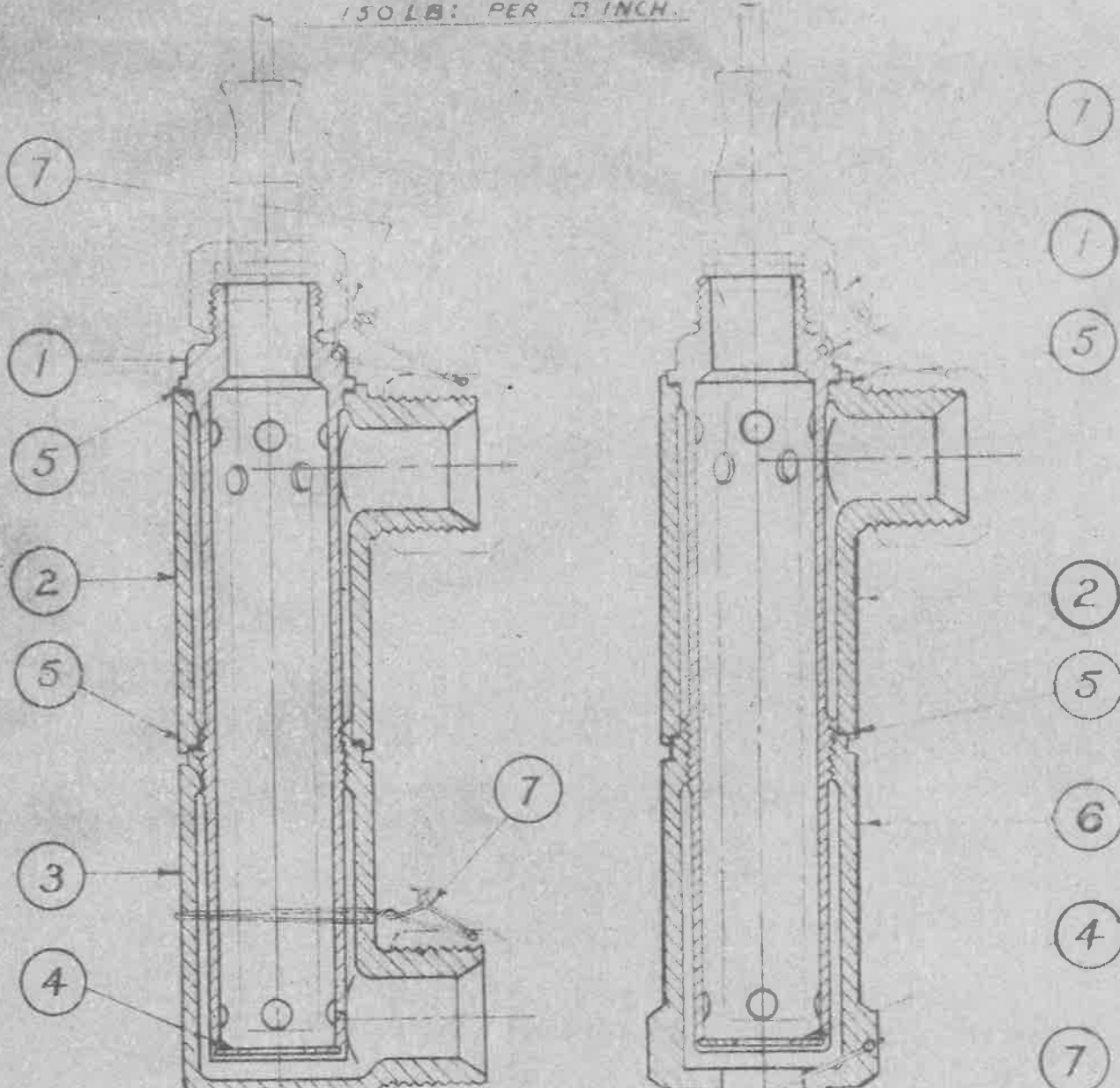


THIS DRAWING MAY ONLY BE USED FOR THE
MANUFACTURE OF ARTICLES TO BE SUPPLIED
TO THE AIR MINISTRY.

TEST PRESSURE: THE COMPLETE
POCKET IS TO WITHSTAND A
HYDRAULIC TEST PRESSURE OF
150 LB. PER SQ. INCH.

OBSOLESCE

NO FURTHER MANUFACTURE -
EXISTING STOCKS MAY BE USED UP



UNIVERSAL TYPE
A.G.S. 940/A

ELBOW TYPE
A.G.S. 940/B

TO BE LOCKED BY MEANS OF
A WIRE WHICH DESCRIBES A
RIGHT HAND HELIX ROUND
JOINT AS SHOWN. ENDS OF WIRE
TO BE BENT OVER

PART No	A.G.S. No	DESCRIPTION	No OFF	REMARKS
1	940/1	SLEEVE	1	
2	940/2	BODY CASTING	1	
4	940/4	END PLUG	1	
5	N.D.	FIBRE WASHER	2.	1.06" Ø X .92" Ø X 1/8"
7	N.D.	LOCKING WIRE	AS REQD	SEE A.G.S. NO. 769
3	940/3	BODY CASTING	1.	FOR ASSEMBLY A
6	940/6	UNION BODY (ALTERNATIVE)	1.	FOR ASSEMBLY B

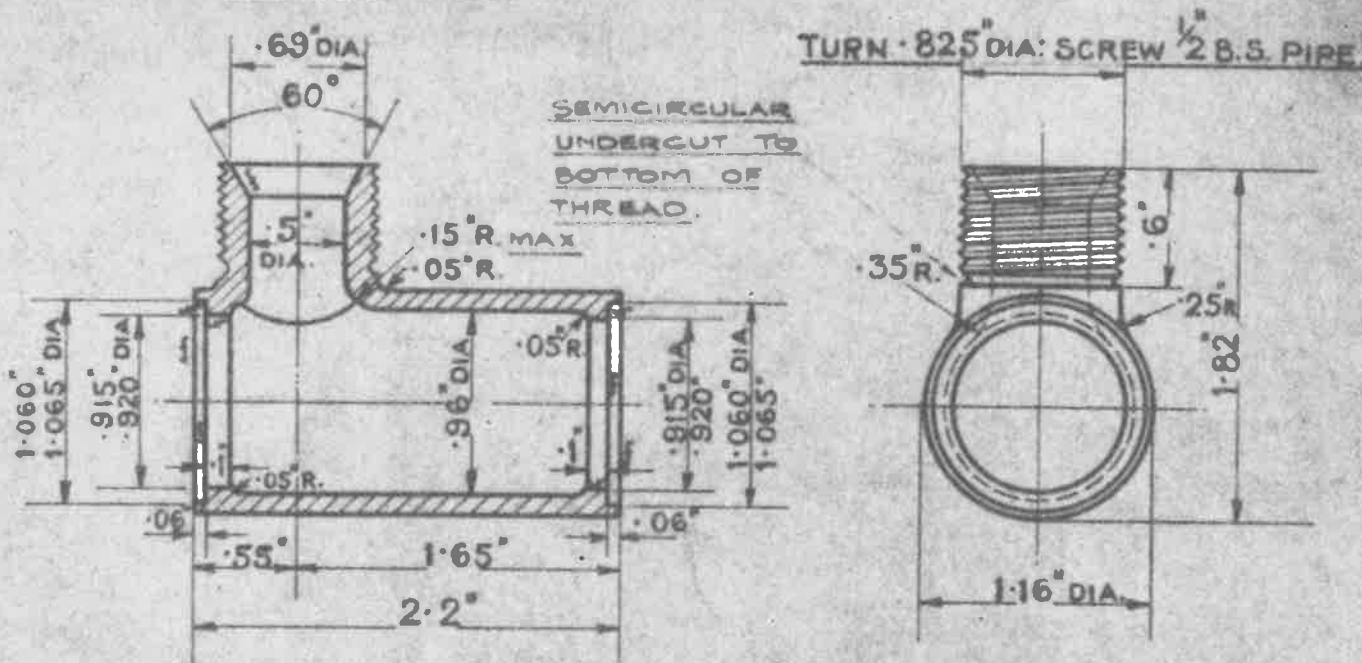
ISSUED BY DRAWING OFFICE DIRECTORATE OF TECHNICAL DEVELOPMENT AIR MINISTRY	TITLE— OIL THERMOMETER POCKET 1/2" B.S. PIPE				RETRACED FOR A.P.C.	DRAWN L. HALL	TRACED J. NEALE 21.12.35
	ISSUE No	1	2	3	4	CHECKED F.C.S. ON 5.1.36	APPROVED A. WATT 14.1.36
	ALTERATION	AGS 137	AMEND AGS/20	AGS 767	IAS 20 AGS 762		

15.0.36
01886/36

SCREW THREADS TO BE IN ACCORDANCE WITH B.S. SPEC: 84-1940 FOR B.S.P. MEDIUM FIT.

AIR MINISTRY AGS No. 940
SHEET No 2 NO OF SHEETS 3

OBSOLESCENT



BODY CASTING - PART 2.

FINISH:-
TO BE ANODISED TO
SPEC: D.T.D. 810
(LATEST ISSUE)

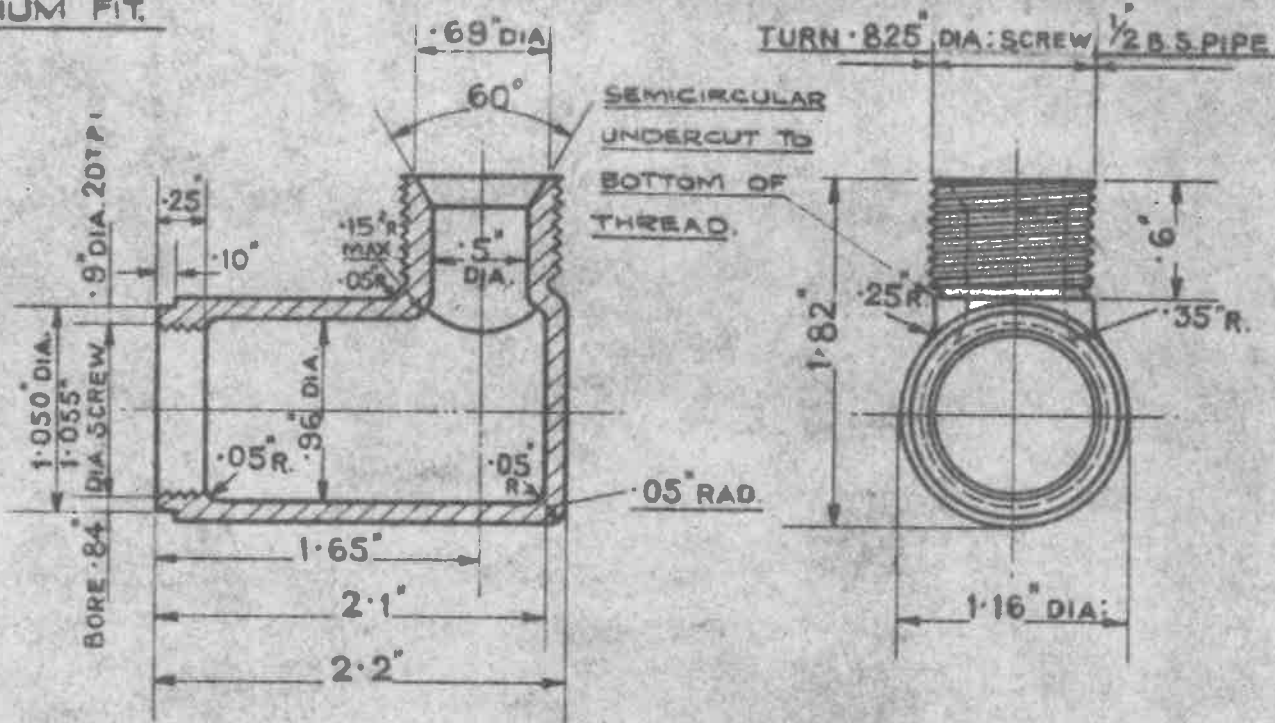
MATERIAL - ALUMINIUM. [CLASS 3 CASTING.
SPEC. N°LS.L33 OR DTD.424. SEE DRG. N°AD.15528-3.
(LATEST ISSUES) (LATEST ISSUE)]

SCALE:- FULL SIZE.

MACHINE TO f MARKS.

SCREW THREADS TO BE IN ACCORDANCE WITH B.S. SPEC 84-1940 FOR B.S.P. MEDIUM FIT.

OBSOLESCENT



BODY CASTING - PART 3.

FINISH:-
TO BE ANODISED TO
SPEC: D.T.D. 810
(LATEST ISSUE)

MATERIAL:- ALUMINIUM [CLASS 3 CASTING.
SPEC. N°LS.L33 OR DTD.424. SEE DRG. N°AD.15528-3.
(LATEST ISSUES) (LATEST ISSUE)]

SCALE:- FULL SIZE

MACHINE TO f MARKS.

DRAWN BY L. HALL		RE-TRACED K.M. 25-1-39.
TITLE - OIL THERMOMETER POCKET, 1/2 B.S. PIPE.		APPROVED A. PITTIN-1-39
ISSUE NO	1	2
DATE	1938	4
NO	317	128
AGS	162	195
AGS	162	195
AGS	162	195
AGS	162	195

15-5-36
511886/36

AGS No. 162/195

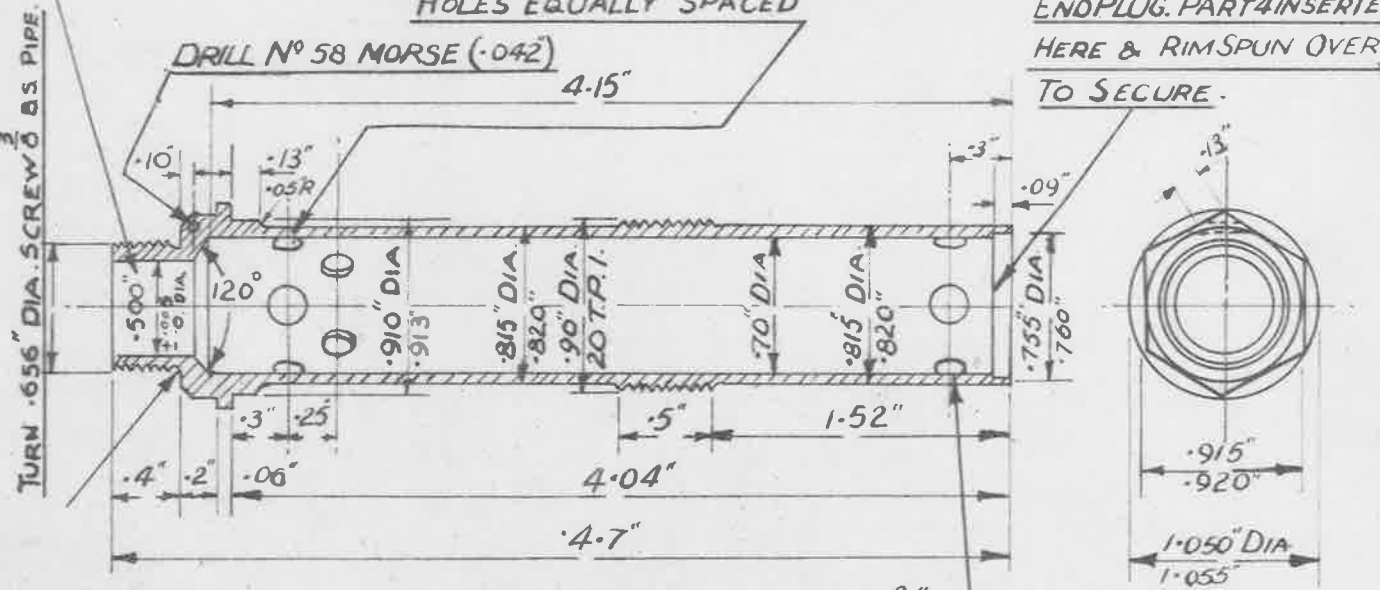
THE ECCENTRICITY OF THE HOLE TO THE 3/8" B.S. PIPE THREAD TO BE WITHIN 0.003"

MINISTRY OF SUPPLY

AGS. N^o. 940

SHEET N^o 3. N^o OF SHEETS 3

TURN .656" DIA. SCREW TO BS PIPE.



SEMI-CIRCULAR UNDERCUT TO BOTTOM OF THREAD. SCREW THREADS TO BE IN ACCORDANCE WITH B.S. SPEC: 84-1940 FOR MEDIUM FIT.

REMOVE SHARP EDGES

5-3/16 DIA. HOLES EQUALLY SPACED

SLEEVE. PART. 1

OBSOLESCE

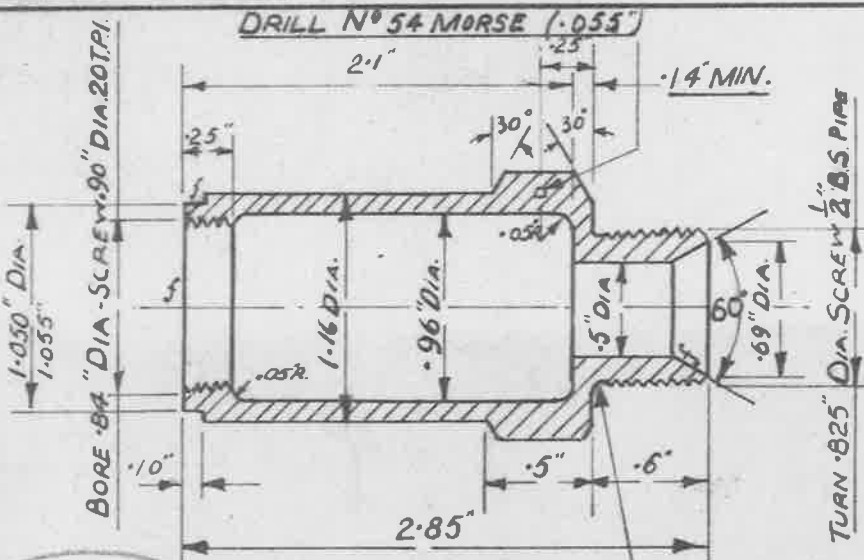
MATERIAL: MILD STEEL

SPEC: S.11.

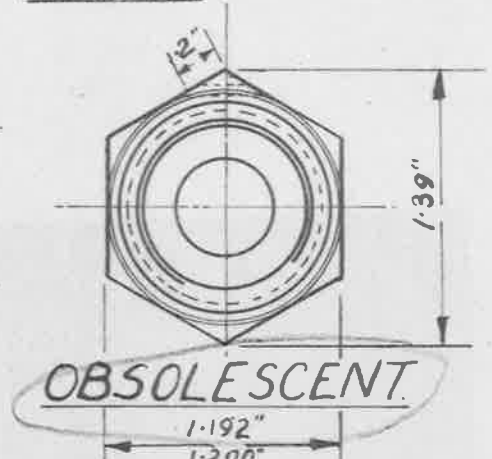
(LATEST ISSUE.)

FINISH:-- MACHINE ALL OVER CADMIUM PLATED TO SPEC: D.T.D. 904. (LATEST ISSUE)

SCALE: FULL SIZE.



SCREW THREADS TO BE IN ACCORDANCE WITH B.S. SPEC: 84-1940 FOR MEDIUM FIT.



FINISH TO BE ANODISED TO SPEC: D.T.D. 910 (LATEST ISSUE)

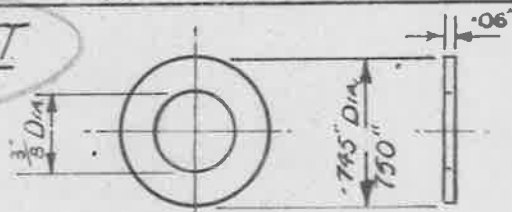
UNION BODY PART. 6.

MATERIAL: ALUMINIUM SPEC: L5, L33 OR D.T.D. 424 (LATEST ISSUES)

CLASS 3 CASTING SEE DRG. N° AD15528-3 (LATEST ISSUE)

MACHINE TO f MARKS

OBSOLESCE



FINISH:-- TO BE CADMIUM PLATED TO SPEC: D.T.D. 904. (LATEST ISSUE)

MATERIAL: MILD STEEL SPEC: S6. (LATEST ISSUE)

SCALE FULL SIZE

END PLUG. PART 4

MACHINE ALL OVER

ISSUED BY ROYAL AIRCRAFT	TITLE:- OIL THERMOMETER POCKET 1/2" B.S. PIPE.			DRAWN LHALL	RE-TRACED G.A.F. D.A.I.
	ISSUE N ^o	8	9		

THIS DRAWING MAY ONLY BE USED
FOR THE MANUFACTURE OF ARTICLES TO
BE SUPPLIED TO THE MINISTRY OF
AIRCRAFT PRODUCTION

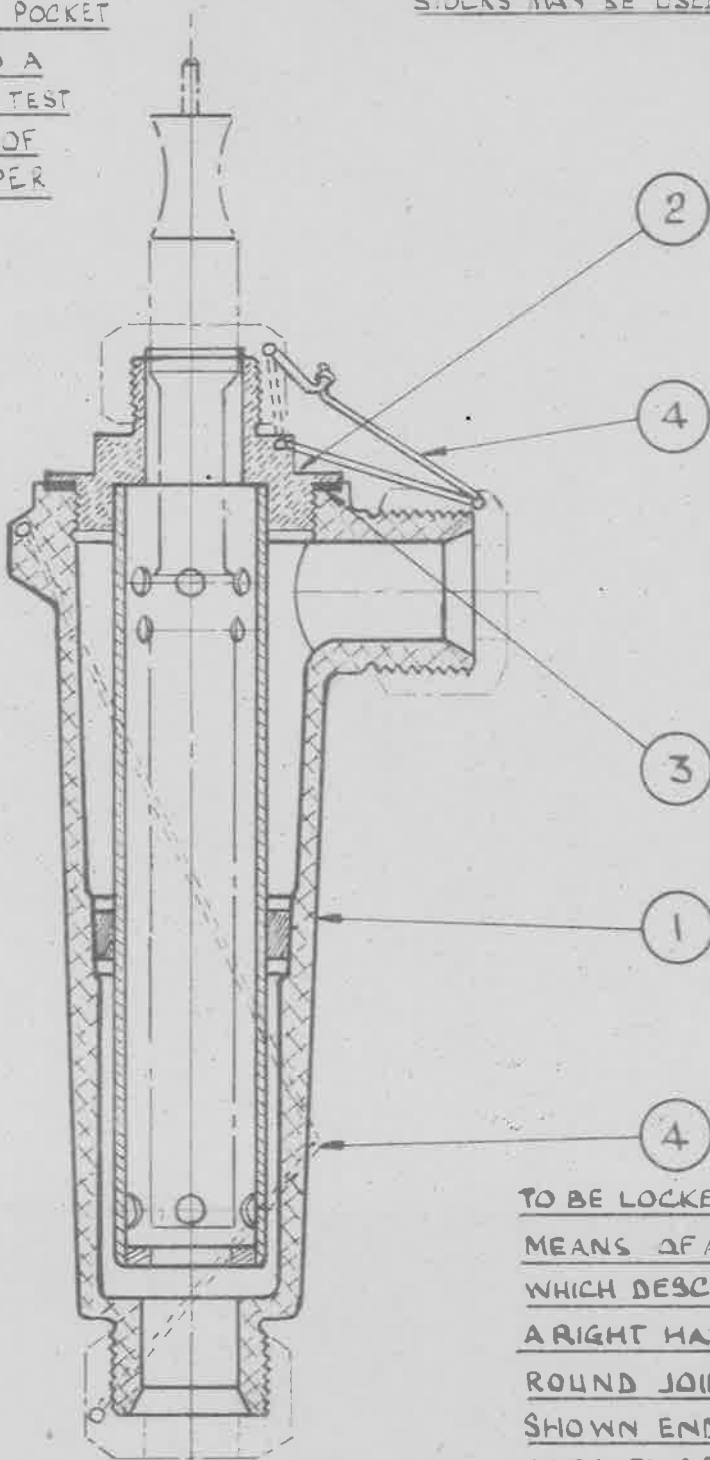
MINISTRY OF
AIRCRAFT
PRODUCTION

A.G.S. N° 940/M

SHEET N° 1 | N° OF SHEETS 3

OBSOLESCENT-NO FURTHER
MANUFACTURE - EXISTING
STOCKS MAY BE USED UP

TEST PRESSURE.
THE COMPLETE POCKET
TO WITHSTAND A
HYDRAULIC TEST
PRESSURE OF
150 LBS PER
□ INCH



TO BE LOCKED BY
MEANS OF A WIRE
WHICH DESCRIBES
A RIGHT HAND HELIX
ROUND JOINT AS
SHOWN ENDS OF
WIRE TO BE BENT OVER.

ELBOW TYPE

AGS 940/M

PART N°	AGS N°	DESCRIPTION		REMARKS
1	940-M-1	BODY CASTING	1	
2	940-M-2	SLEEVE	1	
3	N.D.	FIBRE WASHER	1	1.55" Ø x 1.35" Ø x 1/32"
4	N.D.	LOCKING WIRE	AS REQD	SEE AGS N° 769

ISSUED BY DRAWING OFFICE DIRECTORATE OF TECHNICAL DEVELOPMENT MINISTRY OF AIRCRAFT PRODUCTION	TITLE - OIL THERMOMETER POCKET 2 BS. PIPE				DRAWN K.M.G.	RE-TRACED W.R.B. GAF B 1/50		
	ISSUE N°	X	2				CHECKED.	APPROVED.
	ALTER N°	403/32	AGS N° 403/32	AGS N° 403/32				

SCREEN THREADS TO BE
IN ACCORDANCE
WITH BS SPEC: 84-1940
FOR MEDIUM FIT.

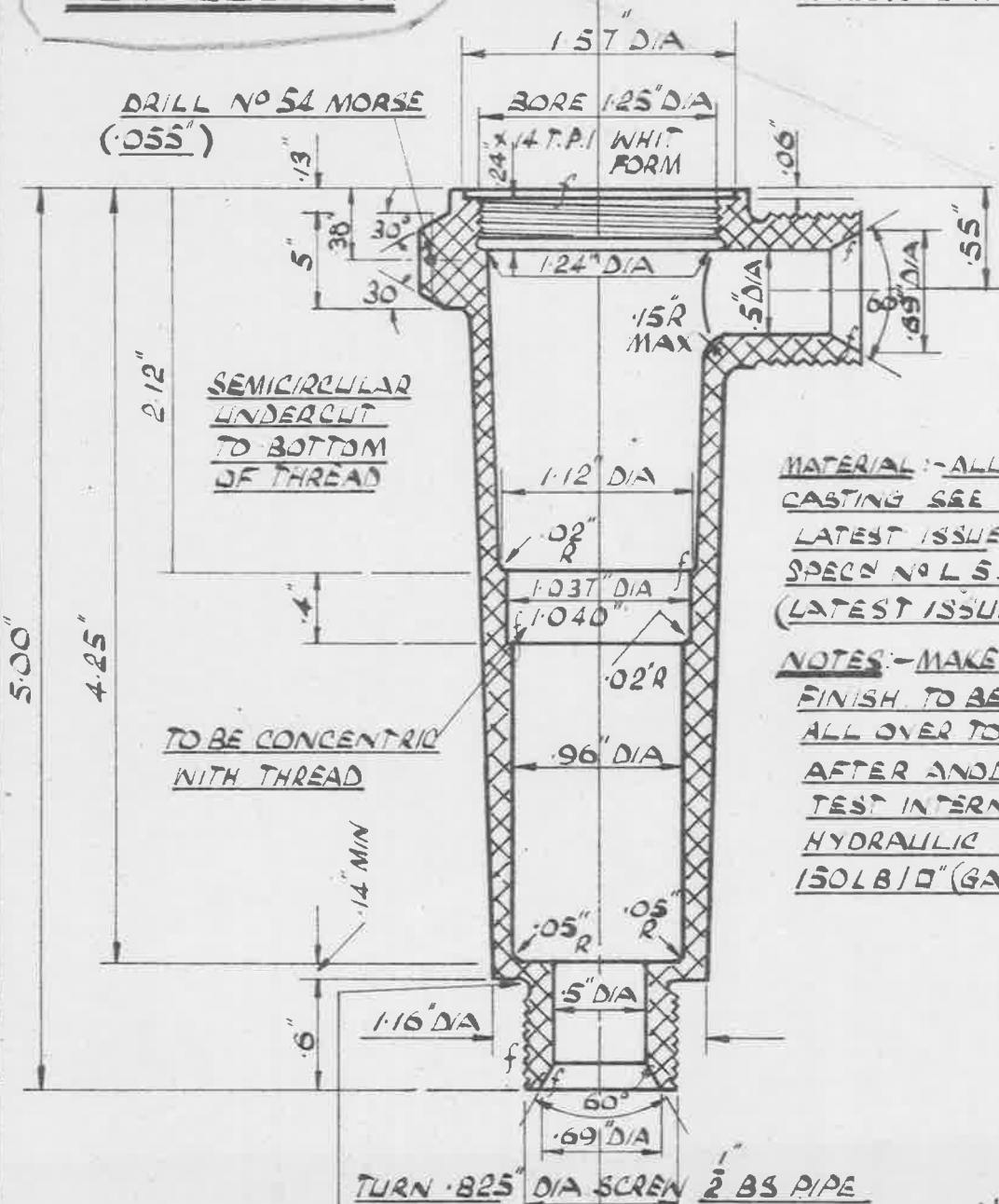
MINISTRY OF
SUPPLY.

AGS No. 940/M.

SHEET NO. 2 NO OF SHEETS 3

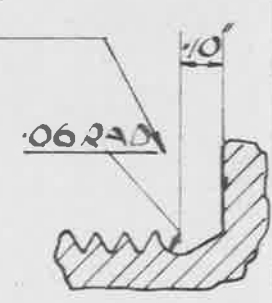
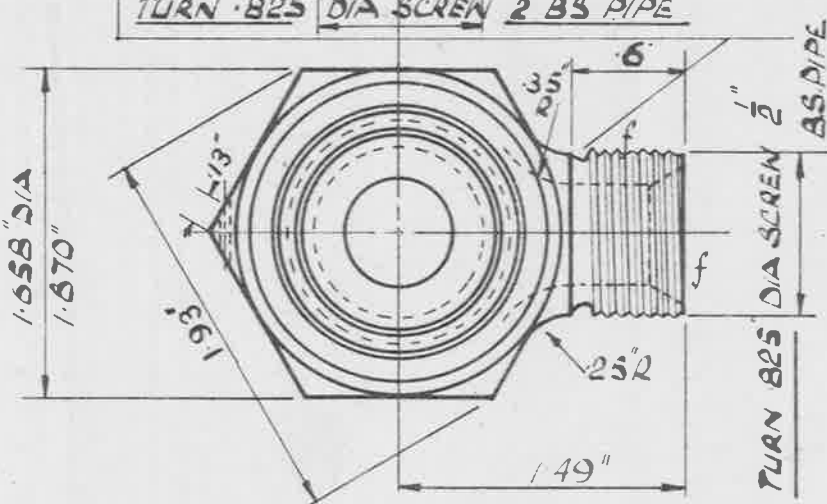
TOLERANCE TO BE $\pm .005$ "
UNLESS OTHERWISE STATED.

OBSOLESCE



MATERIAL :- ALUMINIUM (CLASS 3
CASTING SEE DRG NO AD 15528-3
LATEST ISSUE)
SPECN NO L.S. L 33 OR D.T.D. 424
(LATEST ISSUE)

NOTES :- MAKE FROM DIE CASTING
FINISH TO BE ANODICALLY TREATED
ALL OVER TO D.T.D SPECN NO 910A
AFTER ANODICALLY TREATING
TEST INTERNALLY WITH A
HYDRAULIC PRESSURE OF
150 LB / SQ IN (GAUGE)



SCRAP SECTION
SHOWING UNDER-
CUT TO BOTTOM
OF THREAD
SCALE - DOUBLE
FULL SIZE

BODY CASTING PART 1

SCALE :- FULL SIZE

MACHINE TO F MARKS

ISSUED BY ROYAL AIRCRAFT ESTABLISHMENT	TITLE OIL THERMOMETER POCKET 1/2 BS PIPE				RETRACED GOVERNMENT AIRCRAFT FACTORY
	ISSUE NO	1	2	3	
ALTERN NO	MOD NO AGS 452	AS/AGS 603	AS NO AGS 762		31-1-50 N.R.B

SCREW THREADS TO BE
IN ACCORDANCE
WITH B.S. SPEC: 84-1940.
FOR MEDIUM FIT.

MINISTRY OF
AIRCRAFT
PRODUCTION

AGS. No 940

SHEET No 3 | No OF SHEETS 3

TOLERANCE TO BE $\pm .005$
UNLESS OTHERWISE STATED.

THE ECCENTRICITY OF THE
HOLE TO THE $\frac{3}{8}$ " B.S PIPE
THREAD TO BE WITHIN
0.003"

TURN $\frac{3}{8}$ " DIA SCREW $\frac{3}{8}$ " BS PIPE

DRILL No 54 MORSE (.055")

CAP TO BE M/C ALL OVER.

SEMICIRCULAR UNDERCUT
TO BOTTOM OF THREAD.

5- $\frac{3}{16}$ " HOLES ON EACH PITCH
CIRCLE STAGGERED HOLES
EQUALLY SPACED.

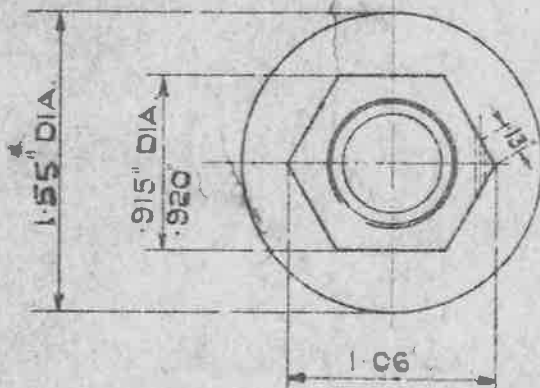
STEEL RING TO BE
SPOT WELDED INTO
POSITION AS SHOWN.

TO BE CONCENTRIC
WITH THREAD

END PLUG TO BE
WELDED INTO POSITION
AS SHOWN.

REMOVE SHARP EDGES.

OBSOLESCE



FINISH - CADMIUM PLATED TO
SPEC: D.T.D. 904.
(LATEST ISSUE.)

SLEEVE. PART 2

MATERIAL :- MILD STEEL

SPEC: 56 & 2.T. 26.

(LATEST ISSUE)

SCALE - FULL SIZE.

MACHINE TO f MARKS.

ISSUED BY DRAWING OFFICE
DIRECTORATE OF
TECHNICAL DEVELOPMENT
MINISTRY OF
AIRCRAFT PRODUCTION

TITLE:-- OIL THERMOMETER POCKET.
 $\frac{3}{8}$ " B.S PIPE.

ISSUE No X 2 3
ALTERN No MOD No MOD No AS. No

DRAWN. c.g. Allen
TRACED IM. 28.10.41
CHECKED APPROVED
M. de

4-12-42
85-143-32