

TEST FOR COMPLETE ASSEMBLY.

PRESSURE.

MUST NOT LEAK WHEN
SUBJECTED FOR 3 MINUTES
TO AN INTERNAL AIR
PRESSURE OF 30 P.S.I.

FLOW:-

THE RESISTANCE AT
100 G.P.H. SHALL NOT
EXCEED AN AMOUNT
EQUAL TO A 6" HEAD
OF FUEL.

SUITABLE FOR USE IN PETROL OR
METHANOL - WATER SYSTEM.

FULL SIZE.

ITEM NO.	A.G.S. NO.	DESCRIPTION	NO OFF	REMARKS.
1	1015 SHE 2	CASING TOP HALF ASSY.	1	SIMILAR TO A.G.S. 939 PARTS 1 & 3.
2	1015 " 3	CASING BOTTOM HALF ASSY.	1	" " " " " 2, 5 & 6.
3	1015 " 4	STRAINER ASSY.	1	" " " " " PART 11.
4	1015 " 5	STIRRUP	1	" " " " " 7.
5	1015 " 5	STIRRUP NUT	1	" " " " " 8.
6	1015 " 6	STIRRUP DISTANCE PIECE	1	" " " " " 8.
7	1015 " 6	EYE BOLT	1	" " " " " 10.
8	194/31	TAB WASHER	1	
9	207/G	UNION LOCKNUT	1	
10	1551/2	LOCKING PIN	1	
11	597/E	PROTECTION CAP	2.	

TITLE FILTER FUEL TYPE A *
100 GALLONS PER HOUR

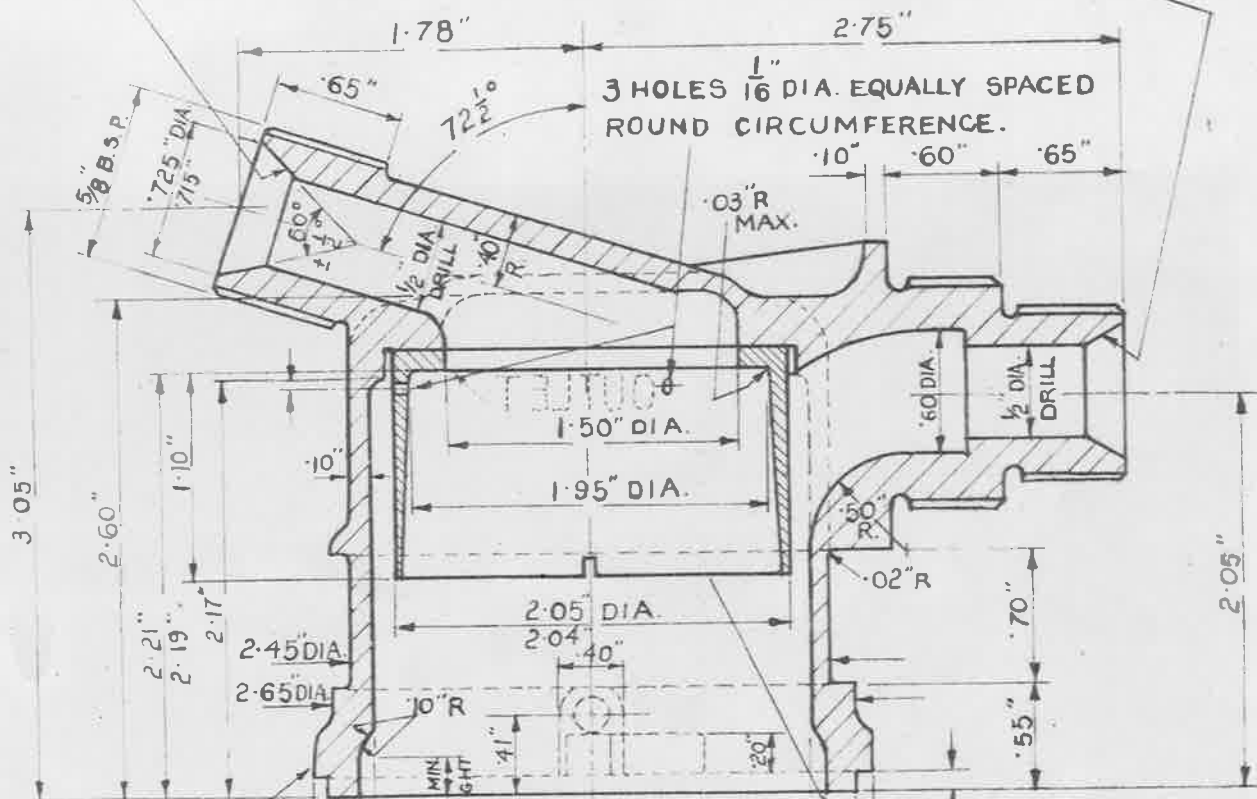
ISSUE 1
ALT. N° MOD A.G.S. 726

MINISTRY OF SUPPLY.
APPLICATIONS FOR A.G.S. SHEETS TO:-
R.T.P. 4A, THAMES HOUSE, MILLBANK, S.W.1.
GENERAL INQUIRIES TO:-
AD. S.A.E. THAMES HOUSE, MILLBANK, S.W.1.

R.A.E. APPROVAL		AD. S.A.E. APPROVAL	
SIGNATURE	DATE	SIGNATURE	DATE
	12.7.48		21.9.48
SHEET NO	1	A.G.S. NO. 1015.	
NO OF SHEETS	6		

CONE, FINISHED SMOOTH, FREE FROM TOOL MARKS
TO BE CONCENTRIC WITH THREAD WITHIN .005" T.C.R.

A.G. S. 1015



CASING TOP HALF.

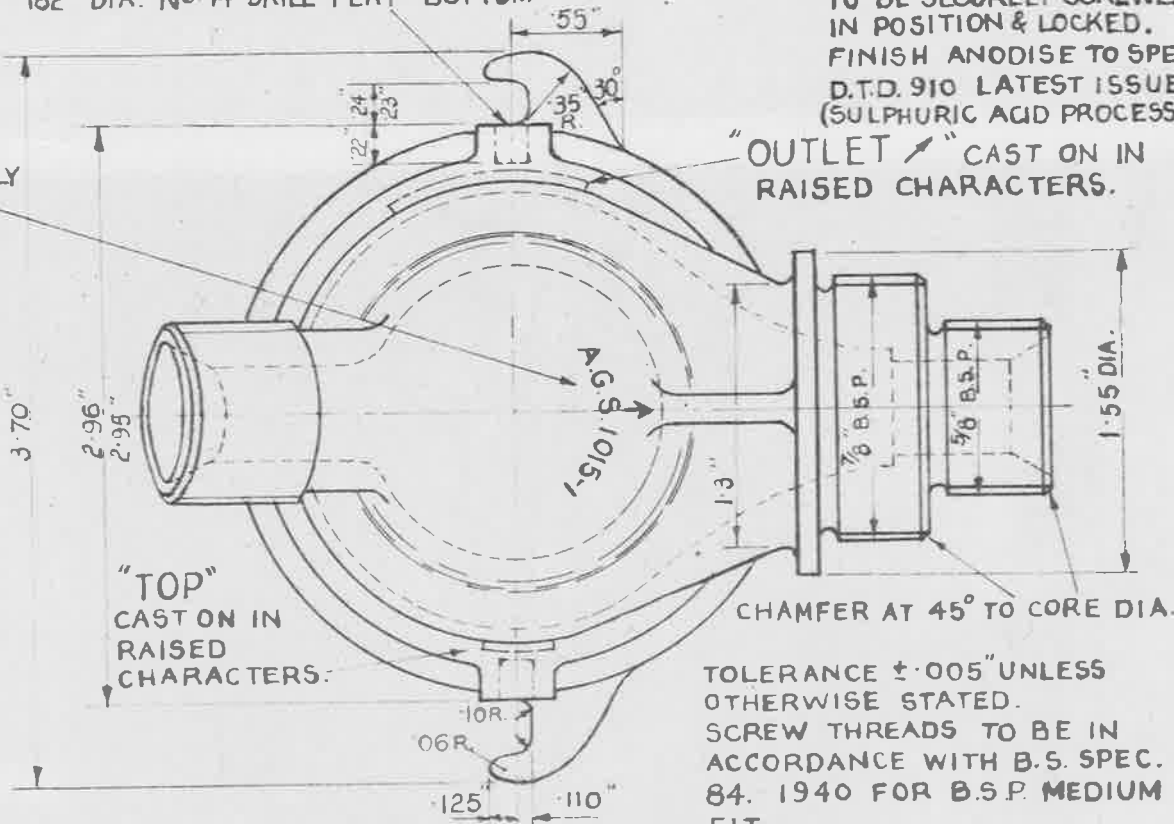
ALUMINIUM ALLOY TO SPEC.
D.T.D. 424 LATEST ISSUE.
FINISH ANODISE TO SPEC.
D.T.D. 910 LATEST ISSUE
(SULPHURIC ACID PROCESS)

2 HOLES .182" DIA. NO 14 DRILL FLAT BOTTOM

SCREEN.

ALUM ALLOY SPEC. D.T.D. 424
LATEST ISSUE
TO BE SECURELY SCREWED
IN POSITION & LOCKED.
FINISH ANODISE TO SPEC.
D.T.D. 910 LATEST ISSUE
(SULPHURIC ACID PROCESS)

CLEARLY &
PERMANENTLY
MARK AS
SHOWN.



"TOP"
CAST ON IN
RAISED
CHARACTERS:

"OUTLET" CAST ON IN
RAISED CHARACTERS.

CHAMFER AT 45° TO CORE DIA.

TOLERANCE ± .005" UNLESS
OTHERWISE STATED.
SCREW THREADS TO BE IN
ACCORDANCE WITH B.S. SPEC.
84. 1940 FOR B.S.P. MEDIUM
FIT.

FULL SIZE.

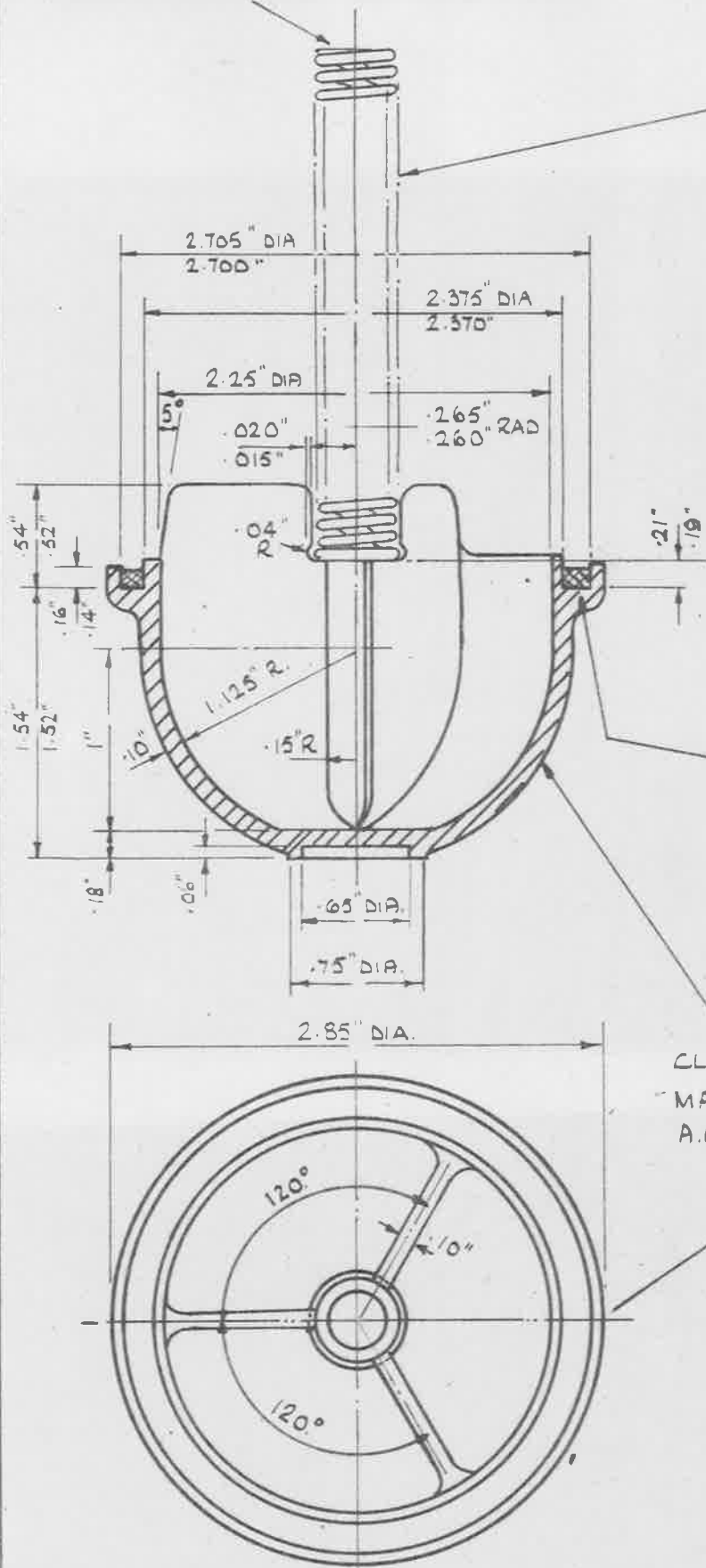
TITLE:- FILTER FUEL TYPE A *
CASING, TOP HALF, ASSY.

ISSUE 1
ALT NO MOP
AGS/726

MINISTRY OF SUPPLY
APPLICATIONS FOR A.G.S. SHEETS TO
RTR. 4A. THAMES HOUSE, MILLBANK, S.W.1.
GENERAL INQUIRIES TO:-
A.D. S.A.E. THAMES HOUSE MILLBANK, S.W.1.

R.A.E. APPROVAL		A.D. S.A.E. APPROVAL	
SIGNATURE	DATE	SIGNATURE	DATE
<i>S.H. Datta</i>	12-7-48	<i>G. G. G...</i>	21/7/48
SHEET NO.	2	A.G. S. NO 1015	
NO OF SHEETS	6		

THIS END GROUND FLAT FOR $\frac{3}{4}$ OF A TURN.



SPRING

STEEL TO SPEC. NO D.T.D 326
LATEST ISSUE
16. S.W.G. .064"
INSIDE DIA. .36" MIN.
OUTSIDE DIA. .51" MAX.
ONE END COIL TO BE $\frac{.55}{.54}$ "
OUTSIDE DIA. TO ACT
AS RETAINER.
FREE LENGTH 3" APPROX.
TO GIVE A LOAD OF $7\frac{1}{4} \pm \frac{1}{2}$ LB.
WHEN COMPRESSED TO
2.31" LENGTH.
FINISH. CLEAN.

JOINTING WASHER

RUBBER TO PROV. SPEC. NO.
D.T.D 560. QUALITY . P.
TYPE I. GRADE D.
OUTSIDE DIA 2.67 "
 2.65 "
INSIDE DIA 2.37 "
 2.35 "
THICKNESS. $.105$ "
 $.095$ "

CLEARLY AND PERMANENTLY.
MARK BROAD ARROW AND
A.G.S. 1015-2 ON THIS FACE.

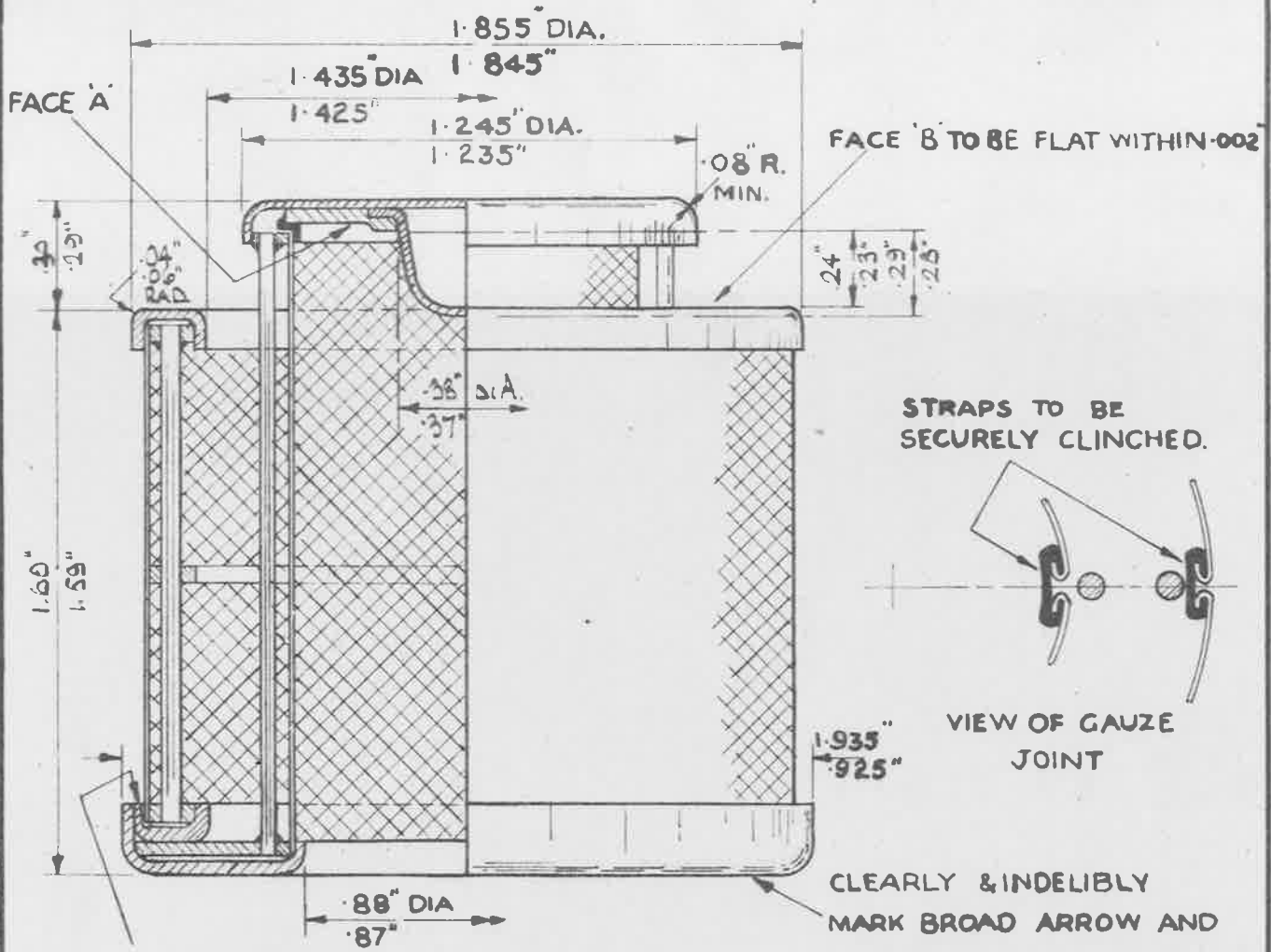
CASING BOTTOM HALF.

ALUMINIUM ALLOY TO
SPEC. NO D.T.D 424.
LATEST ISSUE.
FINISH ANODISED TO
SPEC. NO D.T.D. 910 (LATEST ISSUE).
(SULPHURIC ACID PROCESS)
TOLERANCE TO BE $\pm .005$ "
UNLESS OTHERWISE STATED.

2

FULL SIZE

TITLE:- FILTER FUEL TYPE A * CASING, BOTTOM HALF, ASSY.	ISSUE	1				
	ALT. NO	M00 AGS/726				
MINISTRY OF SUPPLY. APPLICATIONS FOR A.G.S. SHEETS TO:- R.T.P. 4A, THAMES HOUSE, MILLBANK S.W.1. GENERAL INQUIRIES:- AD. S.A.E THAMES HOUSE, MILLBANK, S.W.1.	R.A.E. APPROVAL.			AD. S.A.E. APPROVAL.		
	SIGNATURE	DATE	SIGNATURE	DATE		
		(2-7-48)	RETRACED, D.A.P. GAE 2.1.28	24/9/48		
	SHEET NO	3	A.G.S NO. 1015.			
NO OF SHEETS	6					



THIS CULOT TO BE AN EASY PUSH FIT INTO OUTER FLANGED RING SO AS TO BE EASILY SEPARATED FOR CLEANING.

CLEARLY & INDELIBLY MARK BROAD ARROW AND AGS.1015-3 ON THIS FACE.

GAUZE

GAUZE INNER: MESH 80 WIRE 39 SWG (.0052") OR 40 SWG (.0048")

THE SAME GAUGE OF WIRE TO BE USED ON WARP AND WEFT.

GAUZE OUTER: MESH 100±2 x 120±4 WIRE 100 MESH 40 SWG (.0048")

WIRE 120 MESH 41 SWG (.0044") WEIGHT 2¾ - 2½ OZS. PER SQ. FT.

GAUZE TWILL WOVEN IN BRASS OR PHOS. BRONZE & FINISHED CLEAN.

INNER GAUZE MUST BE ASSEMBLED ON THE INSIDE & OUTER GAUZE ON THE OUTSIDE OF THEIR RESPECTIVE SUPPORTS.

THE GAUZE AREA MUST BE FREE FROM KINKS AND ALL JOINTS

SECURELY MADE WITHOUT GAPS TOTAL MINIMUM EFFECTIVE FILTER AREA

11.66 SQ. INS.

BODY

MATERIAL BRASS TO SPEC BS 265 LATEST ISSUE & HARD DRAWN BRASS WIRE FABRICATED AND SECURELY SOLDERED.

FINISH

TINNED TO SPEC DTD 924 (LATEST ISSUE.)

GENERAL INFORMATION

WIDTH OF SOLDERED JOINTS MUST NOT EXCEED 1/8" & SOLDER MUST NOT RUN ON UNRESTRICTED FILTER GAUZE AREA FLUX RESIDUES MUST BE REMOVED REMOVE ALL SHARP EDGES

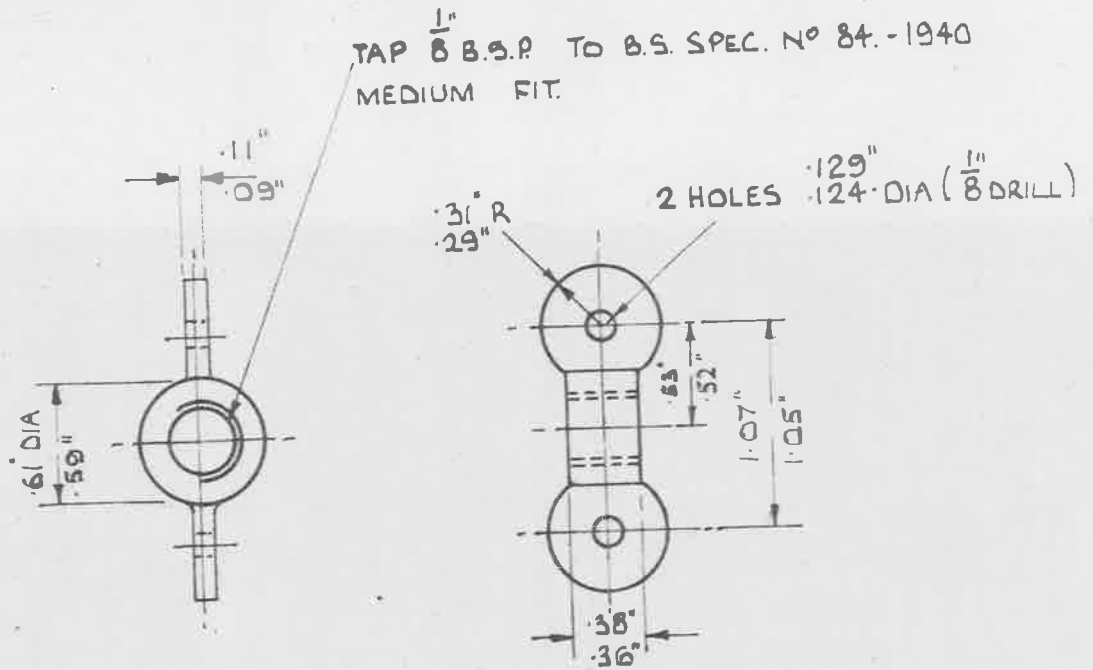
THE COMPLETE ASSEMBLY MUST WITHSTAND A STEADY UPWARD LOAD OF 18 LBS APPLIED TO FACE 'A' AND RESISTED ON FACE 'B'.

MAXIMUM WEIGHT: 3 OZS.

SCALE: - 2/1

3

TITLE: FILTER FUEL TYPE A * STRAINER ASSY. MINISTRY OF SUPPLY. APPLICATIONS FOR AGS SHEETS TO RT. P. 4A. THAMES HOUSE, MILLBANK S.W.1 GENERAL INQUIRIES TO:- AD. S.A.E. THAMES HOUSE, MILLBANK, S.W.1	ISSUE 1					
	ALT. N ^o AGS 1015					
	RAE. APPROVAL SIGNATURE	DATE	AD. S.A.E. APPROVAL SIGNATURE	DATE		
	SHEET N ^o 4 N ^o OF SHEETS 6		A.G.S. N ^o 1015.			

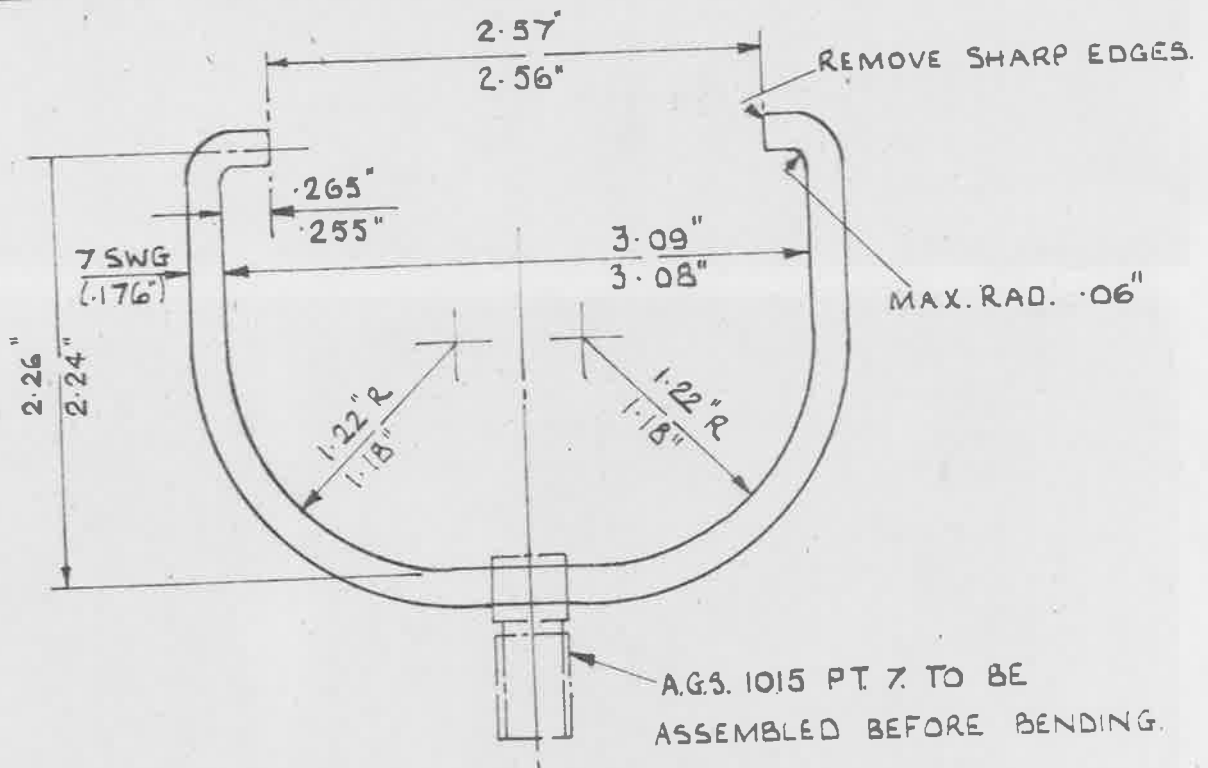


5

STIRRUP NUT

MATL:- BRASS B.S.SPEC. NO 218 (LATEST ISSUE).

FINISH:- TINNED TO SPEC D.T.D 924. (LATEST ISSUE).



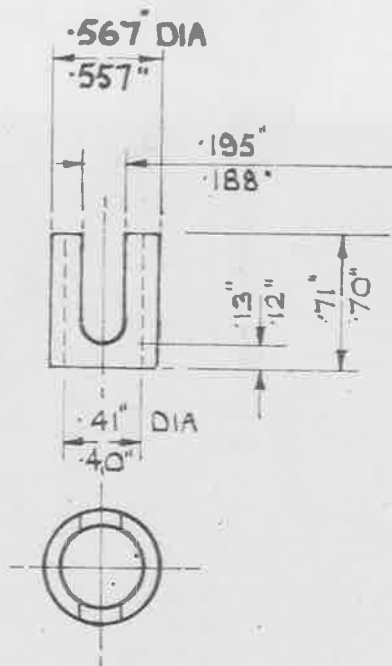
4

STIRRUP

MATL:- SPRING STEEL. SPEC. D.T.D 215 (LATEST ISSUE).

FINISH:- CADMIUM PLATED TO SPEC. D.T.D. 904 (LATEST ISSUE).
TOGETHER WITH PT. 7. (LATEST ISSUE) FULL SIZE

TITLE:- FILTER FUEL TYPE A * STIRRUP & STIRRUP NUT. MINISTRY OF SUPPLY APPLICATIONS FOR A.G.S. SHEETS TO:- R.T.P. 4A, THAMES HOUSE, MILLBANK, S.W.1. GENERAL INQUIRIES TO:- A.D.S.A.E THAMES HOUSE, MILLBANK S.W.1.	ISSUE	1					
	ALT. NO	MOD AGS 726					
	R.A.E. APPROVAL			A.D. S.A.E. APPROVAL			
	SIGNATURE	DATE	SIGNATURE	DATE			
	SHEET NO	5					
NO OF SHEETS	6	A.G.S. NO 1015					



6

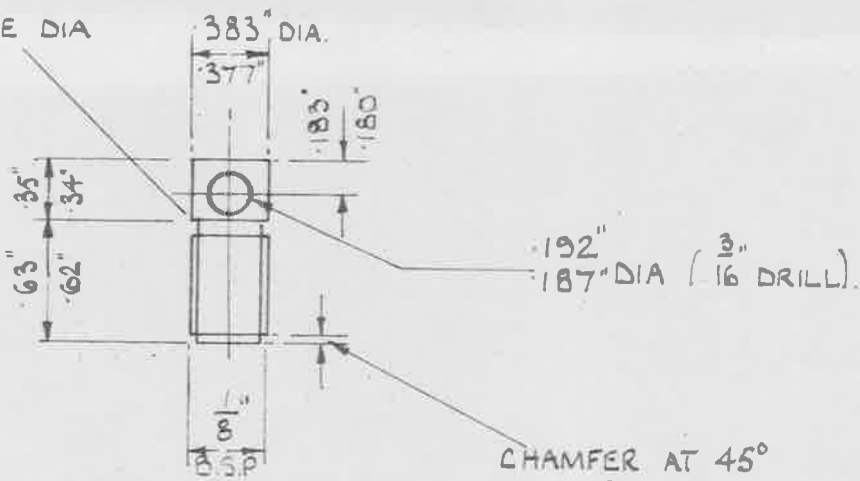
STIRRUP DISTANCE PIECE

MAT:- BRASS B.S. SPEC. N° 249 (LATEST ISSUE)

FINISH:- TINNED TO SPEC D.T.D 924. (LATEST ISSUE)

FULL SIZE

UNDERCUT TO CORE DIA
'05" WIDE.



SCREW THREAD TO B.S. SPEC. N° 84-1940 MEDIUM FIT.

7

STIRRUP EYE BOLT.

MAT:- STEEL B.S. SPEC. S.I. (LATEST ISSUE).

FINISH:- CADMIUM PLATED TO SPEC. D.T.D. 904 (LATEST ISSUE)
TOGETHER WITH PART 4.

TITLE :- FILTER FUEL TYPE A *
STIRRUP DISTANCE PIECE & EYE BOLT

ISSUE	1					
ALT. N°	MOD NGS/726.					
R.A.E. APPROVAL			A.D. S.A.E. APPROVAL			
SIGNATURE		DATE		SIGNATURE		DATE.
SHEET N°		6		A.G.S N° 1015		
N° OF SHEETS		6				

MINISTRY OF SUPPLY
APPLICATIONS FOR A.G.S. SHEETS TO:-
R.T.P. 4A. THAMES HOUSE, MILLBANK, S.W.1.
GENERAL INQUIRIES TO:-
AD. S.A.E. THAMES HOUSE, MILLBANK S.W.1.