (Kg) 0.003	
TCD. <i>M. K. Singh</i>		
CHD. <i>SH</i>		
APD. <i>Bob</i>		
	GRID	
	218-009-K	

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

218-K



1. Lubricate the threaded joints of parts 216-001-K, 218-004A-K & face of the part 218-006-K with lubricant ЦМТИМ-201 GOST 6267-74 or similar as per TY38.YCCP 201-285-82.

4. Supply the filter in compliance with TECHNICAL SPECIFICATIONS TY 218-K.

5.*Dimensions are given for reference.

2. Test the air filter for air tightness by blowing air from the side as indicated by the arrow at pressure $150 \pm 10 \text{ kg/cm}^2$ in the bath, containing 0.5% chromesolution, for two minutes. Air bubbles are not allowed. After testing, cover the pipe connections with plug 672-78-80.

3. Mark the conventional ordinal number & letter on filter. It is allowed to mark on the part 218-001-K. Letters are as per 2.5 GOST 2930-62.

Ref. No.	Designation	Description	Qty.	Remarks
5	700-40-196	Gasket	2	
	672-78-80	Plug	2	While delivering unit
	LV2/ICVS.5340 159767	STOPPER SPECIAL (-R&F, DC(3) No. 01047-1CV)		to store
11	11C-2x29x18	Spring	1	Standard 66 NH-72
9	218-009-K	Grill	1	
8	218-008-K	STRAINER	6	
7	218-007-K	Filter	4	
6	218-006-K	Gasket	1	
4	218-004A-K	Pipe connections	2	
3	218-002A-K	Cover	1	
2				
1	218-001-K	CASING	1	

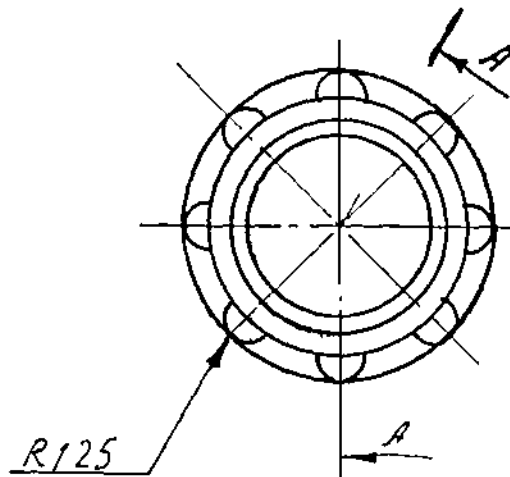
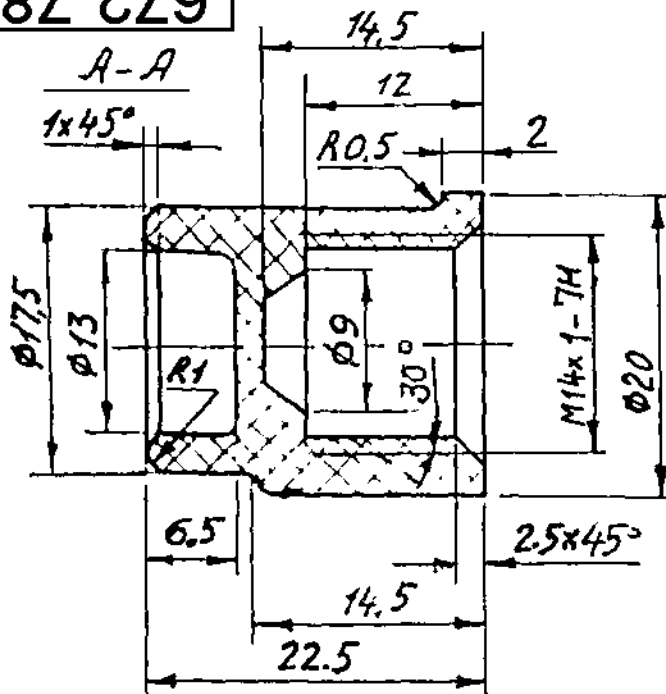
01023-1CV	(A)	DS CAT NO. ADDED AND NOMENCLATURE WAS 'AIR FILTER'
26-06-06	ISSUE	NATURE OF AMENDMENT

KVD
65900

MATERIAL		
ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON:-
SCALE :- 1		765-78-C66
DATE :- 20-6-95		
DRN. VDP	WT :- (kg)	(A) 218-K
TCO		DS CAT PART No. LV2/ICVS.2940-003789
CHD		FILTER AIR INTAKE AIR FILTER (A)
APD		

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

08-81-719



1. Shrinkage cavities, cavities, cold joint and short-runs are not allowed
2. Unspecified limit deviations of dimensions are as follows for holes-as per A7, for shafts-as per B7, for others as per $\pm 1/2$ of tolerance class B.
3. Unspecified radii should not exceed 2 mm.
4. Drafts should not exceed 2°
5. Fin, along the parting lines of mould should not exceed 0.3 mm.
6. Plug may be made from polyethylene of different colours, grades and secondary polyethylene.
7. Foreign inclusions and hue are allowed
8. Dimensions except for thread are given for tool.

01047-ICV	(A)	DS CAT PART No. ADDED AND NOMENCLATURE WAS "PLUG".
18-04-07		
DC(I)No. & DATE	ISSUE	AMENDMENTS

APPROVED *[Signature]* M VASU

CHECKED *[Signature]*

CONTROLLERATE
OF
QUALITY ASSURANCE
(ICV)

672-78-80

~~PLUG~~ (A)
STOPPER SPECIAL

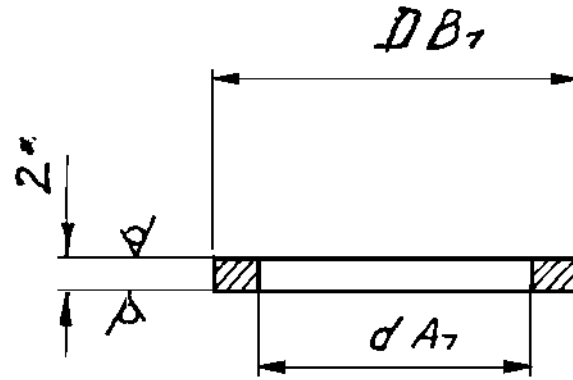
POLYTHYLENE 21006-075
GRADE-i, GOST 16338-77

DS CAT PART No. (A)
LV2/ICVs 5340-159767

WEIGHT	SCALE
0.005	2:1

SHT 1 SHTS 1

A2320
V(M)



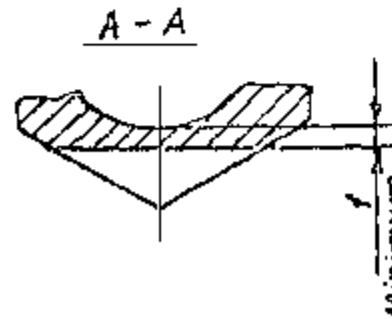
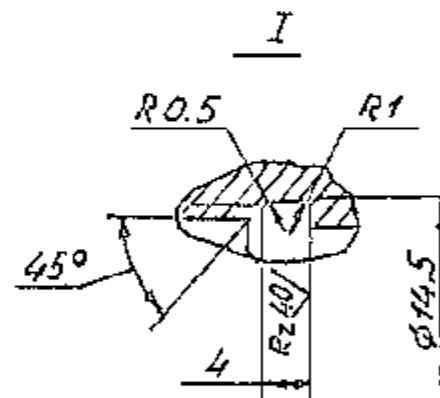
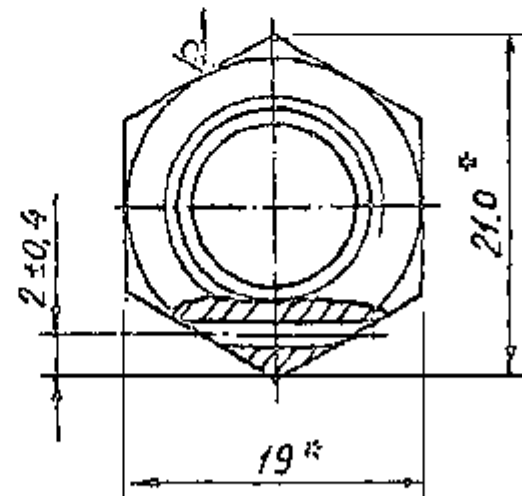
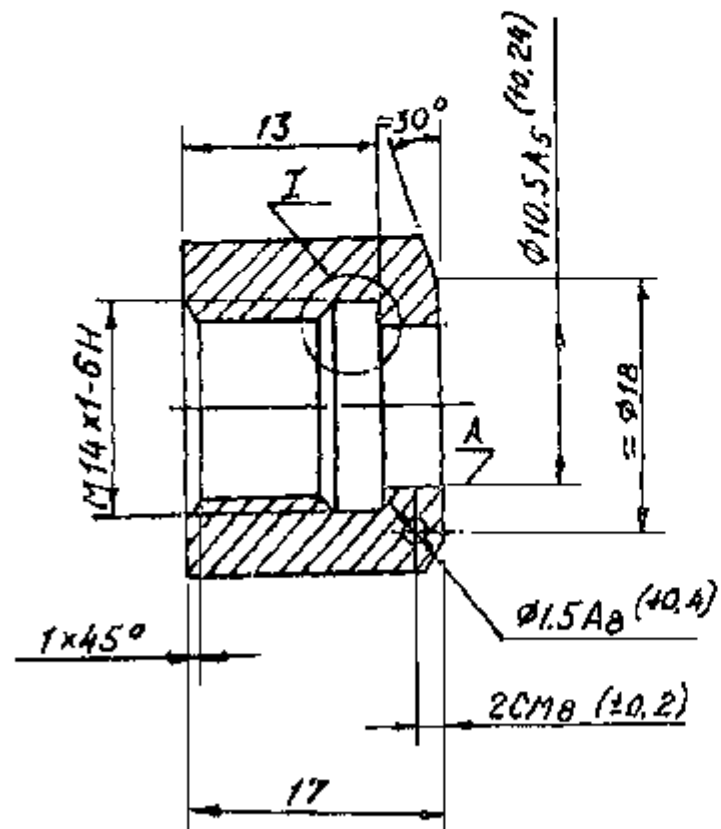
- 1) Notches and nicks are not allowed, on faces
- 2) * Dimensions are given for reference
- 3) Equivalent material: Aluminium alloy sheet
 - (A) Grade 19500 condition 'O' to IS: 737-74.
 - (C) EQ. MATERIAL:- GRADE-19800 TO IS: 737-74.

00898-ICV 21 AUG 01 M.P.S. Gur	©	EQ. MATERIAL ADDED. FOR 700-40-196
00800-ICV 01 AUG 00 v. Ramo S Gur	Ⓑ	DS CAT NUMBER ADDED.
00455-ICV 24 AUG 94 B.S. J.S.	Ⓐ	NOTE No.3 FOR EQUIVALENT MATERIAL ADDED.
DC(I)No. & DATE	ISSUE	AMENDMENTS

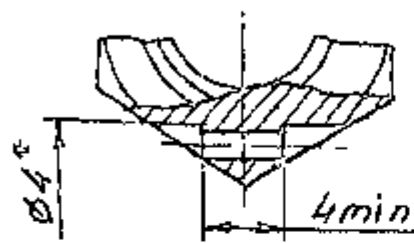
APPROVED	M.VASU	700-40-196/203		
CHECKED	A.S.K. DSKUMAR			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	GASKET STEEL A11M GOST 21631-76		WEIGHT	SCALE
			SEE TABLE	1:1
			SHT	SHTS

TECHNICAL CONDITIONS

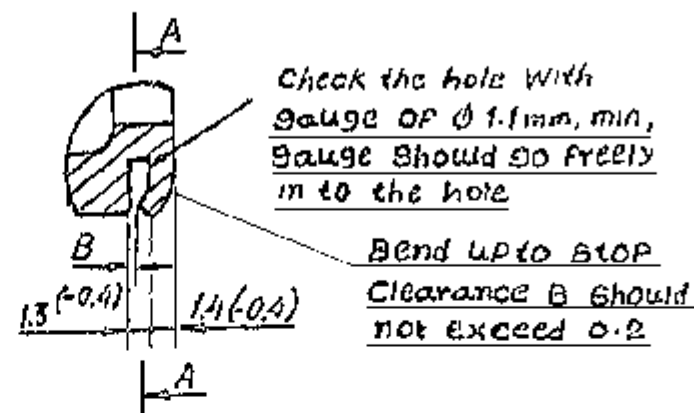
1. ALTERNATE MATERIAL IS STEEL 25, 30, 35 AND 40 GOST 1050 - 74
2. UNSPECIFIED LIMIT DEVIATIONS OF DIMENSIONS ARE AS FOLLOWS :
FOR HOLES - AS PER A7, FOR SLAFT - AS PER B7 AND FOR THE REST AS PER CM7
3. DISPLACEMENT OF SURFACE 'A' WITH RESPECT TO THREAD SHOULD NOT EXCEED 0.2 MM.
4. * DIMENSIONS ARE GIVEN FOR REFERENCE.
5. COATING ZINC - PLATED, 9 MICRONS THICK CHROMATIZED, REMOVE HYDROGEN EMBRITTLEMENT COATING ON INTERNAL SURFACE NEED NOT BE CHECKED.
6. ROD WITH MINIMUM DIAMETER OF 1 MM SHOULD PASS THROUGH HOLE 5



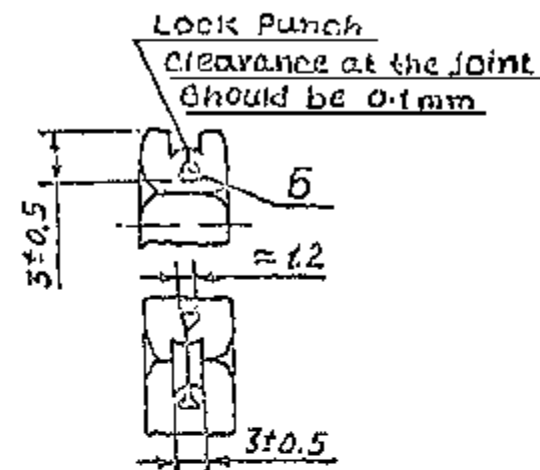
ALTERNATE-1



ALTERNATE-2



ALTERNATE-3



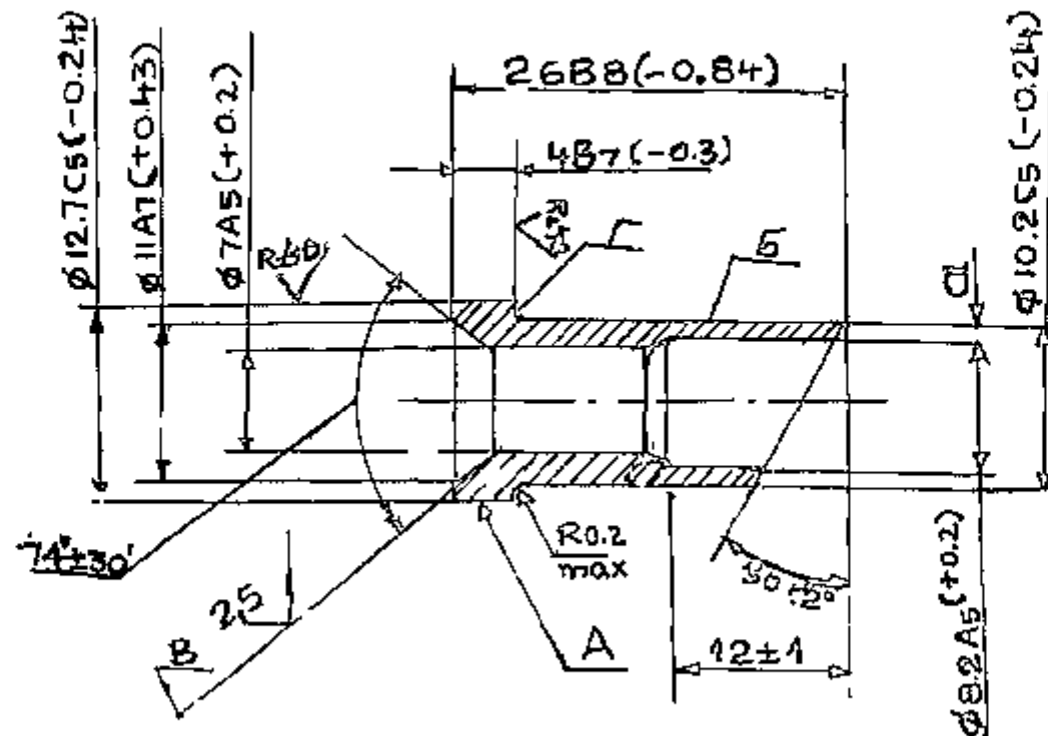
EQUIVALENT MATERIAL - IS 45 C8 Gr 2 to IS 9550 - 80

EQUIVALENT MATERIAL - CLASS 4 TO IS. 2004 - 78

EQUIVALENT MATERIAL :- (a) STEEL BAR C 45 TO IS : 2073 - 70
OR EN 8 TO BS. 970 OR EN-8 / EN 9.

EQUIVALENT MATERIAL - CARBON STEEL C 50, C 46, C 30, C 25 TO IS 1570 - 61

NEAREST EQ. MATERIAL		00951-JCV	DRAWING REVISED & RETRACED.
HEXAGON BAR 19.5, GOST 8560-78 45-B, GOST 1051-73		18-11-02 DC(No. & DATE)	
ORGL MATERIAL:-		ISSUE	AMENDMENTS
ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF		ALL THREADS TO CONFORM TO SPECIFICATION	
DRG. NOT TO BE SCALED		STAMP OR ETCH, PART No. MANUFACTURER'S NAME & YEAR OF MFR.	
SCALE: 2:1		TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	
DATE: 18-11-02		USED ON:	
DRN. MS hdd	WT :- (Kg)	700-30-241 UNION NUT	
TCD. MS hdd	0.023		
CHD. MS hdd			
APPD. MS hdd			
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)			



1. ALTERNATE MATERIAL IS STEEL 15, 20, 25 GOST 1050 -74 AND 15Г, 20Г GOST 4543 -71.
2. THE FOLLOWING ARE ALLOWED WITH RESPECT TO SURFACES A AND B MACHINED FROM ONE SETTING.
 - a). RADIAL RUN - OUT OF SURFACE B SHOULD NOT EXCEED 0.15 mm. (QUALIFIED TOLERANCE)
 - b). END - PLAY OF SURFACE C SHOULD NOT EXCEED 0.06 mm
3. DIFFERENCE IN MEASUREMENTS OF DIMENSIONS A SHOULD NOT EXCEED 0.2 mm.

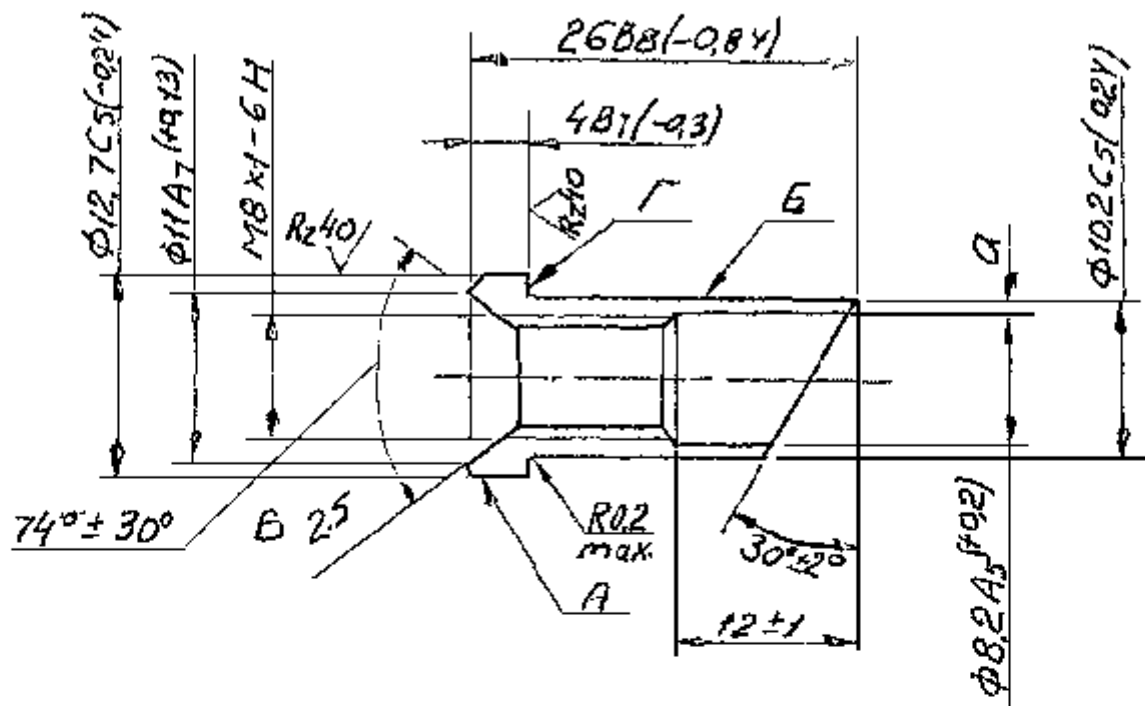
- EQ. MATERIAL :-
- i) STEEL TO IS: 7283-74 (MATERIAL AS PER IS : 226-75)
 - ii) MATERIAL 10 C4 TO IS: 9550-80 Gr I OR
 - iii) CLASS I A GRADE 15 C8 TO IS, 2004 - 78 OR
 - iv) STEEL BAR C10 OR C14 OR C15 Mn 75 OR C20 OR C25 Mn 75 OR C30 TO IS: 2073 - 70. OR
 - v) STEEL BAR C14 TO IS: 2073 - 70. OR
 - vi) STEEL BAR C15 Mn 75, C20 TO IS: 2073 - 70. OR
 - vii) STEEL BAR C25 Mn 75, C30 TO IS: 2073 - 70

00883-ICV
 R. Y. Sharma
 01-06-2001
 DC(I) No. & DATE

DRAWING REVISED AND RETRACED

ORGL MATERIAL:- STEEL 10 GOST 1050-74		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: 785-78-Sb312, 785-10-Sb565, 785-08-Sb422, 785-05-Sb427, 875-04-Sb103, 875-05-Sb136, 875-10-Sb108	
SCALE: 2:1	DATE: 01-06-2001	<h1>NIPPLE</h1>	
DRN. R. Sharma	WT :- (Kg) 0.007		
TCD. R. Sharma		<h2>700-57-403</h2>	
CHD. R. Sharma			
APPD. R. Sharma		DS CAT No.	
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)			

NOTE: ALL DIMENSIONS ARE IN mm



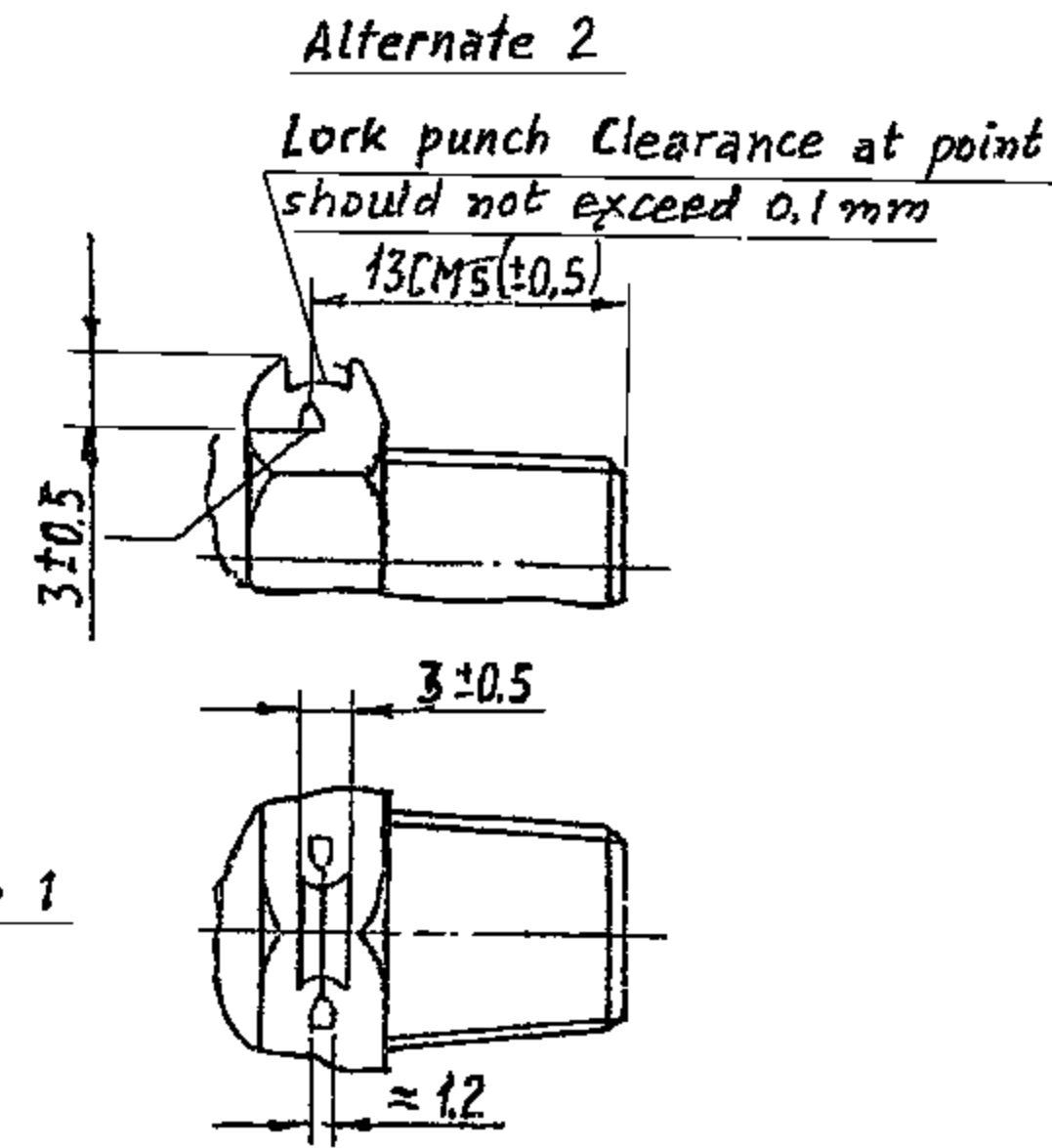
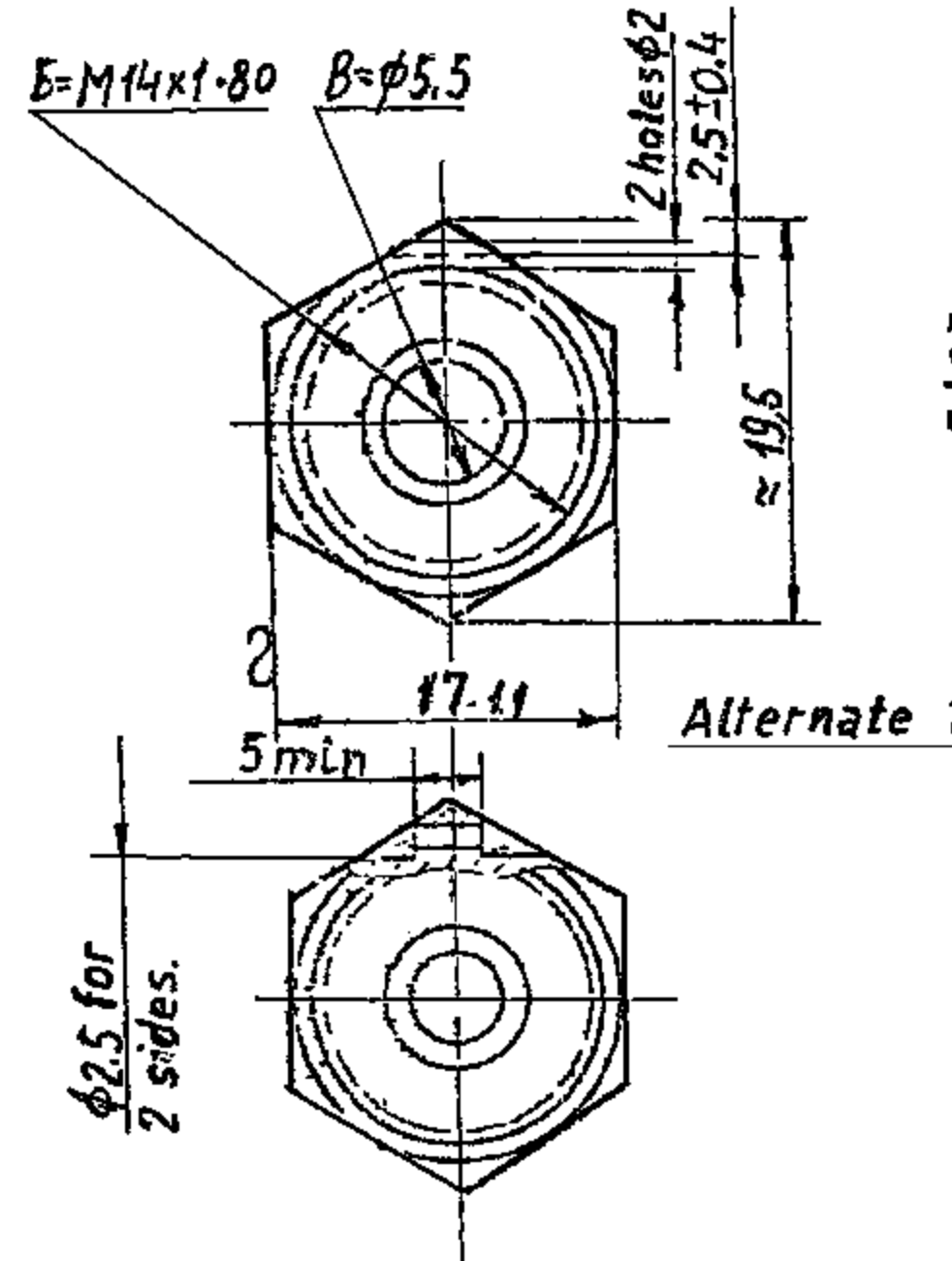
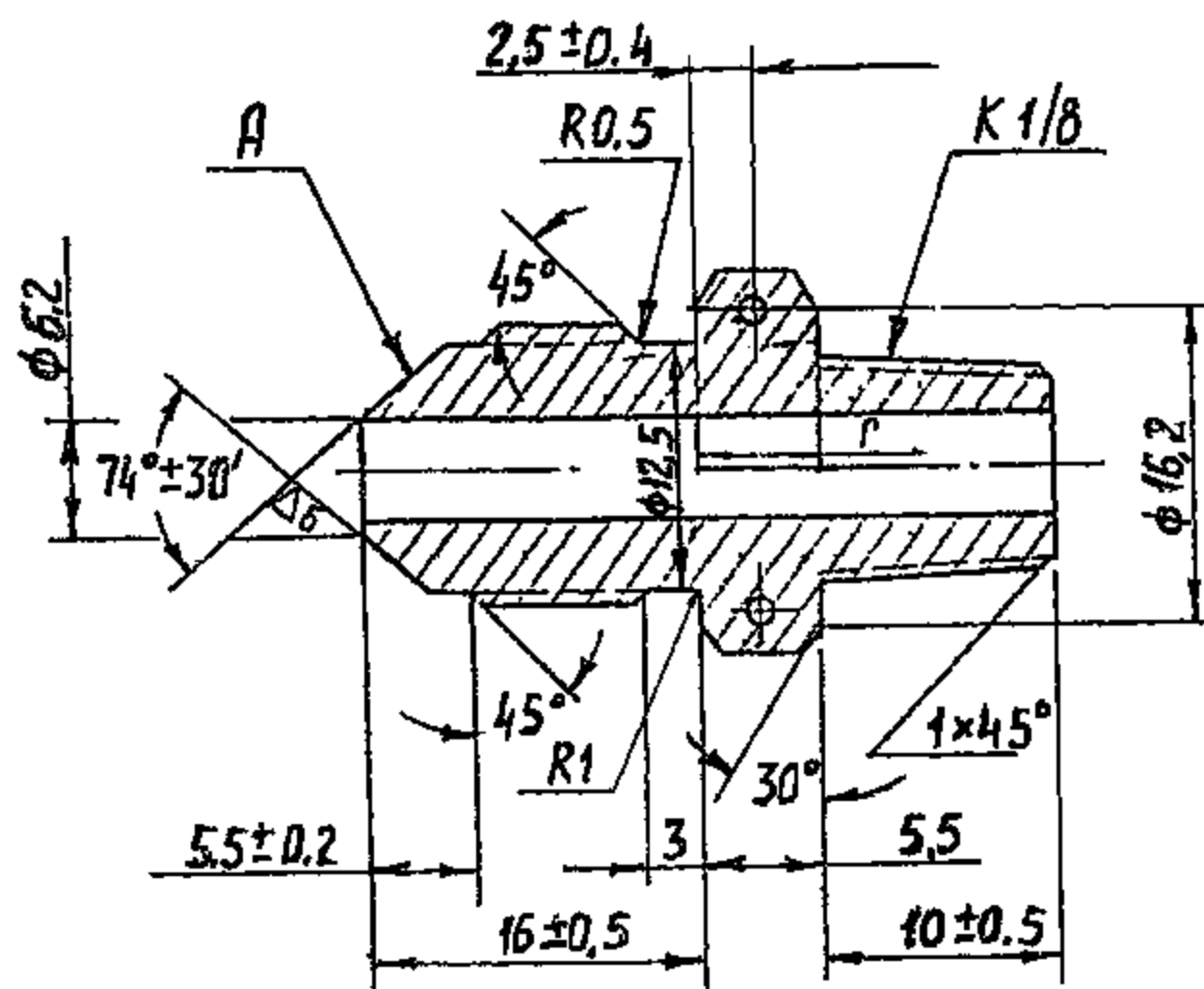
00635- V. 2000- 01 9-98 DECISION	ISSUE	NATURE AMENDMENT
(A)	STEEL TO IS: 7283-74 (MATERIAL AS PER IS: 226-75) MATERIAL 10 C4 TO IS: 9550-80 GY I MATERIAL 10 C4 TO IS: 9550-80 GY I	

APPROVED	W. V. 2000	DATE	2.10.2000
CHECKED	H. N. Shrivastava	DATE	
NATURE OF AMENDMENTS		EQ. MATERIAL ADDED	

1. Alternate material is steel 15, 20, 25 GOST 1050-74 and 15Г, 20Г GOST 4543-71.
2. The following are allowed with respect to surfaces A and B machined from one setting:
 - a) radial run out of surface B should not exceed 0.15mm.
 - b) end play of surface Γ should not exceed 0.06mm.
3. Difference in measurements of dimension "a" should not exceed 0.2mm.

- (A) 4. EQ. MATERIAL: STEEL TO IS: 7283-74 (MATERIAL AS PER IS: 226-75)
 II. MATERIAL 10 C4 TO IS: 9550-80 GY I
- (B) EQ. MATERIAL - STEEL BAR C14 TO IS: 2073-70
 ALT. MATERIAL - (i) STEEL BAR C15 M75, C20 TO IS: 2073-70
 (ii) STEEL BAR C25 M75, C30 TO IS: 2073-70.

APPROVED	W. V. 2000	700-57-404		
CHECKED	H. N. Shrivastava			
CONTROLLERATE OF QUALITY ASSURANCE (ICV)	NIPPLE		WEIGHT	SCALE
			0.007	2:1
			SHT	SHTS
STEEL 10 GOST 1050-74				

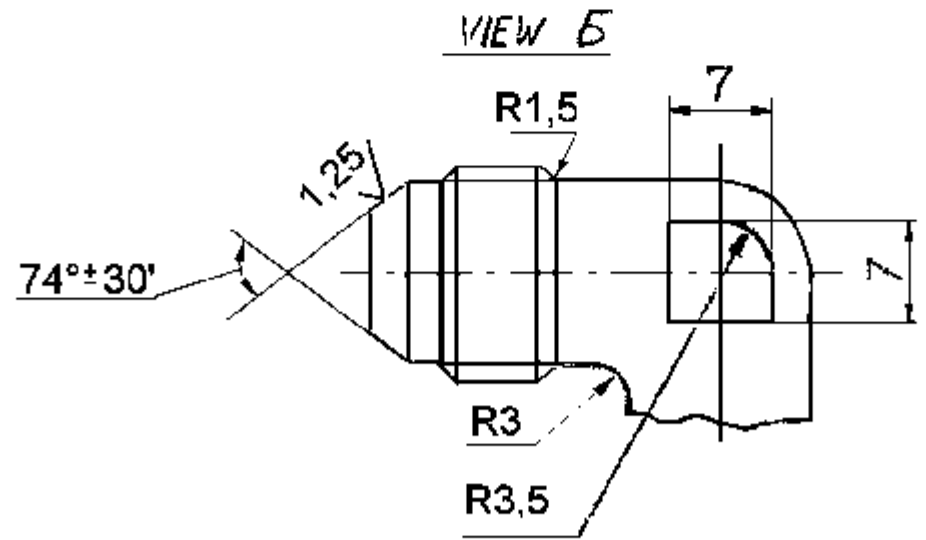
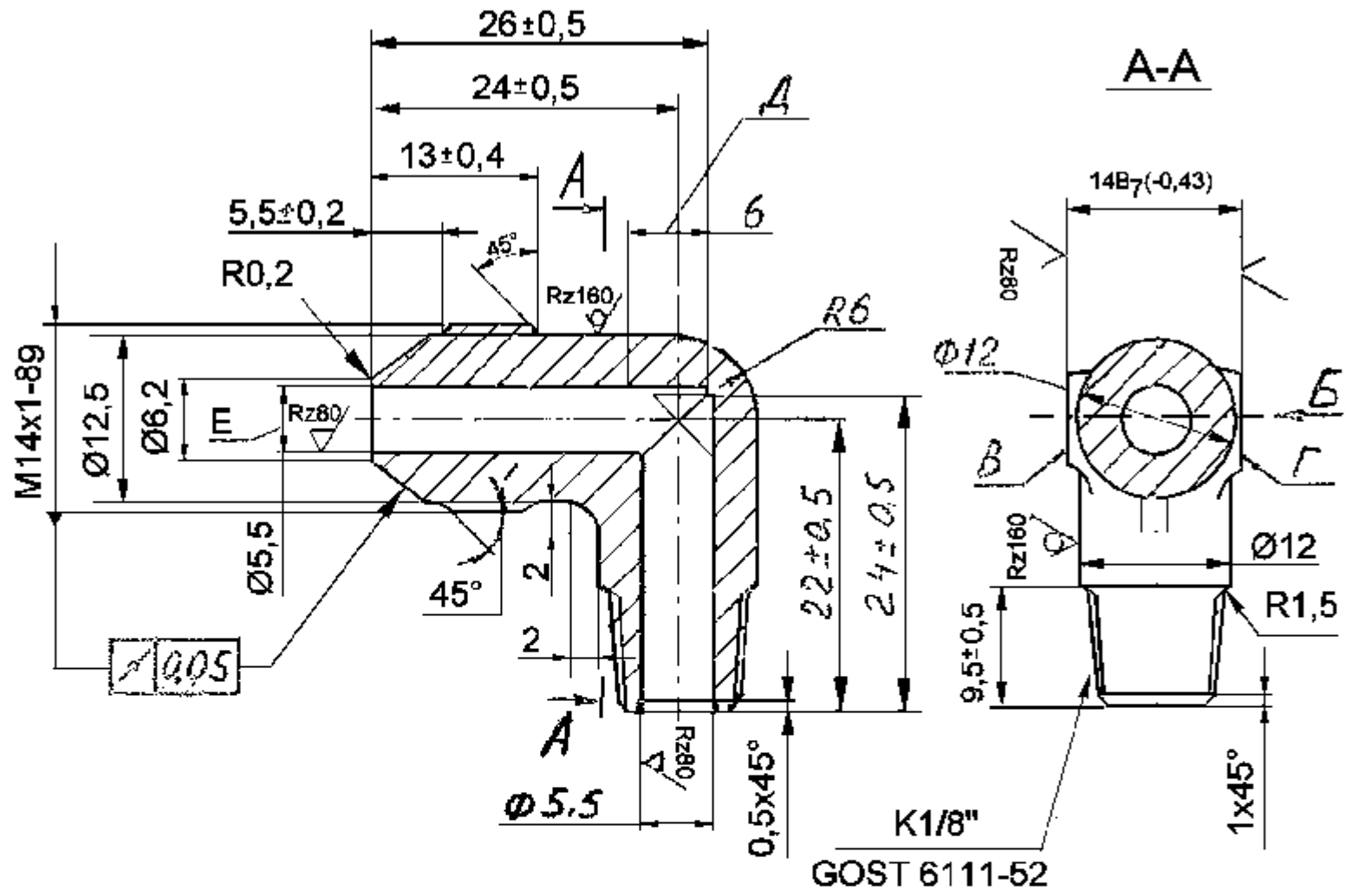


1. Blunt sharp edges.
2. Run out of surface A with respect to angle diameter of thread B should not exceed 0.05 mm.
3. Perform dimensions without deviations as per accuracy class 7, OST 1010.
4. Coating: Zink-plated, 9 microns thick, chromated. Remove hydrogen embrittlement. Do not check coating on inner surfaces.
5. Misalignment of axes not exceeding 0.5 mm is allowed on section F when hole B is machined on 2 sides.
6. Rod not less than 1 mm in diameter, should pass through hole D.

- (A) EQ. MATERIAL CLASS 4 (45 CB) IS. 2004-70
- (B) EQ. MATERIAL:- STEEL BAR GY 3 TO IS: 9550-80
- (C) EQ. MATERIAL:- HEX. BAR C 45 TO IS: 2073-70 OR
- (D) C 45 TO IS: 1570.

DC(1) No. DATE	ISSUE	AMENDMENTS
01019-ICV 24 APR 06	(E)	DS CAT PART No. ADDED AND DESCRIPTION WAS UNION.
00905-ICV 25-09-01	(D)	EQ. MATERIAL ADDED.
00780-ICV 26-4-2000	(C)	EQ. MATERIAL ADDED
00717-ICV 12-8-99	(B)	EQ. MATERIAL ADDED
00680-ICV 16-02-99	(A)	EQUIVALENT MATERIAL CLASS 4 (45 CB) IS: 2004-70 ADDED IN THE DRAWING

APPROVED	M VASU	765-08-253	DS CAT PART No. (E) LV2/ICVs 4730-007419	
CHECKED			WEIGHT	SCALE
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		UNION PIPE	0.03	2:1
			SHT 1 SHTS 1	
		45, GOST 1050-74		



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 } ± ρ

- 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.

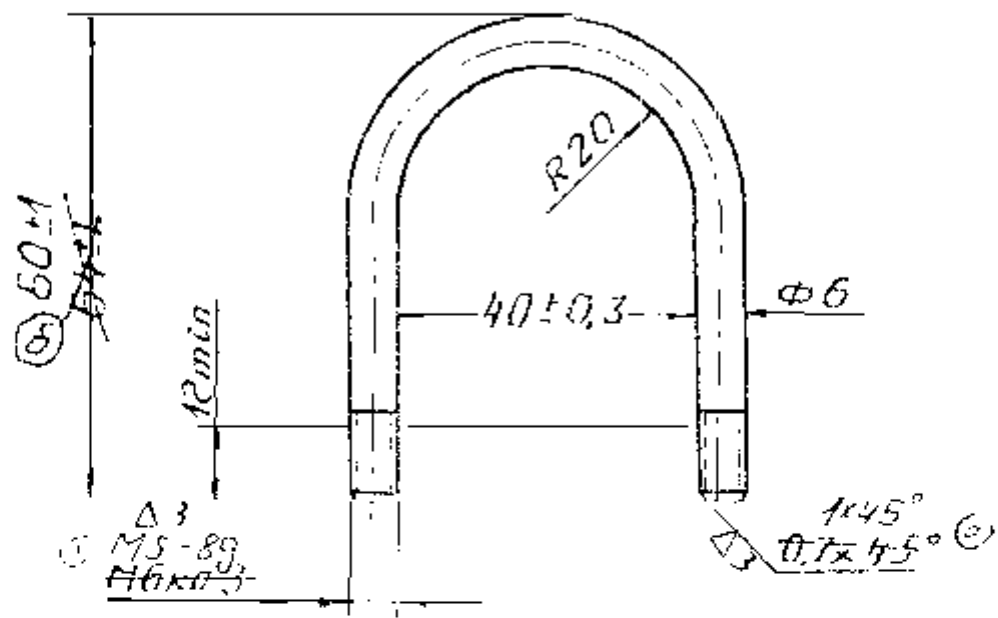
EQ. MATERIAL:- CLASS 4,4SC8 TO IS:2004-78

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	H.M. SINGH		
CONTROLLERATE OF QUALITY ASSURANCE (ICV)		WEIGHT	SCALE
		0.033	2:1
STEEL 45, GOST 1050-74		SHT 1	SHTS 1

815-81-591

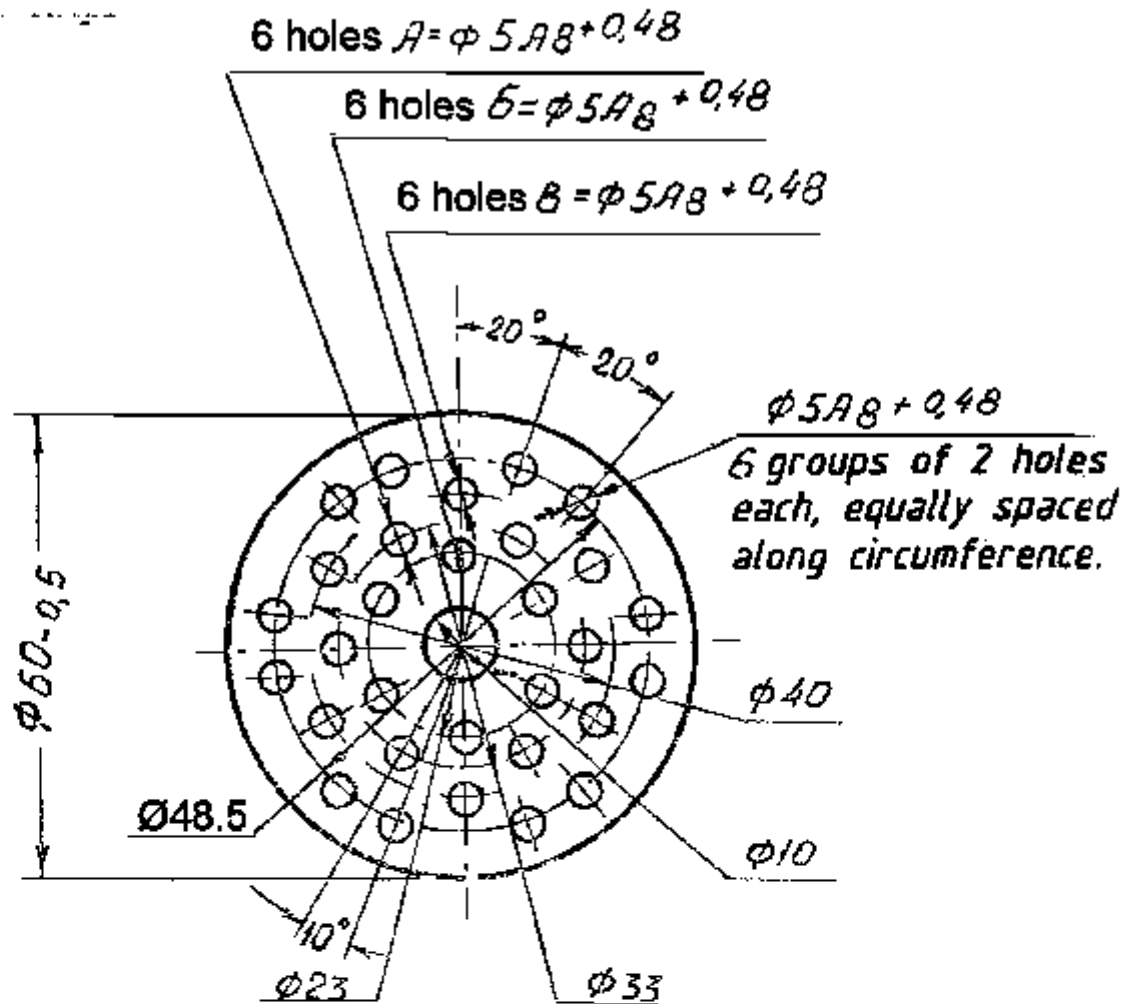
Unless stated otherwise.



1. Coating: Zinc-plated, 9 microns thick, chromated.
Check dimensions before coating.

ORGL MATERIAL-WIRE 6.0-C-1 GOST 3282-74		DC (T) No A DATE	ISSUE	AMENDMENTS
ALL SHARP EDGES & CORNERS TO BE ROUNDED (R)		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: 765-78-05 533
SCALE:- 1:1		<h1>CLAMP</h1> <h2>765-78-578</h2>		
DATE :- 19-06-95				
DRN. <i>M. K. S.</i> : 0,033				
TCD. <i>M. K. S.</i> : 0,033				
CHD. <i>gsc</i>				
APD. <i>Bmb</i>				
<h3>CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)</h3>				

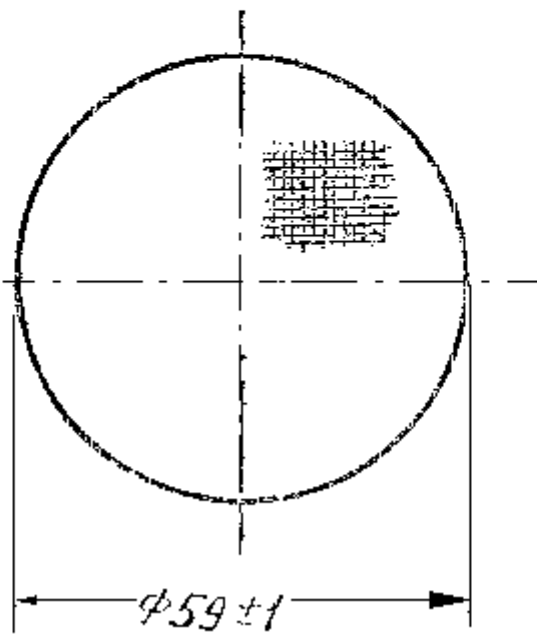
KVD-65919



- 1) Webs between holes should be atleast 2.5 mm.
- 2) Holes of groups A B and B should be equally spaced along circumference,
- 3) Burrs are not allowed.
- 4) Provide dimensions without deviations with accuracy of ± 0.5 mm.
- 5) Alternate material is 12x18 H9T GOST 5632-72.

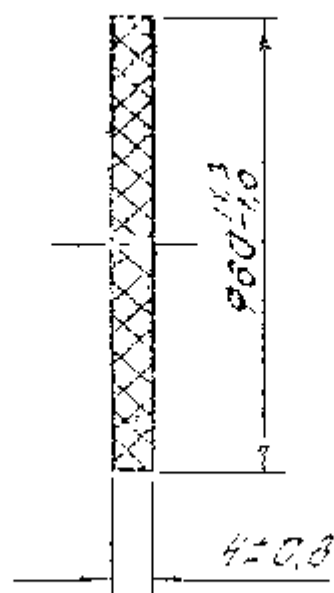
MATERIAL :- 12 X 18 H10 T GOST 5632-72			
ALL SHARP EDGES & CORNERS TO BE BOUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR.	
DRG. NOT TO BE SCALED	TOLERANCE ON DIMENSIONS UNLE -SS OTHERWISE SPECIFIED	USED ON:- 765-78-cd 533	
SCALE :- 1:1	<h1>GRATE</h1> <h2>765-78-1233</h2>		
DATE :- 20-06-95			
DRN. <i>M. K. S.</i>			WT :- (Kg) 0,018
TCD. <i>M. K. S.</i>			
CHD. <i>ve</i>			
APD. <i>As</i>			
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)			

765-78-1234



Ⓐ ALTERNATE MATERIAL:- STEEL Gde X07 Cr 18 Ni 9 TO IS: 6527-95

		00970-124	Ⓐ ALTERNATE MATERIAL ADDED
ORGL MATERIAL :- LOW BRASS GAUZE DT GOST 6613-73		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:- 765-78-cd 533	
SCALE:- 1:1		GAUZE 765-78-1234	
DATE :- 20-06-95			
DRN. <i>M. L. S.</i>	WT :- (KG)		
TCD. <i>M. L. S.</i>	0,007		
CHD. <i>OK</i>		<p>CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)</p>	
APD. <i>Bob</i>			

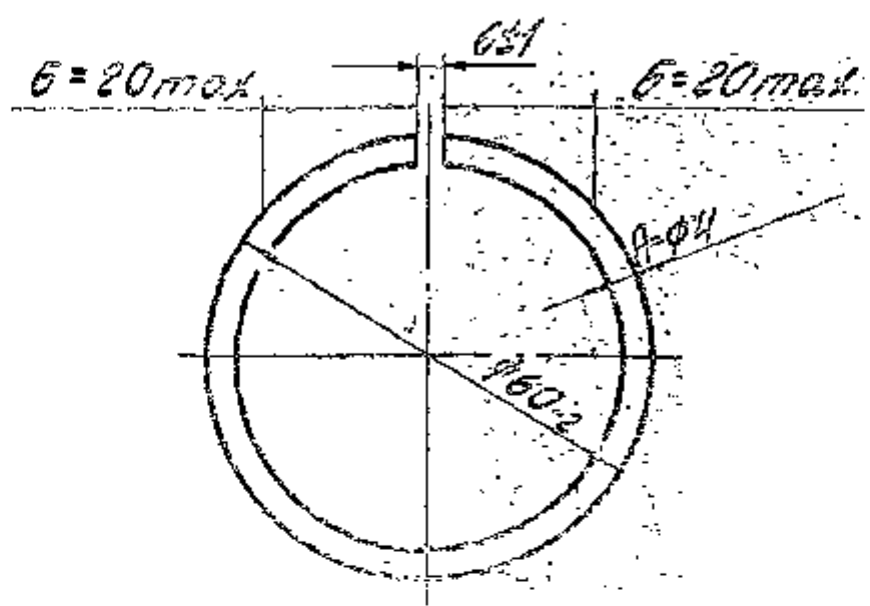


- 1) For ready-made part
Volume weight is $0.25 \pm 0.02 \text{ Gr/Cm}^3$.
- 2) Alternate material is semi rough woolen felt, GOST 6308-71. Volume weight for ready-made part is $0.24 \pm 0.02 \text{ Gr/Cm}^3$.

ORGL MATERIAL:- FELT Tφ GOST 288-72		DC(1) 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:- 765-78-c5533
SCALE:- 1:1				
DATE :- 20-6-95				
DRN. <i>Mh</i>	WT:-(kg)	<h1 style="margin: 0;">FILTER</h1> <h2 style="margin: 0;">765-78-1235</h2>		
TCD. <i>Mh</i>	0,005			
CHD. <i>g</i>				
CPD. <i>Bof</i>				
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)				
3	2	1		

765-78-1236

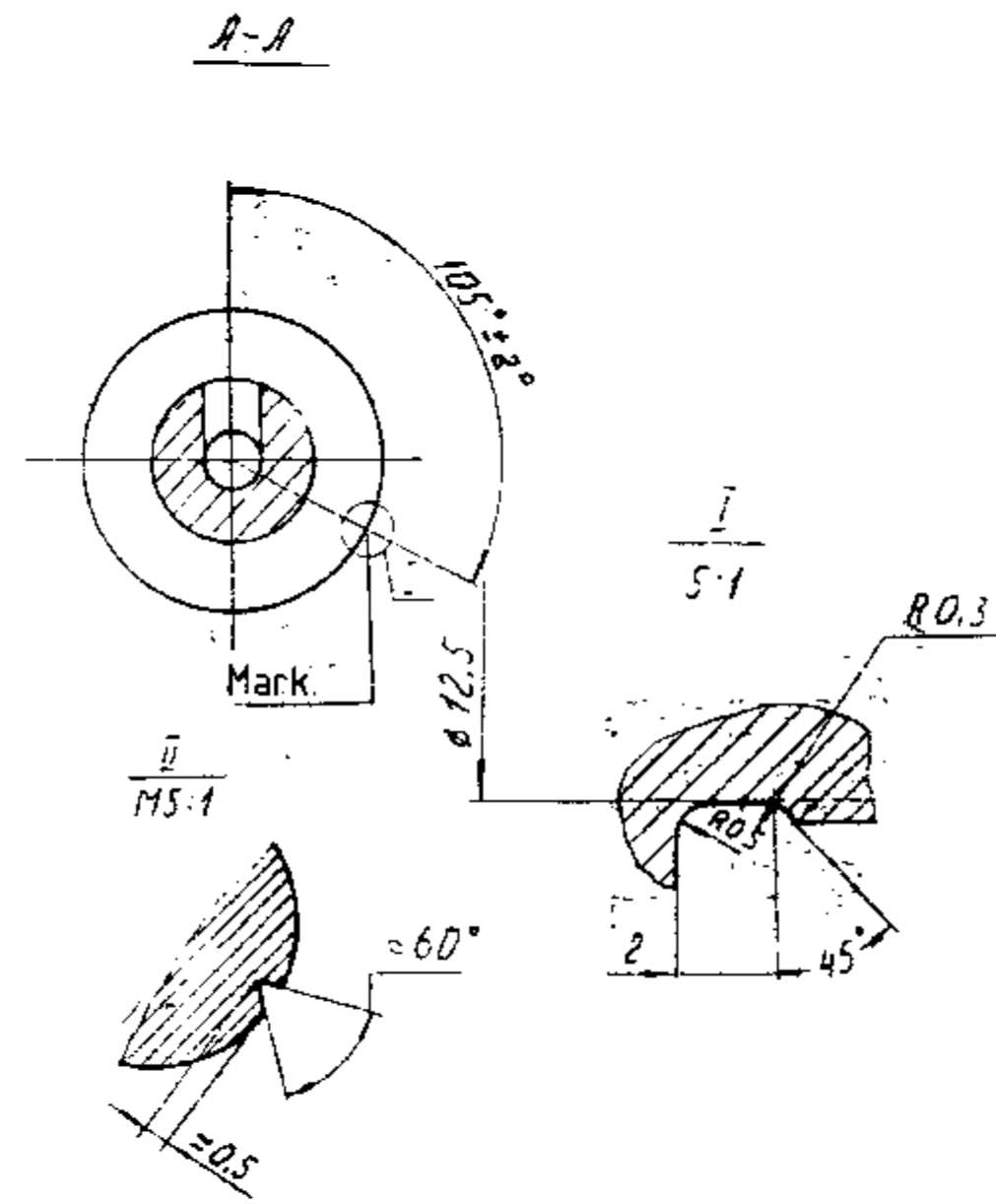
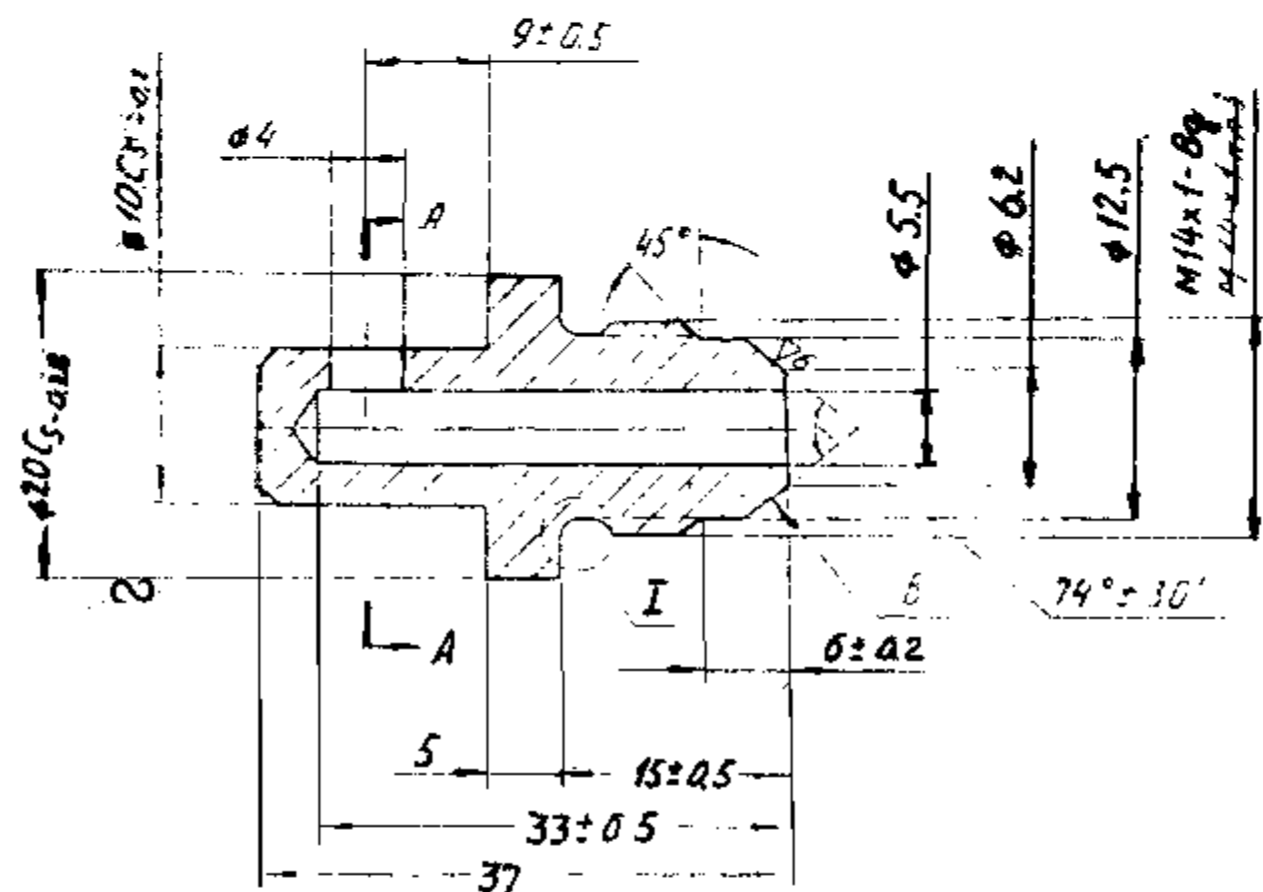
2



EQ. MATERIAL ADDED		AMENDMENTS	
(A)		ISSUE	
00953		DC(U) NO.	
100		R DATE	

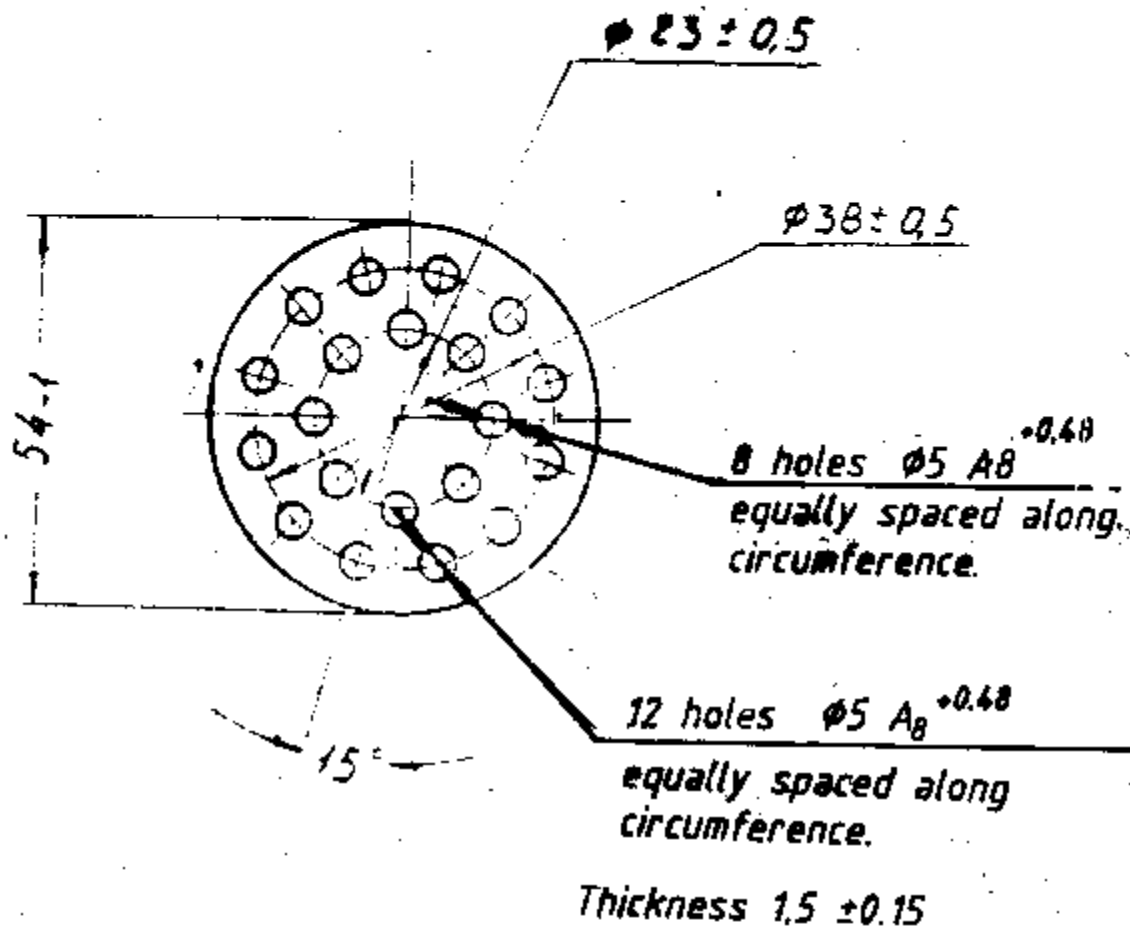
- 1) Distortion of profile on dimensions A is allowed within the limits of not more than ± 0.5 mm.
 - 2) Bevel cut and rounding of edges should not exceed 3 mm on butends.
- (A) EQ. MAT. : GR. 19500 TO IS: 739-77 WITH HEAT TREATMENT AS O' CONDITION

ORGL MATERIAL: A41 ± 4 GOST 14838-78		DC(U) NO.	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: 765-78-08 533
SCALE:- 1:1		<h1>RING</h1> <h2>765-78-1236</h2>		
DATE :- 19-06-95				
DRN. Miller	WT: (K3)			
TCD. Miller	0,005			
CHD. [Signature]				
APD. [Signature]				
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)				



- 1) Blunt sharp edges.
- 2) Provide dimensions without deviations as per accuracy class 7, OST 1010.
- 3) Alternate material is 40 GOST 1050-74
- 4) Run out of surface β with respect to the angle diameter of thread should not exceed 0,05mm.

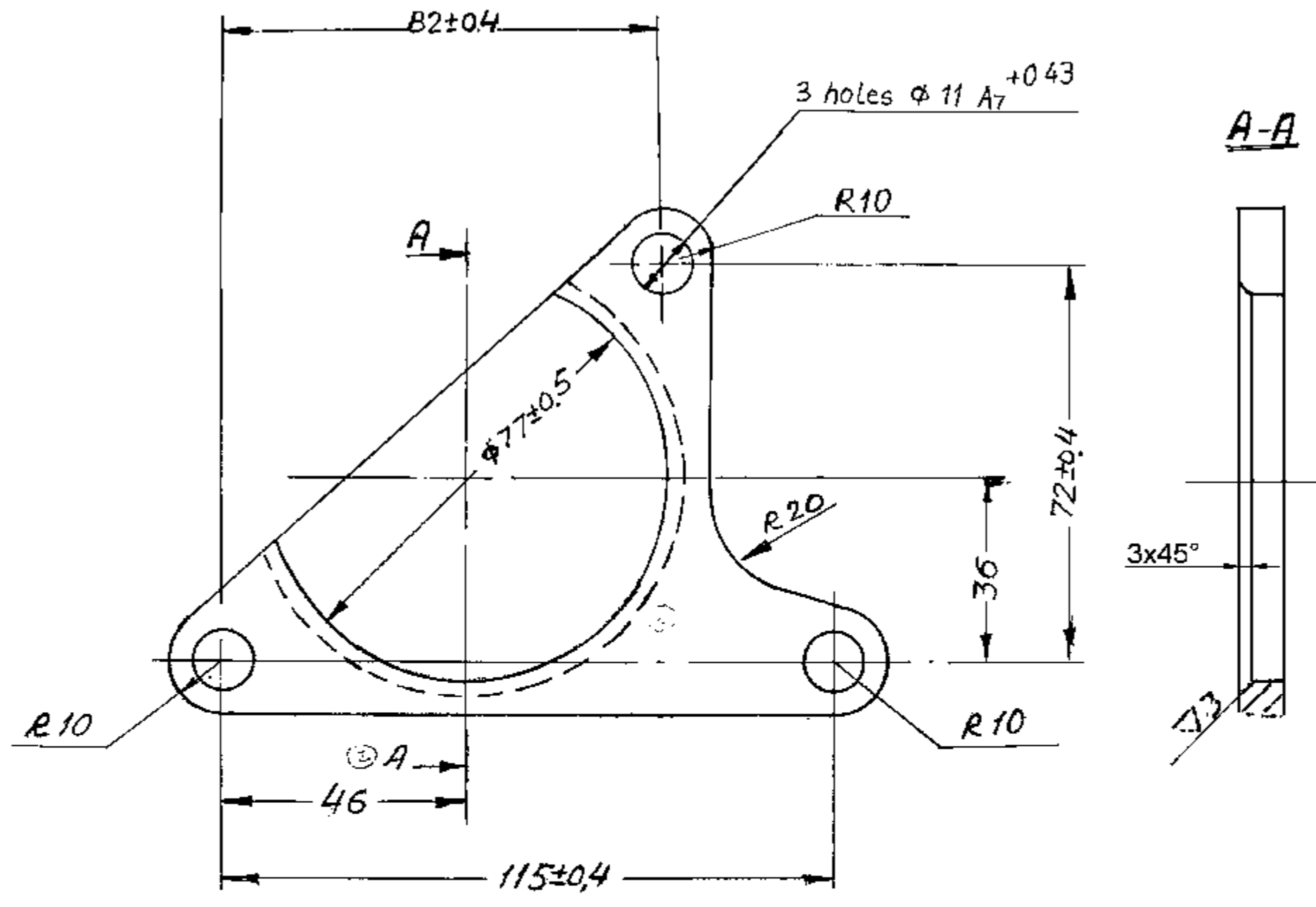
MATERIAL :- 20 GOST 1050-74		
ALL SHARP EDGES & CORNERS TO BE BOUNDED BY	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON:-
SCALE :- 2:1		
DATE :- 20-06-95		
DRN. SPR	WT :- (Kg) 0.032	UNION
YCD.		765-78-1238
CHD.		
APD. B		
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)		



- 1) Burrs are not allowed.
- 2) Alternate material is steel cm3 cn, GOST 380-71, and steel 10, GOST 1050-74.

MATERIAL :- STEEL CM3 KN GOST 380-71		
ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON:-765-78-05534
SCALE :- 1:1		
DATE :- 20-06-95		
DRN. <i>M. G. L.</i>	WT :- (kg) 0,022	GRATE
TCD. <i>M. G. L.</i>		
CHD. <i>ps</i>		765-78-1240
APD. <i>ps</i>		
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)		

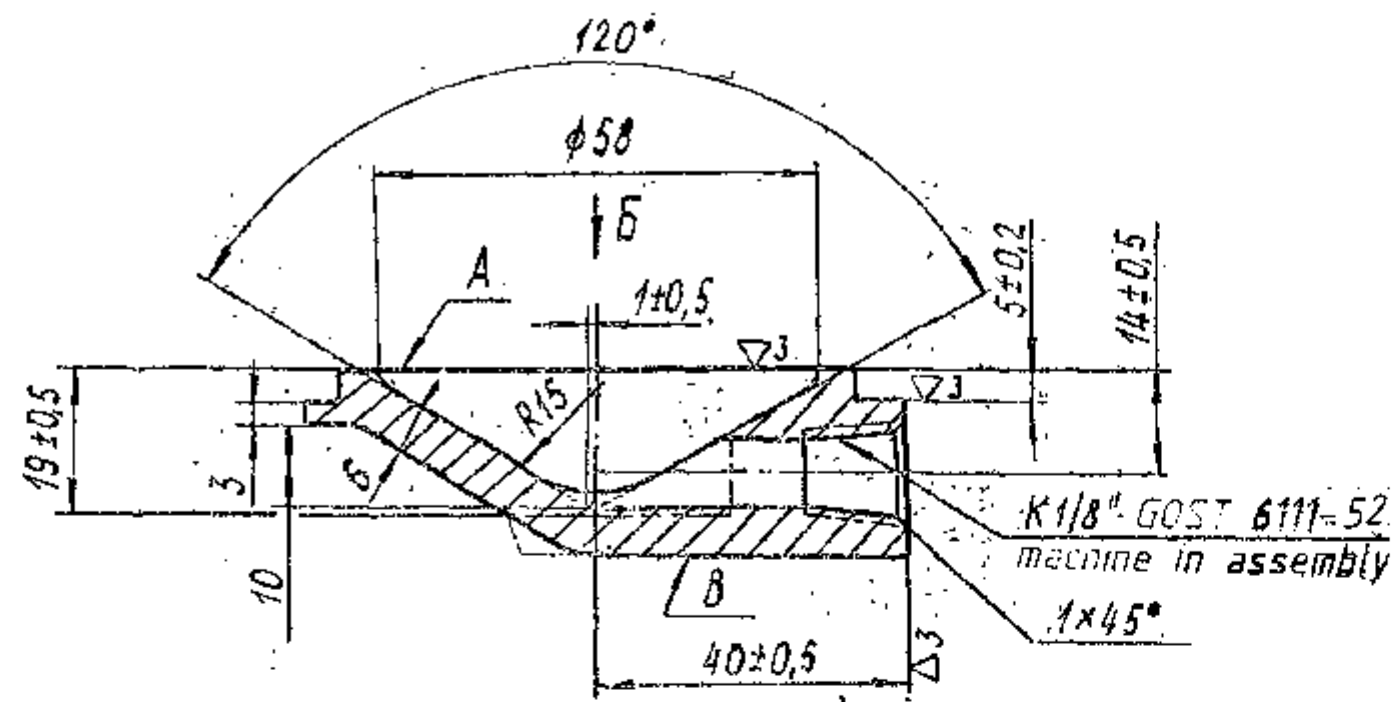
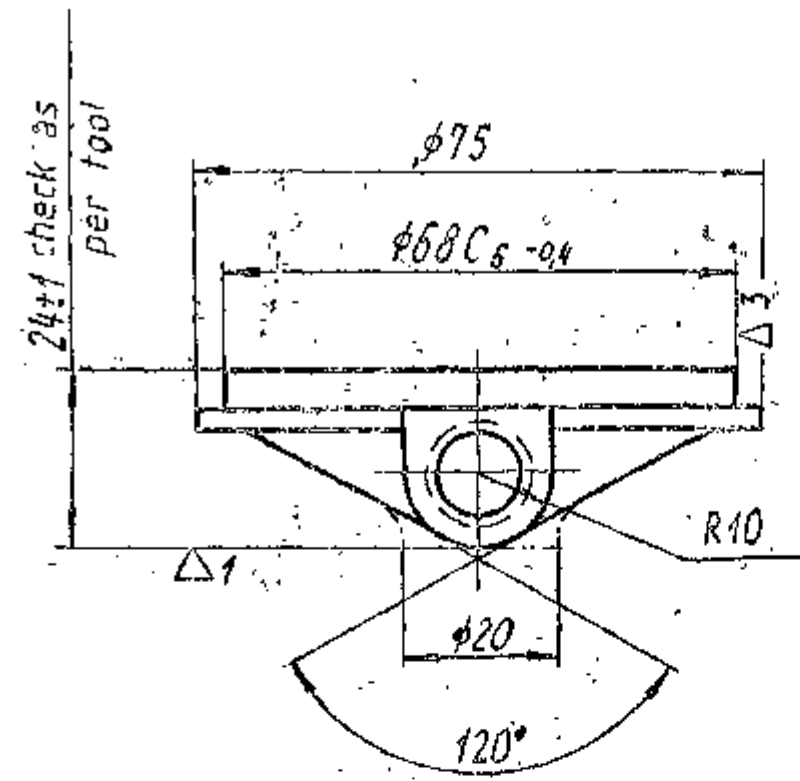
~ Unless otherwise specified.



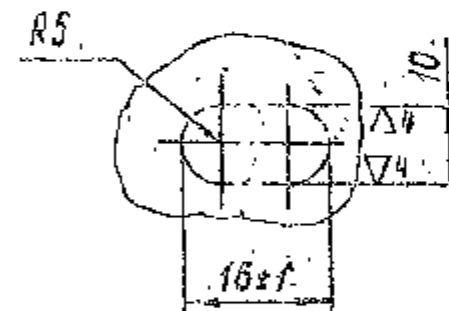
- 1) Burrs are not allowed.
- 2) Provide dimensions without deviations with an accuracy of ± 0.5 mm.
- 3) Alternate material is steel 10, 25, 30 GOST 1050-74.
- 4) Stamping drafts should not exceed 0.6 mm.

ORGL MATERIAL: STEEL 20-GOST 1050-74		DC (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 IN:-
SCALE:- 1:1	DATE :- 20-06-95	FLANGE		
DRN. SPREBY	WT (KGS)	765-78-1241		
TCD.				
CHD.				
APD. Bsh				
CONTROLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)				

Unless otherwise specified



VIEW 8



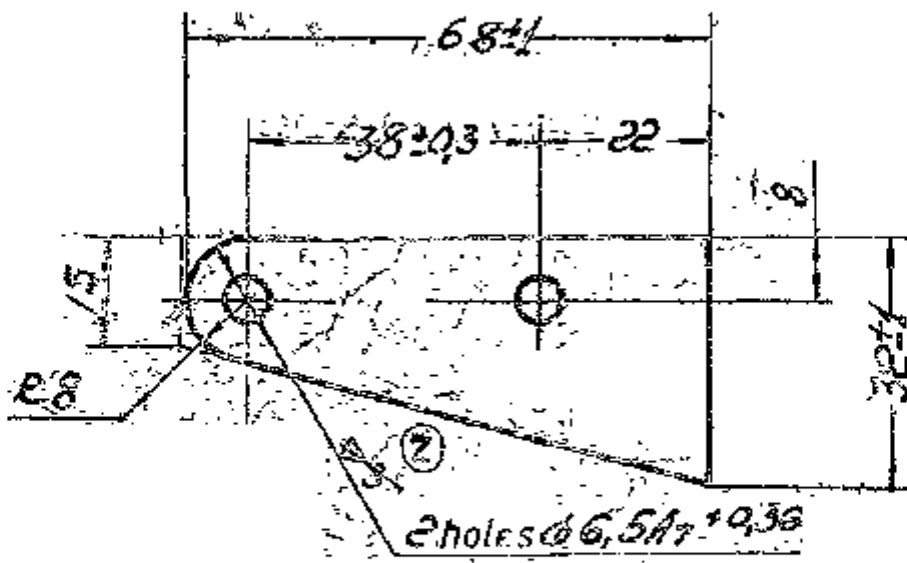
- 1) Blunt sharp edges.
- 2) Other requirements for forging are as per class I GOST 7505-74.
- 3) Single irregularities to a depth of no more than 0.7 mm are allowed on unmachined surfaces.
- 4) Non-parallelity of axis of thread with respect to plane A should not exceed 0.5 mm.
- 5) Bottom may be made as per conventional drawing line.
- 6) Dark spots of any size are allowed on surface.
- 7) Brinell hardness is 302 to 255 (0.25 to 0.3).

38XC GOST 4543-71		DCU/NO DATE	ISSUE	AMENDMENTS
ORCL MATERIAL				
ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF.		ALL THREADS TO CONFORM TO SPECIFICATION.		STAMP OR ETCH, PART NO, MANUFACTURER'S NAME & YEAR OF MFR.
DRG. NOT TO BE SCALED		TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED		USED ON:-
SCALE:- 1:1		DATE :- 20-06-95		
DRN. SPE. BY: (K2)		TCD. 0 265		BOTTOM
CHD. Per		APD. Per		765-78-1242
CONTROL RATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES,				

65-78-1243

② ~~65-78-1243~~

R_z 160

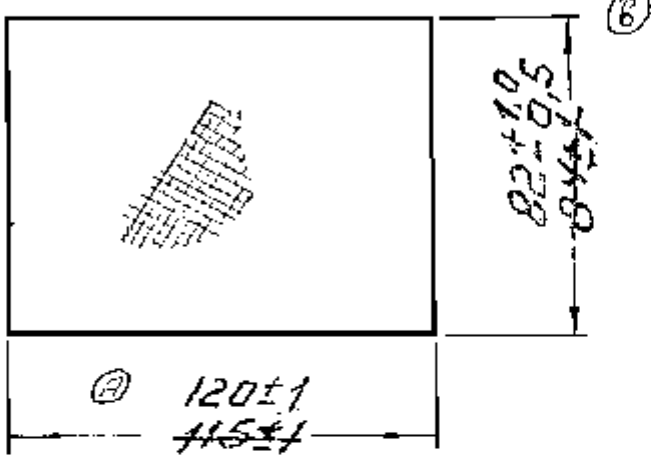


Thickness 5 ± 0.5.

- 1) Burrs are not allowed.
- 2) Provide dimensions without deviations with an accuracy of ± 0.5 mm.
- 3) Alternate material is steel cm 3cn, GOST 380.-71 and steel 10, 15, 25, GOST 1050-74, steel 15F and 20F, GOST 4543-71.
- 4) Stamping draft not exceeding 0.5 mm is allowed.
- 5) Strap may be made as per conventional dotted line.

MATERIAL :- 20 GOST 1050-74		
ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF	ALL THREADS TO CONFORM TO SPECIFICATION	STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFG.
DRG. NOT TO BE SCALED	TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED	USED ON:-765-78-0534
SCALE :- 1:1		
DATE :- 19-06-95		
DRX: <i>M.L.C.</i>	WT :- 1kg	STRAP
REL: <i>M.L.C.</i>	0.054	
CHK: <i>W</i>	① ⊞ ⊞	765-78-1243
APP: <i>Ad</i>		
CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)		

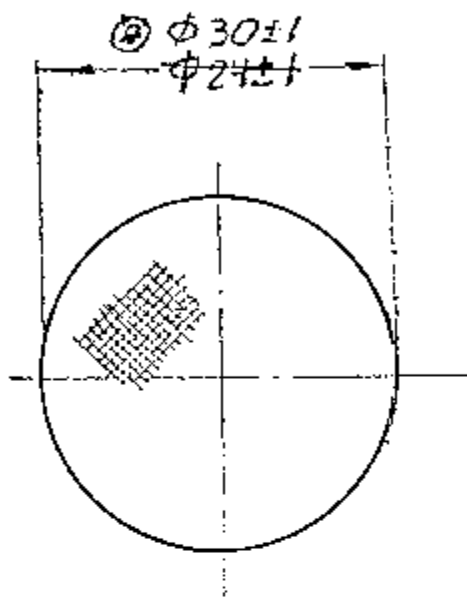
765-78-1244



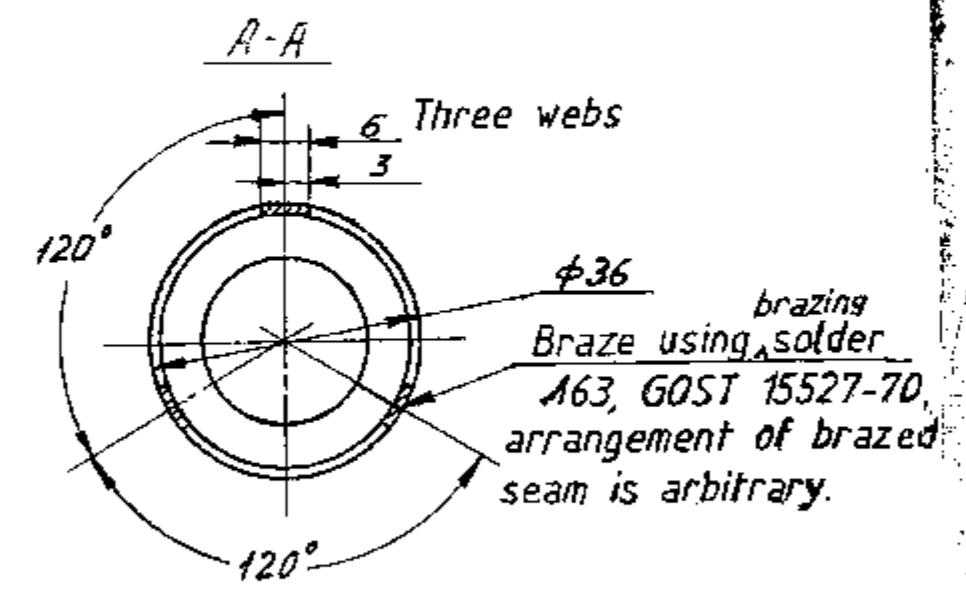
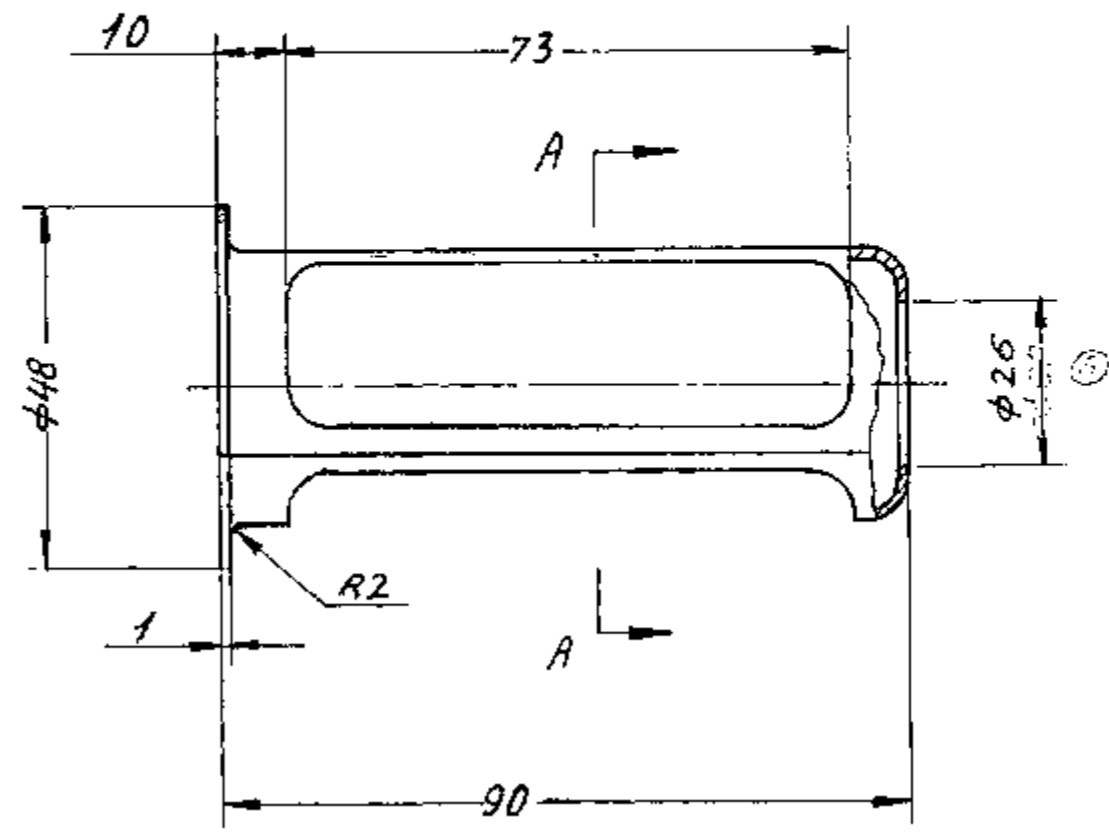
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

| | | | | |
|--|----------------|--|-------|--|
| ORGL MATERIAL- GAUZE, SEMITOMBAG 025
GOST-6613-73 | | DCUINo
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 | | TOLERANCE ON DIMENS (CNS UNLESS OTHERWISE SPECIFIED) | | USED ON:- 765-78-cs535 |
| SCALE:- 1:2 | | <h1>GAUZE</h1> <h2>765-78-1244</h2> | | |
| DATE :- 20-06-95 | | | | |
| DRN. <i>M. h. g.</i> | WT: (kg) 0,006 | | | |
| TCD. <i>M. h. g.</i> | | | | |
| CHG. <i>g.</i> | | | | |
| APD. <i>B. g.</i> | | | | |
| CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | | | |

765-78-1245



| | | | | |
|---|----------|--|-------|--|
| ORGL MATERIAL: GAUZE, SEMITOMBAC 025
GOST 6613-73. | | ISSUE 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 IN DIMENSIONS UNLESS OTHERWISE SPECIFIED | | USED ON:-
765-78-cδ535 |
| SCALE:- 2:1 | | GAUZE | | |
| DATE :- 20-06-95 | | | | |
| DRN. <i>M. K. S.</i> | WT:-(KG) | 765-78-1245 | | |
| TCD. <i>M. K. S.</i> | 0,002 | | | |
| CHD. <i>JK</i> | | CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | |
| APD. <i>B. S.</i> | | | | |

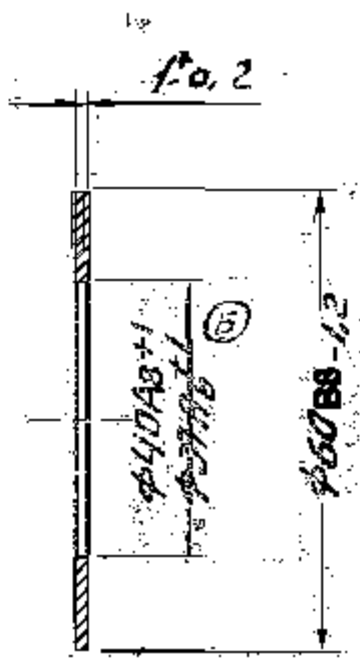


- 1) Burrs are not allowed.
- 2) Provide dimensions without deviations with an accuracy of ± 1 mm.
- 3) Unspecified radii should not exceed R5.
- 4) Body may be made from 3 parts with subsequent brazing and dressing of brazed seams.
- 5) Alternate material is sheet APX 12 163 GOST 931-78.

| | | | |
|--|--|---|-------|
| NEAREST GOVT MATERIAL | | | |
| SHEET APX 1 163, GOST 931-78 | | DRG. REVISED AND RE-TRACED | |
| ORGL MATERIAL | - | DCI/NO & DATE | ISSUE |
| 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. | |
| ORG. NOT TO BE SCALED | | USED ON:- | |
| SCALE:- 1:1 | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | 765-78-C6535 | |
| DATE :- 24-10-03 | | | |
| DRN. [Signature] | WT: (Kg) 0.012 | 765-78-1246 | |
| TCD. [Signature] | | PART NO | |
| CHD. [Signature] | | BODY | |
| APD. [Signature] | | CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES) | |

765-78-1247

② - some other

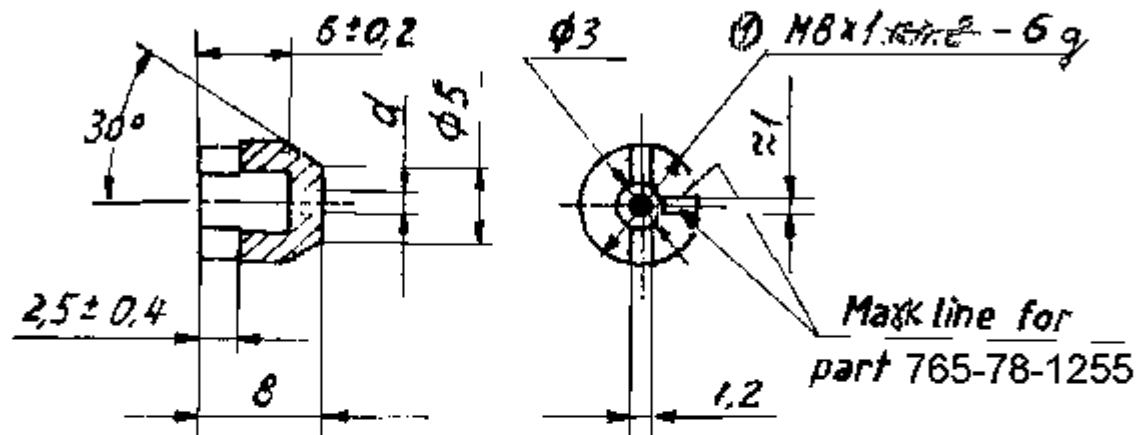


- 1) Burrs are not allowed.
- 2) Non-flat ness should not exceed 0,5 mm.
- 3) Alternate material is steel 12x18 H9T GOST 5632-72.

| | | |
|--|--|---|
| MATERIAL :- 12 x 18 H 10T GOST 5632-72 | | |
| ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF | ALL THREADS TO CONFORM TO SPECIFICATION | STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR. |
| DRG. NOT TO BE SCALED | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | USED ON:- 765-78-05333 |
| SCALE :- 1:1 | RING
765-78-1247 | |
| DATE :- 19-06-95 | | |
| DRN :- M. L. S. | WT :- (Kg) 0,013 | |
| TCD :- M. L. S. | | |
| CHD :- J. C. | | |
| APP. :- B. S. | | |
| CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | |

TECHNICAL CONDITIONS

- 1) Blunt sharp edges.
- 2) Make mark lines to a depth of approximately 0.5 mm on the butt-end in compliance with table arrangement of mark lines with respect to the slot is arbitrary.
- 3) Provide dimensions without deviations as per accuracy class 7, OST 1010.
- 4) Displacement of slot with respect to the axis should not exceed 0.4 mm.
- 5) Alternate material is Sp A75 MU -10-3-15, GOST 18175-78.


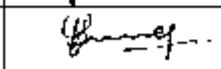


Ⓐ EQ. MATERIAL: Gde 1, HB-CONDITION TO IS: 319-81.

Ⓑ EQ MATERIAL:-BRASS BARS OF CU ZN 39 PB2 TO IS: 531-81.

| | | |
|---|-----------|---------------------------------------|
| 00818-11V
N.H. 11-10-2000
V. Ramaswami
Dcll) 00640
-12V (19.6.77)
DA | Ⓑ
Arun | EQ. MATERIAL ADDED
FC 765-78-1257. |
| | Ⓐ
Arun | EQ. MATERIAL ADDED. |
| | ISSUE | NATURE |
| | AMENDMENT | |

| DESIGNATION | d(A5) | | Number of notches |
|-------------|---------|-----------|-------------------|
| | Nominal | Deviation | |
| 765-78-1254 | 0.4 | | 1 |
| 765-78-1255 | 1.5 | +0.12 | 2 |
| 765-78-1256 | 2.2 | +0.12 | 3 |
| 765-78-1257 | 1 | +0.12 | 4 |
| 765-78-1258 | 0.6 | +0.06 | 5 |

APPROVED  M. VASU
 CHECKED 
 CONTROLLERATE
 OF
 QUALITY ASSURANCE
 (ICV)

765-78-1254/1258

JET
 (TABLE DRAWING)

WEIGHT SCALE

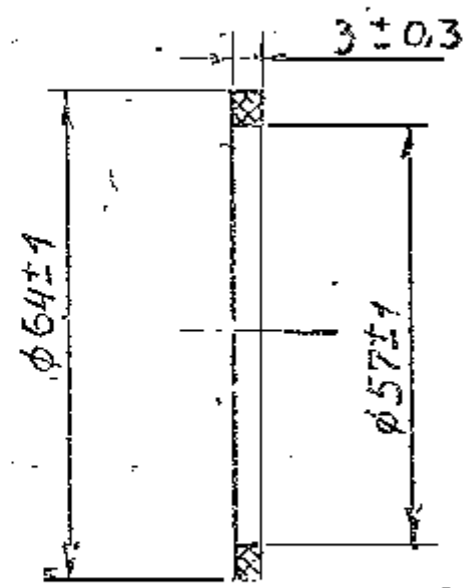
0.002 2:1

SHT 1 SHTS 1

JIC59-1, GOST 15527-70

USED ON
705216-78-503 7-7

Домб
Подпись
Предприятие



- 1) Mark on tag.
- 2) Other requirements are as per Technical Specifications TY 005216-75 for articles, code 253113

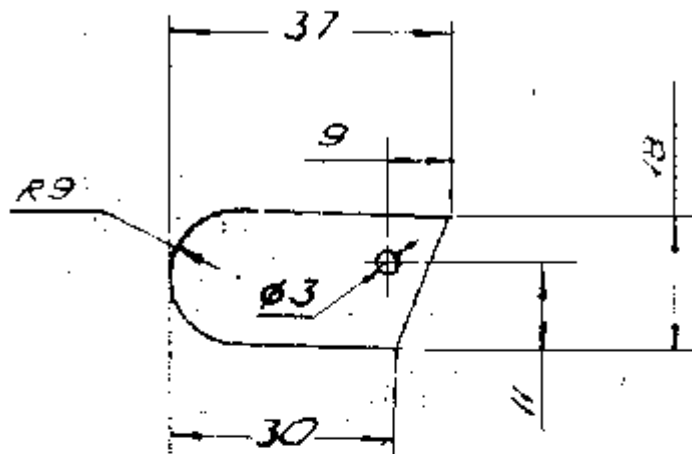
1516
21-7-74
141-12
148-100
1600-100
1600-100

6783-12 200V SEALING CANCELLED
24 6-89
1600-100 W ORG HAI ED OR
25-8

DVDI

| | | | |
|--|-----------------------------|--------------------|-------|
| APPROVED | <i>[Signature]</i> H VASU | 765-78-1406 | |
| CHECKED | <i>[Signature]</i> | | |
| CONTROLLERATE
OF
INSPECTION
(ICV) | RUBBER 3825
TY 005216-75 | WEIGHT | SCALE |
| | | 0,002 | 1:1 |
| | | SHT | S ITS |

765-78-1437



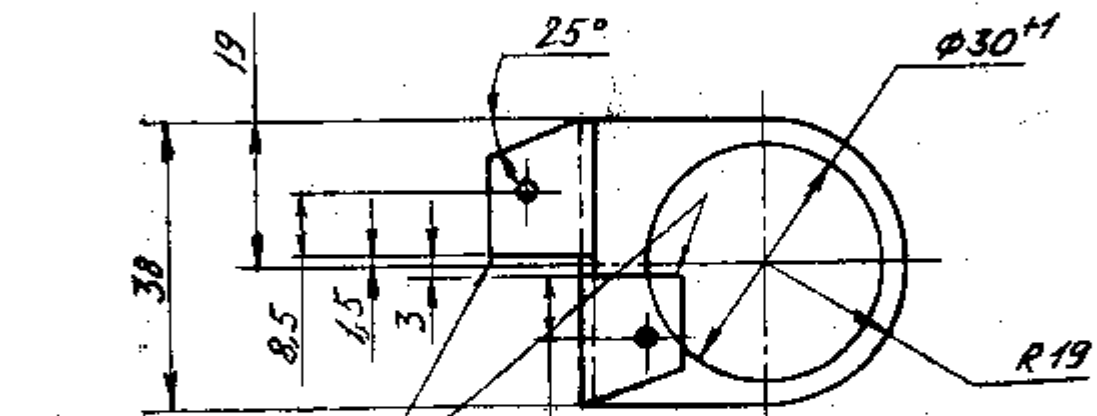
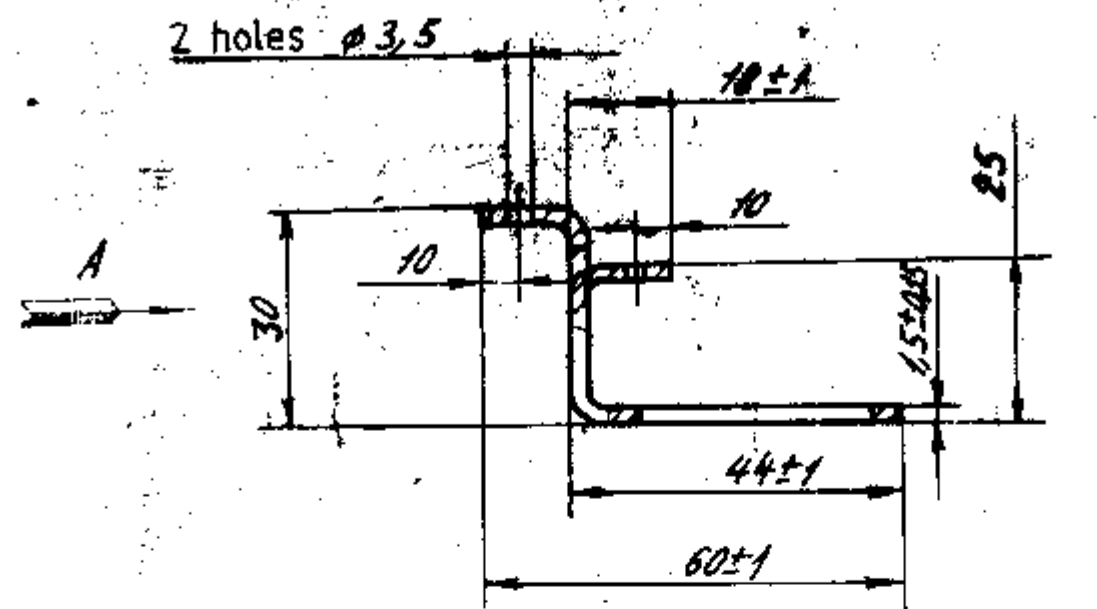
Thickness is 15 ± 0.3 .

- 1) Alternate material is rubber plate 1 roll, ПМБ-С-15, GOST 7338-77.
- 2) Other requirements are as per Technical Specifications TY 005216-75.

| | | | |
|---|--|-------------|--|
| ORGL MATERIAL: PLATE 254311-15 RUBBE 637 OR 632 TY 005216-75 | | ISSUE DATE | 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:-
765-78-05533 |
| SCALE:- 1:1 | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | | |
| DATE :- 20-06-95 | | | |
| DRN. <i>M. H. J.</i> | WT: -(Kg)
0,005 | VALVE | |
| TCD. <i>M. H. J.</i> | | 765-78-1437 | |
| CHD. <i>80%</i> | | | |
| APD. <i>B. S.</i> | | | |
| CONTROLLED BY QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | | |

8541-86-596

2



Round of sharp edges with $\approx R 1,5$

View A

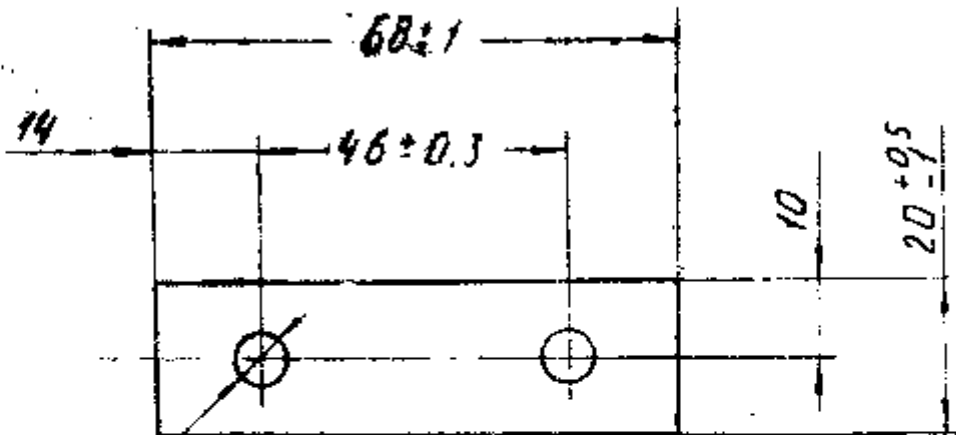


- 1) Blunt sharp edges.
- 2) Provide dimensions without deviations with accuracy of $\pm 0,5mm$.
- 3) Alternate material is steel 08nc and 08Kn, GOST 9045-80.
- 4) Coating: zink -plated, 24 microns thick, chromotized-Remove hydrogen embrittlement.
- 5) Unspecified radii should not exceed R3.

| | | | |
|--|--|--|-----------------------------|
| NEAREST EQVT MATERIAL | | | |
| STEEL 10 GOST 1050-74 | | <i>[Signature]</i> | DRG. REVISED AND RE-TRACED. |
| DRGL MATERIAL | DCITING & 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:- 1: 1 | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | 765-78-Cb533 | |
| DATE :- 24-10-03 | | | |
| DRN. <i>[Signature]</i> | WT :- (Kg) | 765-78-1438 | |
| TCD. <i>[Signature]</i> | 0.02 | | |
| CHD. <i>[Signature]</i> | | BRACKET | |
| AFD. <i>[Signature]</i> | | | |
| CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | | |
| 4 | 3 | 2 | 1 |

8951-82-591

83

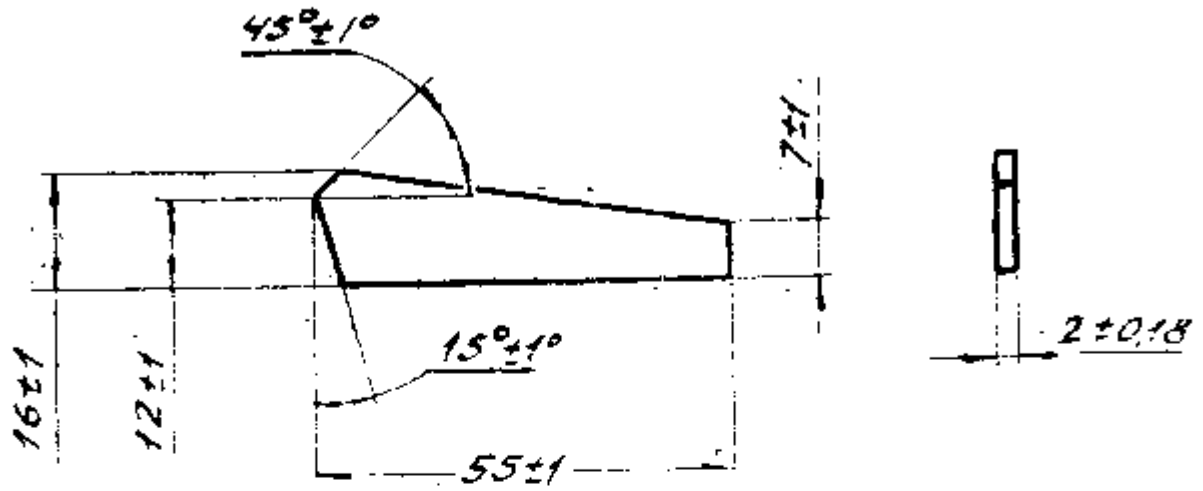
2 holes $\varnothing 6.3 A7 \pm 0.36$ Thickness = $4 \begin{matrix} +0.4 \\ -0.5 \end{matrix}$

- 1) Burr is not allowed.
- 2) Provide dimensions specified without deviations as per accuracy ± 0.5 .
- 3) Alternate material is steel cm 3cn GOST 380-71 and 10 kn GOST 1050-74.
- 4) Stamping drafts should not exceed 0.4 mm.

| | | | | |
|--|-------------------|--|-------|--|
| ORGL MATERIAL ± 20 GOST 1050-74 | | DCI/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:-
765-78-c8 534 |
| SCALE:- 1:1 | | | | |
| DATE :- 20-06-95 | | | | |
| DRN. <i>M. M.</i> | WT: (Kg)
0,043 | STRAP
765-78-1568 | | |
| TCD. <i>M. M.</i> | | | | |
| CHD. <i>E. S.</i> | | | | |
| APD. <i>B. S.</i> | | | | |
| CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | | | |

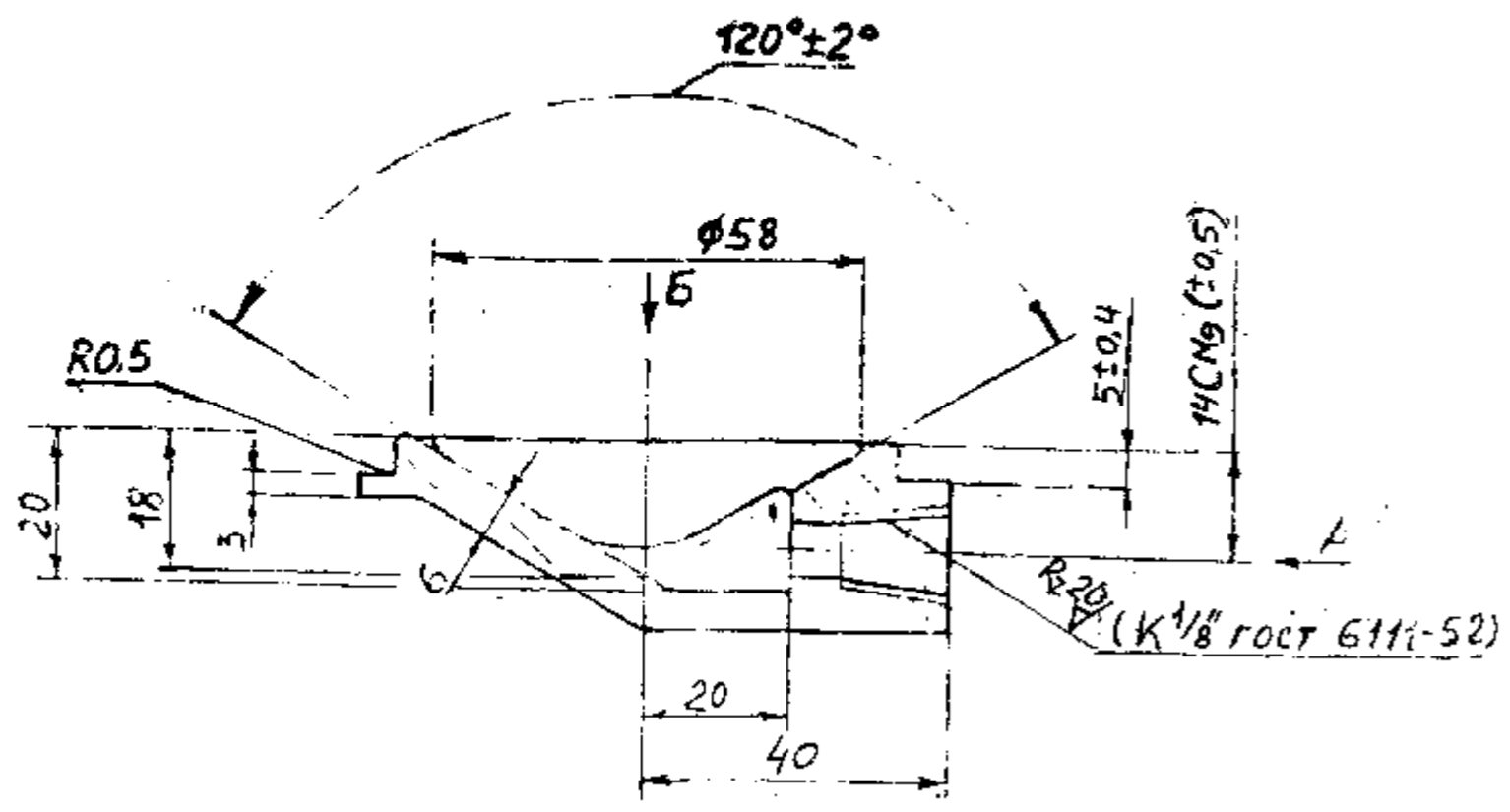
765-78-1579

2

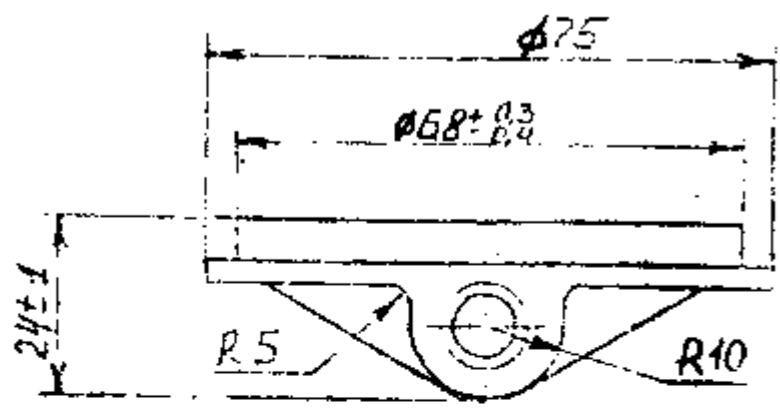


- 1) Burrs are not allowed.
- 2) Alternate material is steel Cm2, GOST 380-71 and 08Пс, 08КП, 10КП GOST 1050-74.

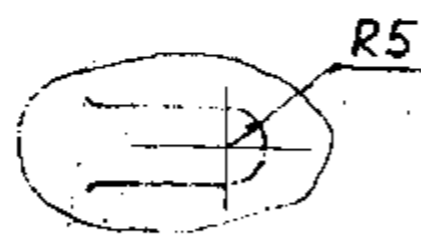
| | | | |
|--|--|-------|--|
| ORGL MATERIAL TO GOST 1050-74 | | ISSUE | AMENDMENTS |
| ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF. | ADD THREADS TO CONFORM TO SPECIFICATION. | | STAMP OR ETCH, PART NO. MANUFACTURER'S NAME & YEAR OF MFR. |
| DRG. NOT TO BE SCALED | | | |
| SCALE:- 1:1 | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | | USED ON:-76578-25534 |
| DATE :- 19-06-95 | | | |
| DRN. M.L.G. - R (WT: (Kg)) | CORNER PLATE | | |
| TCD. M.L.G. - R 0.010 | | | |
| CHD. [Signature] | 765-78-1579 | | |
| APD. [Signature] | | | |
| CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | | |



VIEW A



VIEW B

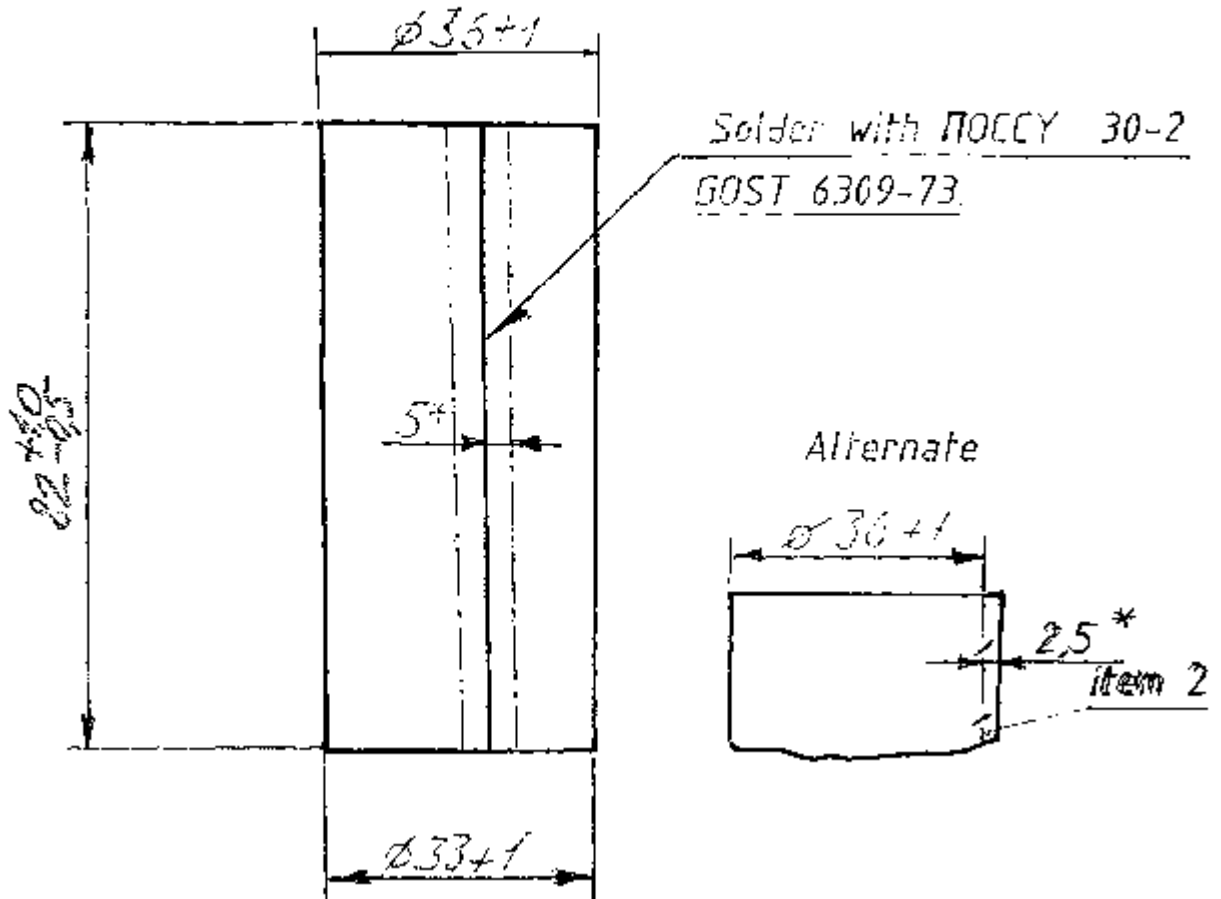


- 1), HB 255 to 302 (φ3.8 to 3.5)
- 2) Unspecified pattern drafts should not exceed 2°
- 3) Unspecified casting radii should not exceed 2 mm.
- 4) Dimensions given in brackets are after assembly.
- 5) Test for air tightness with air at a pressure of 160±10 Kgf/Cm² for 0.5 minute. Leakage of air is not allowed. Test may be performed in assembly

| | | | |
|--|--|--------------------|--|
| NEAREST EQVT MATERIAL | | | |
| CASTING I-OST 3-4365-79
35x ГСА - GOST 977-75 | | | |
| DRGL MATERIAL | DC (T) 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:-
765-78-C5534 |
| SCALE:- 1:1 | DATE :- 21-8-2K | | |
| DRN. <i>Das</i> | WT :- (Kg) | POTTOM | |
| TCD. <i>Das</i> | 0.265 | | |
| CHD. <i>Das</i> | | 765-78-1712 | PART NO |
| APD. <i>Das</i> | | | |
| CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES) | | | |

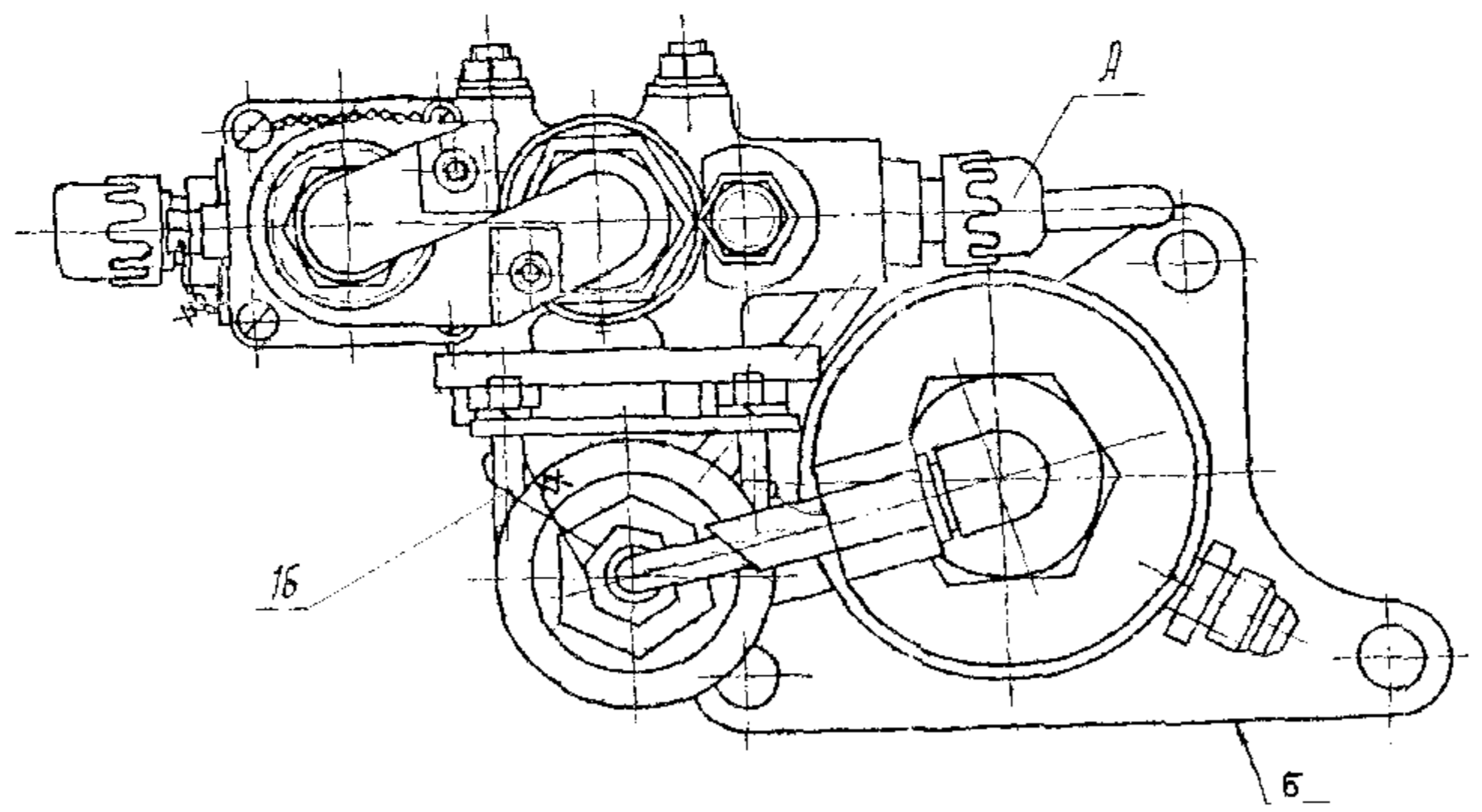
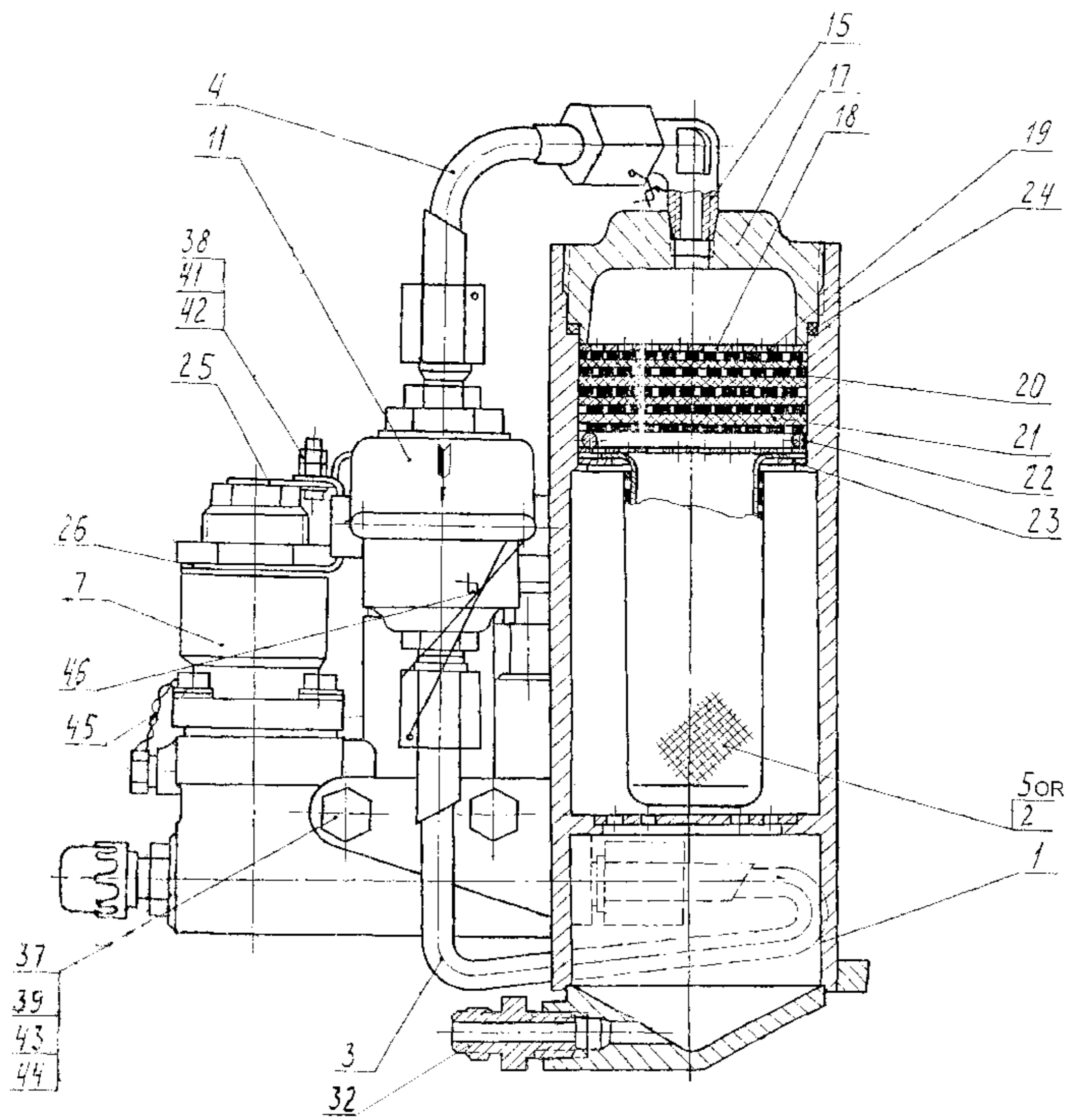
1. 100% 2. 100% 3. 100% 4. 100% 5. 100% 6. 100% 7. 100% 8. 100% 9. 100% 10. 100% 11. 100% 12. 100% 13. 100% 14. 100% 15. 100% 16. 100% 17. 100% 18. 100% 19. 100% 20. 100% 21. 100% 22. 100% 23. 100% 24. 100% 25. 100% 26. 100% 27. 100% 28. 100% 29. 100% 30. 100% 31. 100% 32. 100% 33. 100% 34. 100% 35. 100% 36. 100% 37. 100% 38. 100% 39. 100% 40. 100% 41. 100% 42. 100% 43. 100% 44. 100% 45. 100% 46. 100% 47. 100% 48. 100% 49. 100% 50. 100% 51. 100% 52. 100% 53. 100% 54. 100% 55. 100% 56. 100% 57. 100% 58. 100% 59. 100% 60. 100% 61. 100% 62. 100% 63. 100% 64. 100% 65. 100% 66. 100% 67. 100% 68. 100% 69. 100% 70. 100% 71. 100% 72. 100% 73. 100% 74. 100% 75. 100% 76. 100% 77. 100% 78. 100% 79. 100% 80. 100% 81. 100% 82. 100% 83. 100% 84. 100% 85. 100% 86. 100% 87. 100% 88. 100% 89. 100% 90. 100% 91. 100% 92. 100% 93. 100% 94. 100% 95. 100% 96. 100% 97. 100% 98. 100% 99. 100% 100. 100%

765-78-1719



- 1) * Dimension is given for reference.
- 2) It is allowed to stitch by glossy cotton threads N1 GOST 6309-73.
- 3) Visual inspection may be performed against standard.
- 4) Stitches may be secured by sewing them on machine twice.

| | | |
|--|--|--|
| MATERIAL :- LOW BRASS GOST 6613-73 | | |
| ALL SHARP EDGES & CORNERS TO BE BOUNDED BY | ALL THREADS TO CONFORM TO SPECIFICATION | STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR. |
| DRG. NOT TO BE SCALED | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | USED ON:- 765-78-05 850 |
| SCALE :- 1:1 | GAUZE | |
| DATE :- 20.06.95 | | |
| DRN. <i>M.L.S.</i> | WT :- (Kg) 0.006 | 765-78-1719 |
| TCD. <i>M.L.S.</i> | | |
| CHD. <i>low</i> | | CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) |
| APD. <i>Part</i> | | |



1. Wash the internal surface of settler, Ref.No.1, and also all pipes with winter grade fuel 3-0,5 or summer grade fuel 11-0,5 GOST 305-73, and blow them with compressed air
 2. Before installing the air pressure control unit Ref.No.7 deprive the external surfaces by wiping them with cloth soaked in benzene or by heating the unit in oil bath upto a temperature of 65°C and then wiping it with cloth soaked in benzene. Carry out depreservation in oil bath without removing transportation plugs and screws.
 3. After mounting filter elements, pack silk canvas, series 16003, GOST 16428-80 gauge, Ref.No.20, and grate Ref.No.19 in respective order.
 4. After mounting angle, Ref.No.15, blow the moisture and oil seperator for 1 minute, by supplying air through the middle hole, with drain holes plugged and moisture and oil seperator arranged with plug downwards.
 5. Test the unit together with compressor and cylinders having a total capacity of not less than 5 litres. Carryout test at compressor speed $n=1500 \pm 50$ r/min. Airpressure control unit should transfer the compressor to cylinder filling operation, at pressure $P_{ON} = 128 \pm 3$ kgf/cm² and to idling at pressure $P_{OFF} = 146 \pm 3$ kgf/cm².
In idling operation of the air pressure control unit air passes out through union A.
Check control stability by pumping of 5-litre cylinder three times from the moment the air pressure control unit turns on the compressor to the moment it turns off the compressor and obtaining at a time 3 valves of P_{ON} and P_{OFF} which are with the limits of the above mentioned valves $P_{ON} = 128 \pm 3$ kgf/cm², $P_{OFF} = 146 \pm 3$ kgf/cm².
When air pressure control unit operates, air may be released through holes of the ON and OFF valves. Carryout adjustment of air pressure control unit, if necessary, as per Instructions 765-78-H 10.1. After adjustment check all conections for leak proofness at pressure $P = 146 \pm 3$ kgf/cm² by saponification method
- NOTE:-
In case the air pressure control unit is checked after dismantling from the test set, limits of adjustment should correspond to the following.
Valves:-
 $P_{OFF} = 153 \pm 3$ kgf/cm²
 $P_{ON} = 128 \pm 3$ kgf/cm²
6. Apply marking as per instructions 11-50-6 place of marking is surface 5.
 7. Prime the places of point damage except air pressure control unit ADY 2C and filter, with primer $\Phi 1-03K$, GOST 9109-81 and paint them with enamel ПФ-223, dark grey, GOST 14923-78.
 8. Plug all unions and holes with technological plugs in transportation.
 9. Silk cloth may be replaced by capron-fabric No.55 or No. 64, OST 17-46-71.
 10. Gaps between valves and air pressure control unit are not allowed Bracket may be bent in situ.
 11. It is allowed to set parts, Ref.Nos 15 and 32, on iron minium GOST 8866-76, after screwing them on by 2 to 3 turns.

| REF. NO. | Designation | Description | QTY | Remarks |
|---|-------------------------------------|--|-----|--|
| 1 | 765-78-c8534 | Settler | 1 | piece |
| 2 | 765-78-c8535 | Filter | 1 | 1 Part may be replaced by part, Ref.No.5 |
| 3 | 765-78-c8536 | Pipe | 1 | |
| 4 | 765-78-c8537 | Pipe | 1 | |
| 5 | 765-78-c8850 | Filter | 1 | 1 Piece part may be replaced by part, Ref.No.2 |
| 7 | | Air pressure control unit ADY2C ADY2CTY. | 1 | Commercial. |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | 218-K | Air filter. | 1 | Part of GOST 0123-100 |
| 15 | 765-78-65 | Angle. | 1 | |
| 16 | 765-78-578 | Clamp | 1 | |
| 17 | 765-78-1230 | Plug | 1 | |
| 18 | 765-78-1232 | Silk cloth dia.60 | 1 | without drawing |
| 19 | 765-78-1233 | Grate | 2 | |
| 20 | 765-78-1234 | Gauze | 5 | |
| 21 | 765-78-1235 | Filter | 4 | |
| 22 | 765-78-1236 | Ring | 1 | |
| 23 | 765-78-1247 | Sealing ring. | 1 | |
| 24 | 765-78-1436 | Sealing ring. | 1 | |
| 25 | 765-78-1437 | Valve | 2 | |
| 26 | 765-78-1438 | Bracket | 1 | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |
| 31 | | | | |
| 32 | 765-08-253 | Union pipe | 1 | REF. No. 0109-100 |
| 33 | | | | |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | Bolt M6 x 65.46.019 | GOST 7795-70. | 1 | |
| 38 | Nut M3-6 | -016 GOST 5927-70 | 1 | |
| 39 | Nut M6.6.019 | GOST 5927-70 | 4 | |
| 41 | Screw M3.8h6h x 12.48.016 | GOST 174.73-72 or M3.8h6h x 12.66.106 | 2 | |
| 42 | Washer 3.01.019 or 3.02.019 | GOST 11371-78. | 2 | |
| 43 | Washer 6 x 1.01.019 or 6 x 1.02.019 | GOST 11371-78. | 2 | |
| 44 | Washer 6T.65106 | GOST 64.02-70 | 4 | |
| 45 | Wire K01 | GOST 792-67 $\ell = 150$ | 4 | |
| 46 | Wire K01 | GOST 792-67 $\ell = 250$ | 2 | |
| INDIAN EQUIVALENT: M3 WIRE GALVANISED 1 MM DIA. 1/4 HARD TO IS: 240-78 UTS. 7 KGF/MM ² (MIN) | | | | |
| Enamel ПФ-223, dark grey | | | | |
| Primer $\Phi 1-03$ K, green. | | | | |

EQ. MATERIAL: C-30 TO IS: 1570-79

A B

| | |
|------------------|---|
| 00971-ICV | DS CAT PART No. ADDED AGAINST REF. No.1. |
| 30-06-04 | |
| 00957-ICV | EQ. MATERIAL ADDED. |
| 30-4-2003 | |
| 00609-ICV | INDIAN EQUIVALENT ADDED FOR REF.No. 45&46 |
| 07 Feb 95 | |
| ICV (No. & DATE) | ISSUE AMENDMENTS |

MATERIAL:- ALL SHARP EDGES & CORNERS TO BE ROUNDED OR DRG. NOT TO BE SCALED

SCALE: 1:1

DATE: 20-6-95

DRN. *[Signature]*

ICD. *[Signature]*

CHD. *[Signature]*

APD. *[Signature]*

ALL THREADS TO CONFORM TO SPECIFICATION

TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED

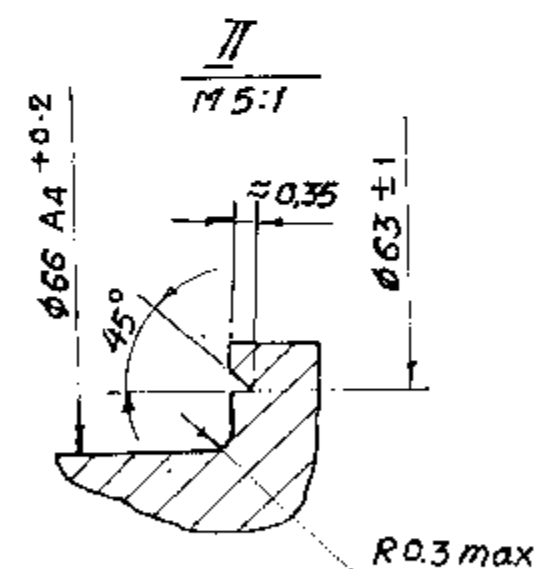
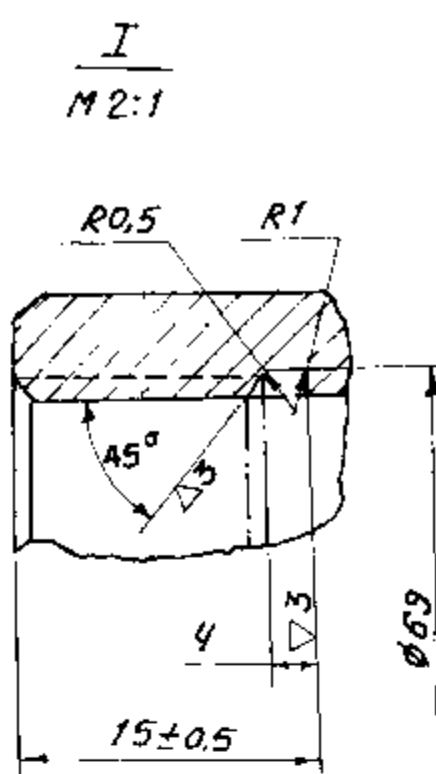
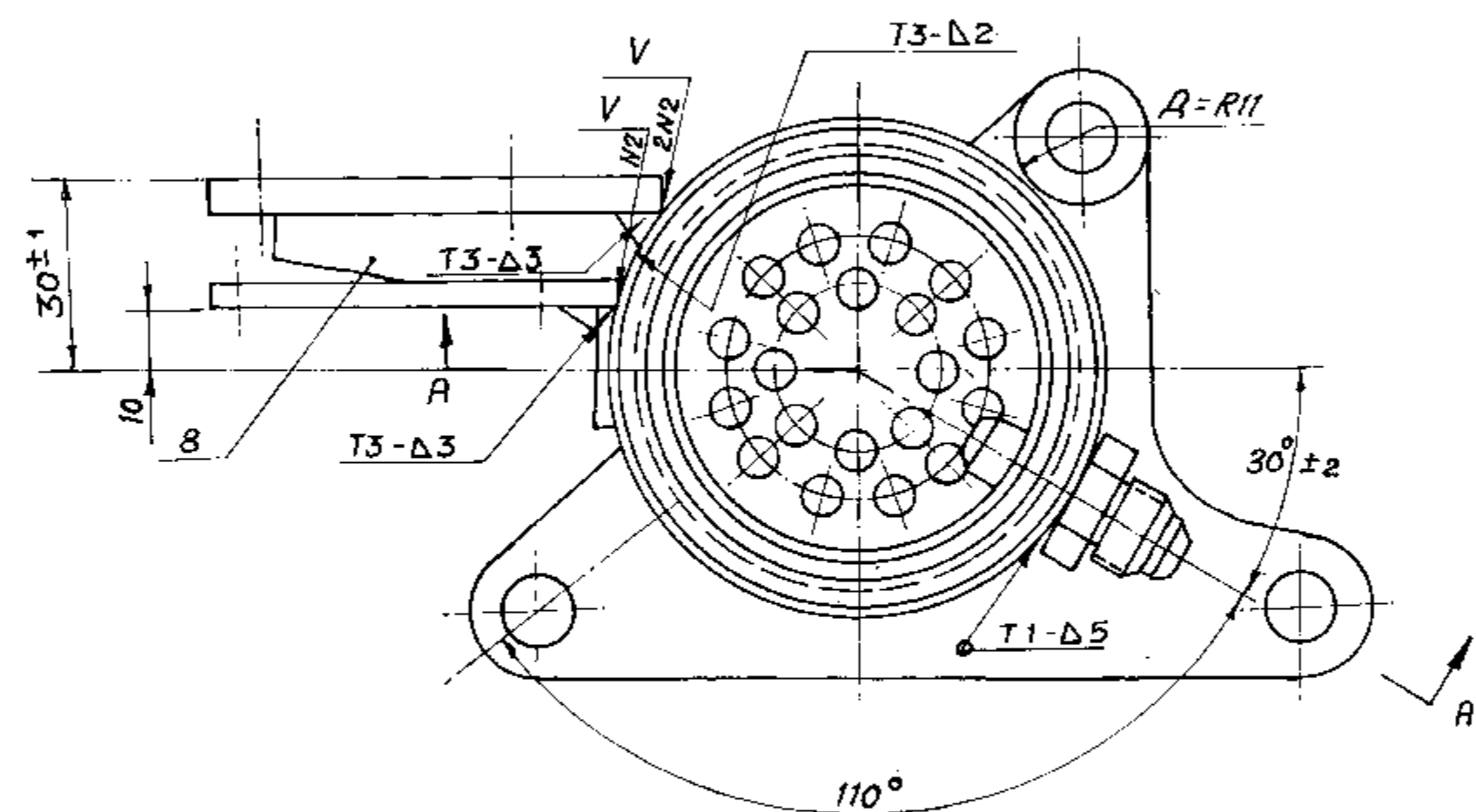
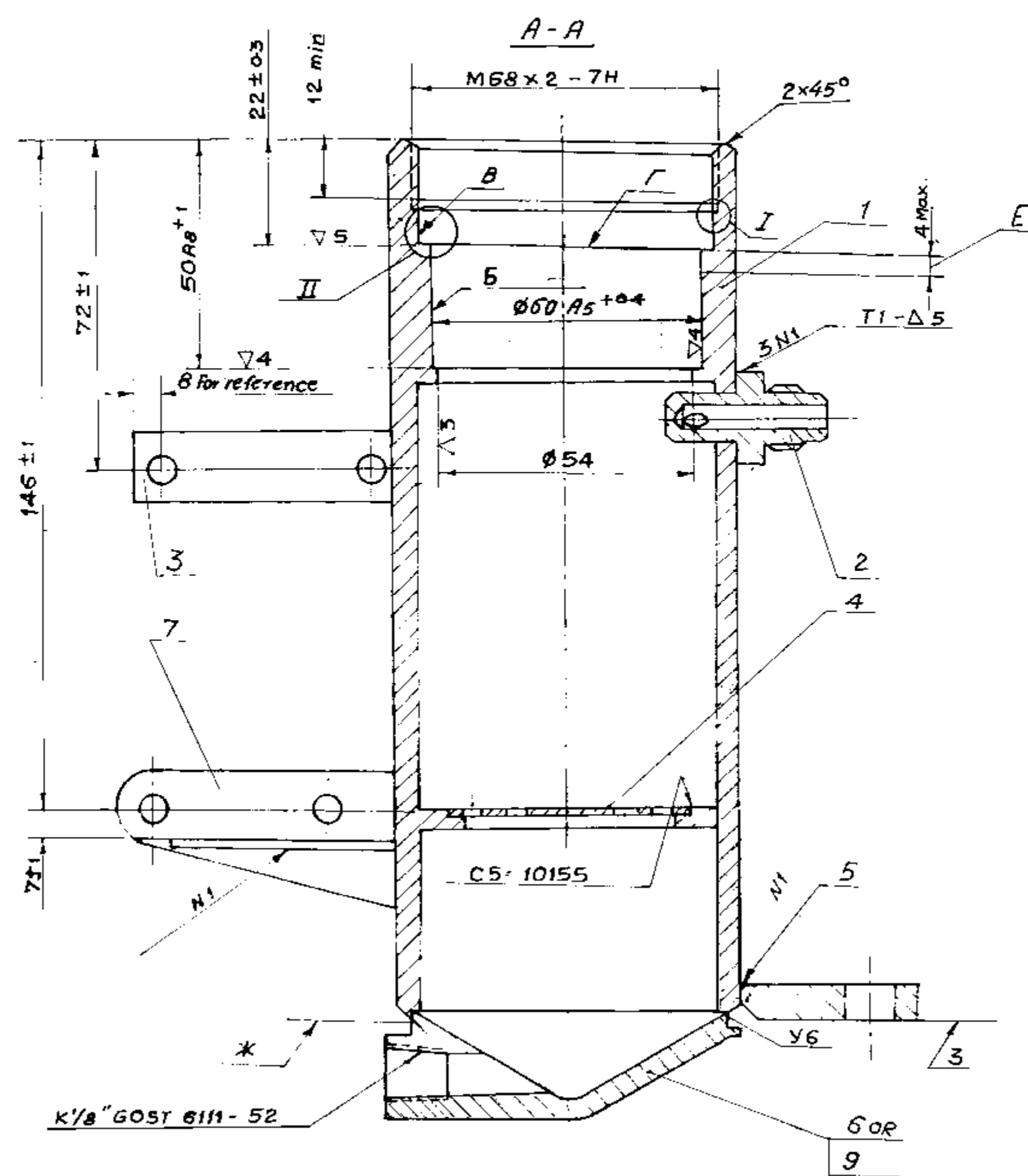
STAMP OR ETCH PART NO. MANUFACTURERS NAME & YEAR OF MFR.

USED ON: 765-78-Sb6

765-78-Sb533

AIR PRESSURE CONTROL UNIT

CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES)



TECHNICAL CONDITION

- 1 BEFORE ASSEMBLING THE PARTS CLEAN THE INTERNAL CAVITIES FROM RUST AND OTHER SURFACE DEFECTS.
2. WELDS SHOULD BE STRONG SOLID WITHOUT CRACKS, BLISTERS AND OTHER DEFECTS.
3. DRESS WELDS, BLUNT SHARP EDGES
4. PROTECT THREADED SURFACE OF UNION FROM METAL DRIPPLES DURING WELDING.
- 5 AFTER WELDING REMOVE STRESS, SAND BLAST THE INTERNAL SPACE AND COAT WITH THE BAKELITE VARNISH ЛЕС-1 GOST 901-78 AS PER INSTRUCTIONS 053.25273.00010 EXCEPT SURFACE β, γ AND THREADS. IT IS ALLOWED TO BAKELITE ALL OVER. IN THIS CASE PROTECT THREADED AND LOCATING SURFACES
- 6 TEST FOR LEAK PROOFNESS WITH WINTER FUEL 3-0.5 OR SUMMER FUEL Л-0.5 GOST 305-73 AT A PRESSURE OF $225 \pm 5 \text{ kgf/cm}^2$ FOR 5 MINUTES. LEAKAGE AND SWEATING IS NOT ALLOWED.
- 7 PRIME THE EXTERNAL SURFACE EXCEPT THREADED SURFACES WITH PRIMER 07-223, DARK GRAY GOST 14923-78
- 8 MARK ON PART REF. No 2 SHOULD BE TURNED UPWARDS DEVIATIONS FROM VERTICAL LINE SHOULD NOT EXCEED 2mm TO ANY SIDE.
- 9 WHILE TACKING REF No 3,4 BURNING THROUGH IS ALLOWED.
- 10 WITH RESPECT TO THE ANGULAR DIAMETER OF THREAD THE FOLLOWING IS ALLOWED
 - a) RUN-OUT OF SURFACE β AND B SHOULD NOT EXCEED 0.1mm (QUALIFIED TOLERANCE)
 - b) RUN-OUT OF SURFACE γ SHOULD NOT EXCEED 0.06 mm.
11. WELD IS NOT ALLOWED ON TOP AND BOTTOM ON SECTION. LIMITED BY RADIUS R
13. IT IS ALLOWED TO MAKE THE SETTLER ALONG THE CONVENTIONAL DOTTED LINE.
15. DEVIATIONS OF SURFACES X/ AND 3 FROM THE COMMON MATING PLANE SHOULD NOT EXCEED 1mm.
16. ABSENCE OF BAKELITE ON SECTION E OF SURFACE β IS ALLOWED.
17. MAKE WELDS AS PER GOST 14771-76.

| | | | | |
|---|-------------|--------------------------|---|--|
| 6 | 765-78-1242 | BOTTOM | 1 | One piece may be replaced by Ref. No 9 |
| 9 | 765-78-1712 | BOTTOM | 1 | One piece may be replaced by Ref. No 8 |
| 8 | 765-78-1579 | CORNER PLATE | 1 | |
| | | ENAMEL n φ-223 DARK GREY | | |
| | | PRIMER φn-03K | | |
| | | BAKELITE VARNISH | | |
| 7 | 765-78-1243 | STRAP | 1 | |
| 3 | 765-78-1568 | STRAP | 1 | |
| 5 | 765-78-1241 | FLANGE | 1 | |
| 4 | 765-78-1240 | GRID | 1 | |
| 2 | 765-78-1238 | UNION | 1 | |
| 1 | 765-78-1237 | BODY | 1 | |

| REF No. | Designation | Description | Qty. | Remarks |
|--|-------------|--|---|---------|
| MATERIAL | | ISSUE DATE | AMENDMENTS | |
| ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF. DRG. NOT TO BE SCALED | | ALL THREADS TO CONFORM TO SPECIFICATION. | STAMP OR ETCH, PART NO., MANUFACTURER'S NAME & YEAR OF MFR. | |
| SCALE: - 1:1 | | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | USED ON: - 765-78-C6 533 | |
| DATE: - 22-03-2004 | | DRN. (Signature) WT: -(Kg) | GOST CAT No. LV2/REV 2340-000997 | |
| TCD. (Signature) | | 2-47 | 765-78-C6 534 | |
| CHD. (Signature) | | SETTLER | | |
| APD. (Signature) | | | | |
| CONTROLLERATE OF QUALITY ASSURANCE (INFANTRY COMBAT VEHICLES) | | | | |

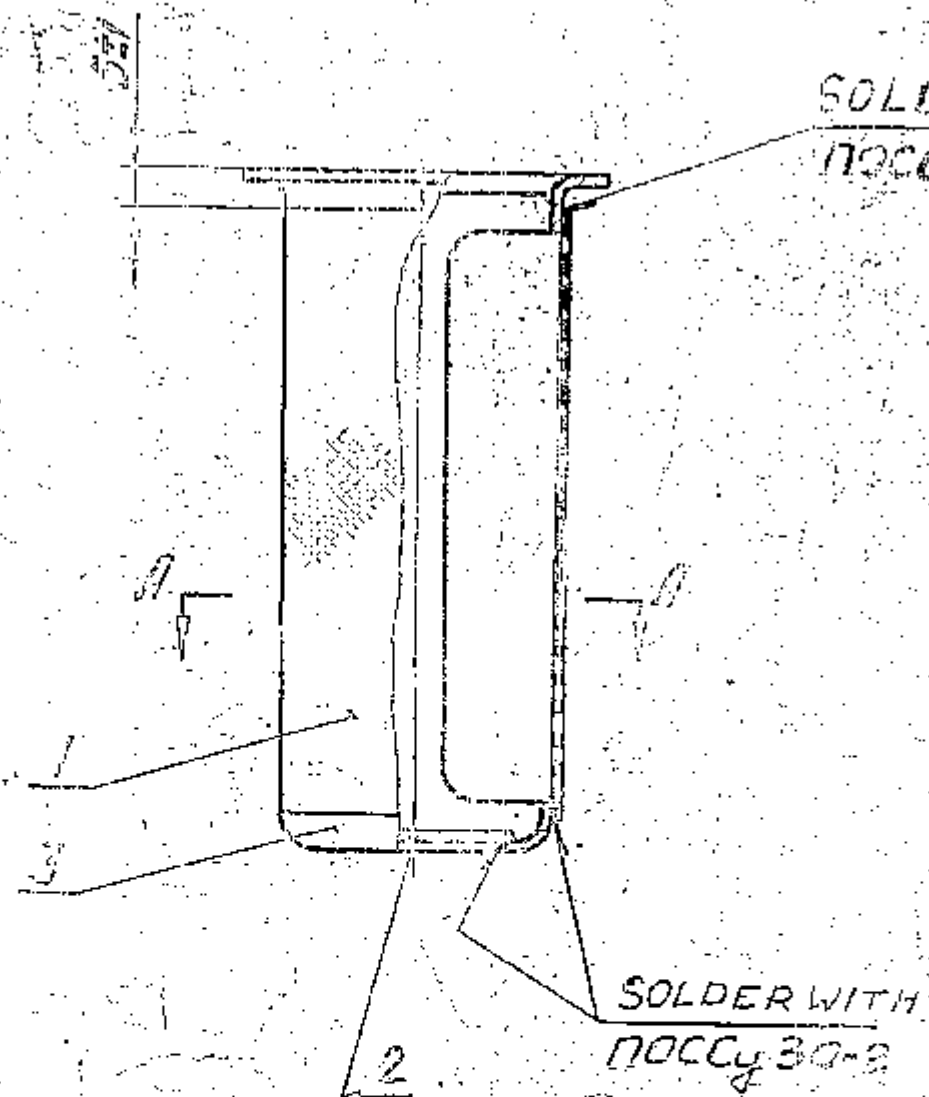
00071-10V
030604
22-3-04
DC (U) No
4 DATE

DS CAT No. ADDED

DRG. REVISED AND RETRACED

ISSUE AMENDMENTS.

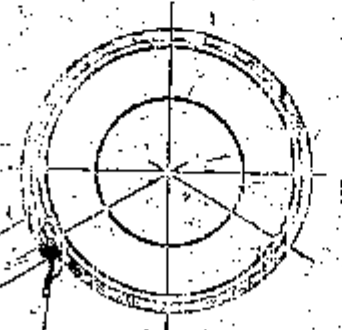
765-78-1245



SOLDER WITH
ПОССУ 30-2

SOLDER WITH
ПОССУ 30-2

A-A



SOLDER WITH
ПОССУ 30-2

1. SOLDERED SEAM SHOULD BE LOCATED OPPOSITE TO ONE OF THE
WEBS OF BODY.

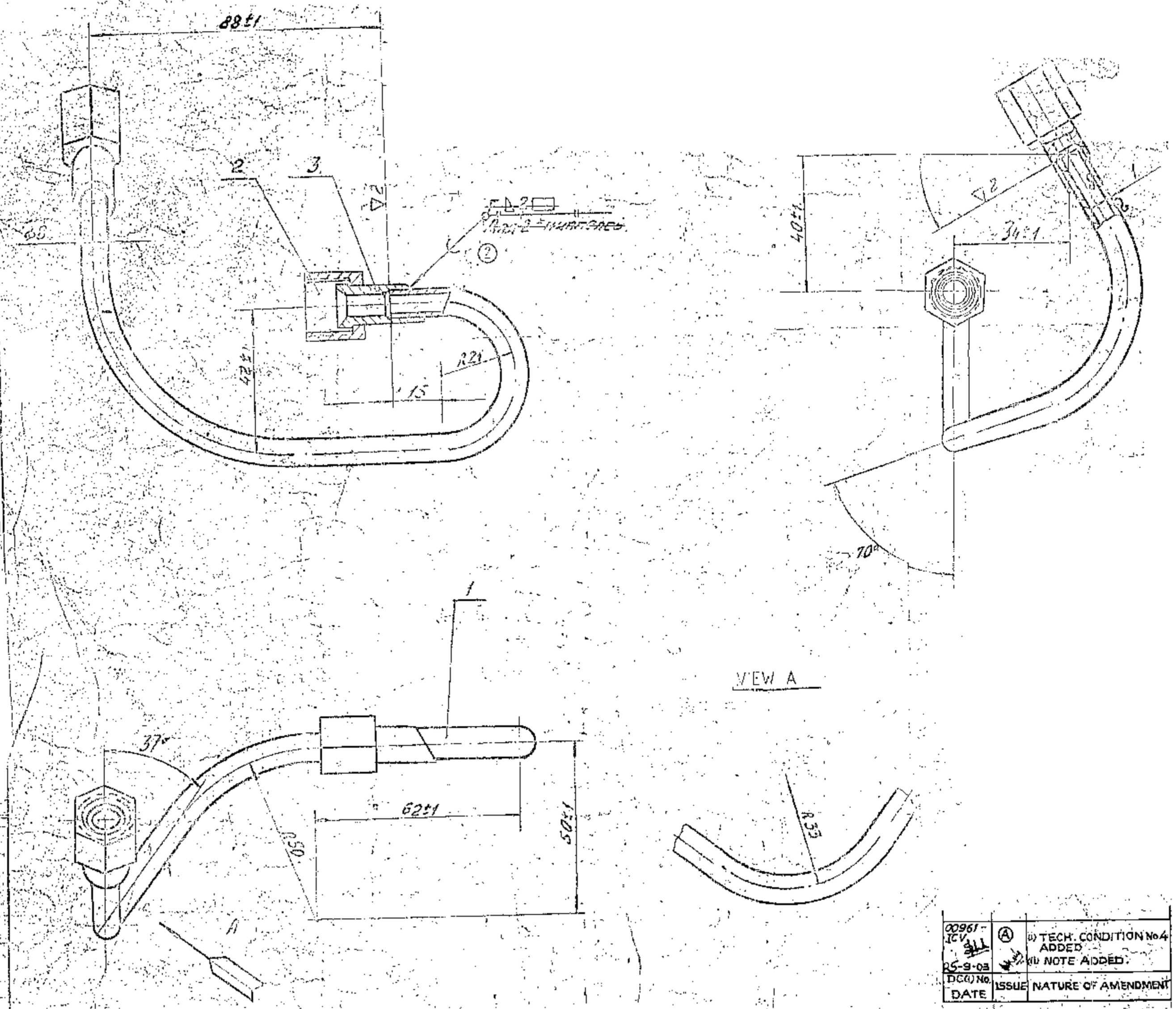
| REF NO | DESIGNATION | DESCRIPTION | QTY | REMARKS |
|--------|-------------|-------------|-----|---------------|
| | | SOLDER | | ПОССУ 30-2 |
| | | | | ГОСТ 21931-76 |
| 3 | 765-78-1246 | BODY | 1 | |
| 2 | 765-78-1245 | GAUZE | 1 | |
| 1 | 765-78-1244 | GAUZE | 1 | |

| | | | |
|---|------------------|---|--|
| MATERIAL: — | | STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR. | |
| ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF | | ALL THREADS TO CONFORM TO SPECIFICATION | |
| DRG. NOT TO BE SCALED | | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | |
| SCALE: — 1:1 | | USED ON: — | |
| DATE: — 20-06-95 | | FILTER | |
| DRN: SP-Roboy | WT: — (kg) 0.045 | | |
| TCD | | 765-78-C8535 | |
| CHD | | | |
| APD: Bob | | | |

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

Имя, фамилия, Подпись и дата Взам.инв.№ Числ. дубл. Подп. и дату
765-78-1245 20-06-95

765-78-1248-1



- 1) Make part Ref.No. 1 from pipe 8x1 -20-A, GOST19277-73 Weight is 0.019.
 - 2) Test pipe for leakproofness with air in water bath at a pressure of 160±10 kg/cm² for one minute. Appearance of air bubbles are not allowed.
 - 3) Other requirements are as per 765-78-101 TT.
- Ⓐ) ITEM No. 1, PIPE DEVELOPED LENGTH IS 255 ± 3 mm.

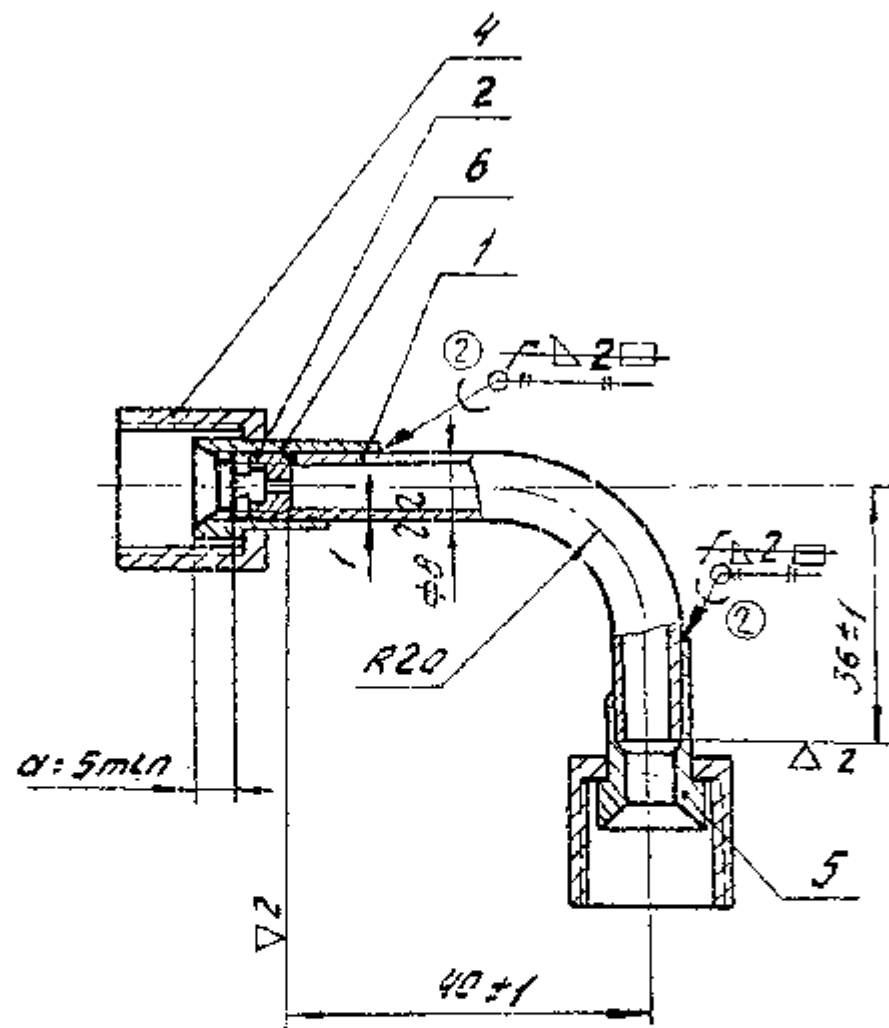
Ⓐ NOTE: OFMK WILL PROVIDE SEALED SAMPLES TO THE SUPPLIER FOR GUIDENCE DURING MANUFACTURING OF THE ITEM.

| | | | |
|----------|-------------|----------------|-------------------|
| | | Enamel ПФ-223 | |
| | | Blue | |
| | | Primer ФП-03-K | |
| | | Varnish ГФ-95 | |
| 3 | 700-57-403 | Nipple | 2 |
| 2 | 700-30-241 | Union nut | 2 |
| 1 | 765-78-1248 | Pipe | 1 Without drawing |
| Ref. No. | Designation | Description | Qty Remarks |

| | | | |
|---------|------|-------|-----------------------------|
| 00961 | ICV | Ⓐ | TECH. CONDITION No. 4 ADDED |
| 25-9-03 | DATE | ISSUE | NATURE OF AMENDMENT |

| | | |
|--|---|---|
| MATERIAL | | |
| ALL SHARP EDGES & CORNERS TO BE ROUNDED OFF | ALL THREADS TO CONFORM TO SPECIFICATION | STAMP OR ETCH. PART NO. MANUFACTURERS NAME & YEAR OF MFG. |
| UNCL. NOT TO BE SCALED | | |
| SCALE :- 1:1 | TOLERANCE ON DIMENSIONS UNCL. -55 OTHERWISE SPECIFIED | USED ON:- 765-78-06533 |
| DATE :- 20-6-95 | | |
| DRN: <i>Basnov</i> | WT :- (kg) 0.068 | 765-78-06536 |
| TC: <i>78</i> | | |
| CHL | | PIPE |
| APD: <i>Bas</i> | | |
| CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | |

765-78-Sb537



- Ⓐ1. Make part , Ref.No.1; from pipe 8x1 20A GOST 19277-73, weight is 0,015.
2. Test pipe for leak proofness with air in water bath at a pressure of $160 + 10 \text{ Kg/Cm}^2$ for 1 minute. Appearance of air bubbles is not allowed.
3. Screw the jet into nipple as far as it will go so that dimension "α" is provided.
4. Other requirements are as per 765-78-101TT:

| | | | | |
|---|-------------|-----------------------------|---|--------------|
| | | PRIMER $\phi 103 \text{ K}$ | | |
| | | ENAMEL $\Gamma \phi - 223$ | | |
| | | BLUE | | |
| | | VARNISH $\Gamma \phi - 95$ | | |
| 6 | 700-57-404 | NIPPLE | 1 | |
| 5 | 700-57-403 | NIPPLE | 1 | |
| 4 | 700-30-241 | UNION NUT | 2 | |
| 2 | 765-78-1257 | JET | 1 | |
| 1 | 765-78-1249 | PIPE | 1 | With out drg |

| | | |
|---------|-------|---------------------|
| 28-1-03 | Ⓐ | D.O. CORRECTION |
| DCO No | ISSUE | NATURE OF AMENDMENT |
| DATE | | |

| | | |
|--|--|---|
| MATERIAL:- | | |
| ALL SHARP EDGES & CORNERS TO BE ROUNDED OF DRG. NOT TO BE SCALED | ALL THREADS TO CONFORM TO SPECIFICATION | STAMP OR ETCH, PART NO. MANUFACTURERS NAME & YEAR OF MFR. |
| SCALE: 1:1 | TOLERANCE ON DIMENSIONS UNLESS OTHERWISE SPECIFIED | USED ON: 765-78-Sb533 |
| DATE:- 20-6-95 | | |
| DRN. <i>zafar</i> | WEIGHT: (Kg.) 0.065 | 765-78-Sb537
PIPE |
| TCD. <i>gce</i> | | |
| CHD. <i>gce</i> | | |
| APD. <i>gce</i> | | |
| CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES) | | |

| FORMAT | ZONE | REF. NO. | DESIGNATION | DESCRIPTION | QTY | REMARKS |
|--------|------|----------|-----------------|-------------------------|-----|----------|
| | | | | <u>TECHNICAL PAPERS</u> | | |
| 12 | ✓ | | 765-78-c6850 cb | Assembly drawing | | |
| | | | | <u>PARTS</u> | | |
| 17 | 1 ✓ | | 765-78-1719 | Gauge | 1 | |
| 64 | 2 | | 765-78-1701 | Filter body | 1 | 0.005 Kg |
| | | | | Material:- Polymide 610 | | w/o |
| | | | | casting, GOST 10589-73 | | |

| | | | | | |
|--------|--------------|----------------------|--------|--------------------------|----------------------|
| DCU No | ISSUE | NATURE OF AMENDMENTS | DCU No | ISSUE | NATURE OF AMENDMENTS |
| DATE | | | DATE | | |
| DRN. | FILTER | | | DATE 19-05-99 | |
| TCD. | 765-78-C6850 | | | PERTAINS TO 765-78-C6853 | |
| CHD. | | | | SHEET | SHEETS |
| APPD. | | | | OF | |

CONTROLLERATE OF QUALITY ASSURANCE
(INFANTRY COMBAT VEHICLES)

Ty218-K
Air Filter
Procurement Specification

CONTROLLERATE OF INSPECTION
(INFANTRY COMBAT VEHICLES)
SECUNDERABAD

1. Purpose

1.1. Air filter is intended for cleaning air from mechanical impurities.

2. Technical Data

- 2.1. Working pressure up to 160 kgf/cm².
- 2.2. Mass 0.28 kg.
- 2.3. Ambient temperature from -45 to +60 °C.
- 2.4. Guaranteed service life of item according to record on agreed use.

3. Acceptance Tests

Carry out acceptance tests in compliance with technical requirements of Drawing 218-K.

4. Preservation and Depreservation

Carry out preservation and depreservation of air filter in compliance with Supplier's Instructions MMJ-128.

5. Packing and Transportation

Preserved filters are placed into box V-01-c6120 so that they could not shift during transportation.

Each box should contain Certificate and preservation label wrapped into paraffined paper.

Certificate is filled in for a batch of filters placed into one box. During transportation boxes should be protected against atmospheric precipitations.

Appendix: Certificate copy

3. Set-Making

Absent

4. Guaranteed Service Life

5. Preservation

Units are preserved.

Prior to installation on item, remove packing paper from filter, protect filter inner chambers from getting of paraffine.

No additional de preservation is required.

Appendix

Certificate copy

Certificate for air filters 218-K

No. _____

Qty _____ pc(s)

1. Acceptance Certificate

Air filters 218-K No. _____ have been manufactured by the Supplier in compliance with approved specifications, tested, checked by QCD and found fit for service.

2. Technical Data

2.1. Working pressure 150 kgf/cm²

2.2. Mass 0.28 kg

QCD official

Stamp

here

(signature)

" "