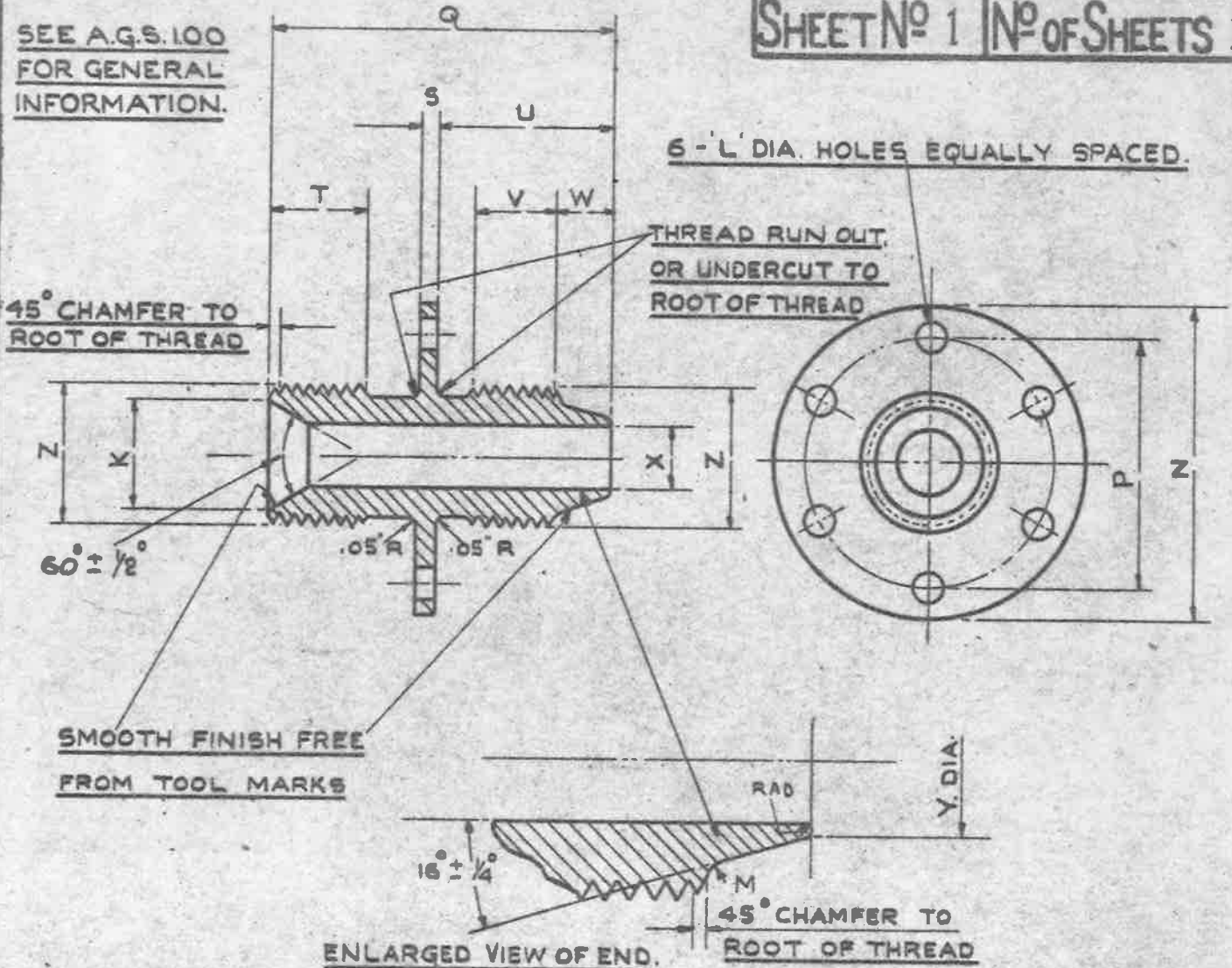


SEE A.G.S. 100 FOR GENERAL INFORMATION.



MARK	DIA. OF PIPE	Z	Y	X	W	FULL V THREAD	U	FULL T THREAD	S	Q	P	N	M	L	K.
		B.S.P. THREAD	+0.010 -0	DIA. DRILL	+0.01 -0	+0.01 -0	+0.01 -0	+0.01 -0	+0.01 -0	+0.01 -0	+0.005	+0.01		DIA. DRILL	+0.005
A	3/16"	1/8"	.160	3/32"	.22	.36	.72	.35	.06	1.60	.80	1.10	.03	5/32"	.295
B	1/4"	1/4"	.224	5/32"	.28	.39	.85	.40	.08	1.78	1.00	1.30	.04	5/32"	.41
BB	5/16"	19 T.P.I. WHITEFORD 60° ± 1/2°	.267	3/16"	.32	.40	.91	.45	.08	1.85	1.20	1.50	.04	5/32"	.48
C	3/8"	3/8"	.333	1/4"	.32	.42	.93	.45	.08	1.96	1.30	1.65	.04	13/64"	.55
CC	7/16"	14 T.P.I. WHITEFORD 75° ± 1/2°	.377	5/16"	.32	.47	1.01	.50	.10	2.18	1.40	1.75	.06	13/64"	.60
D	1/2"	1/2"	.438	3/8"	.32	.48	1.03	.55	.10	2.22	1.50	1.85	.06	13/64"	.69

THE MATERIAL TO BE LIGHT ALLOY TO D.T.D. 423

(LATEST ISSUE)

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

NOTES: SCREW THREADS TO B.S. SPEC. NO 84. 1940

MEDIUM FIT. TRUNCATED THREADS TO AMENDMENT NO 3 - 1945.

WORKING PRESSURE: 3000 LB/SQ. IN. FOR SIZES UP TO 1/2 B.S.P.

WITH MARK	A	B	BB	C	CC	D
WASHER PLATE	MARK 1	MARK 2	MARK 3	MARK 4	MARK 5	MARK 6
USE A.G.S. NO 1115						

ISSUED BY THE ROYAL AIRCRAFT ESTABLISHMENT

TITLE: PIPE COUPLINGS (LIGHT ALLOY) FLANGED BULKHEAD UNION BODY (CONE TO NIPPLE TYPE)

DRAWN: C.T. Reynolds

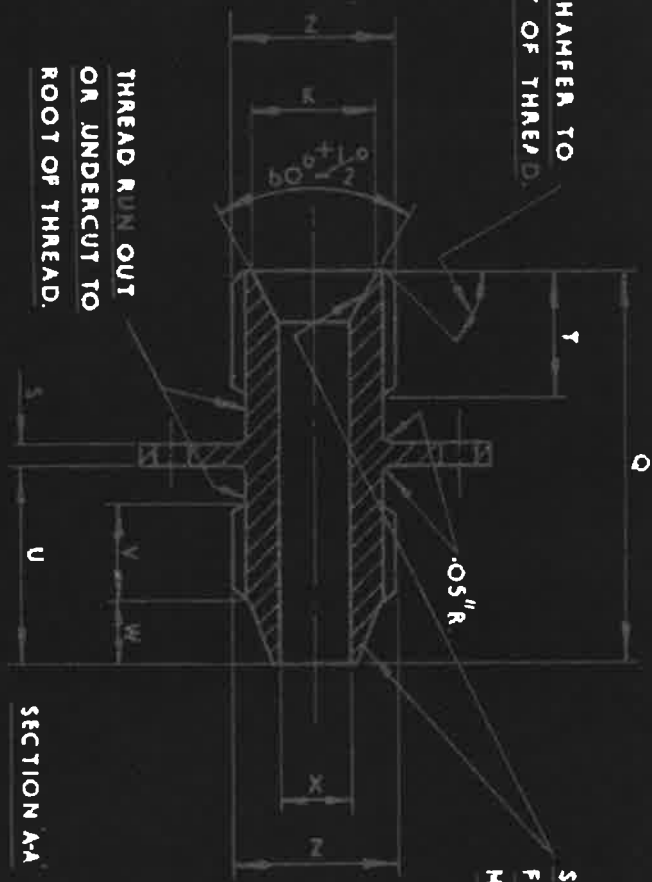
TRACED: R.M.W. B. 8.44

ISSUE NO	1	2	3	4	5
ALTER NO	449	663	877	988	856

CHECKED: J.H. BRASHER

APPROVED: G.R.W. 7.11.41.

45° CHAMFER TO
ROOT OF THREAD



THREAD RUN OUT
ON UNDERCUT TO
ROOT OF THREAD.

SMOOTH FINISH FREE
FROM VISIBLE TOOL
MARKS



ENLARGED VIEW OF CONE END



6 HOLES L DIA.
EQUALLY SPACED.

SEE A.G.S. 1100 FOR GENERAL INFORMATION.
B.S.P.F. THREADS TO B.S. SPEC. 2779 MEDIUM FIT. TRUNCATED.
WORKING PRESSURE - 3000 LBS./SQ. IN.
FOR GENERAL ARRANGEMENT SEE A.G.S. 1110.

SM202

ISSUE	ALT. No.
6	F.2.
7	F.46
8	F.96
9	F.101

DESIGNED	DRAWN	TRACED	CHECKED	APPROVED FOR	DATE
F.A.C	F.A.C	F.A.C	F.A.C	S.B.A.C	12.2.58

REF	DRAWING OR PART No.	DESCRIPTION	LIMITS NOT SHOWN	AT DRAWN HAND UNIT	MATERIAL-REMARKS
		ALUM. ALLOY			L85

ISSUED BY THE SOCIETY OF BRITISH AIRCRAFT CONSTRUCTORS LTD.,
29, KING STREET, ST. JAMES'S, LONDON, S.W.1.

HT PT R.S. 116 NO. SCALE LIMITS NOT SHOWN
PIPE COUPLINGS (ALUM. ALLOY) FLANGED
BULKHEAD UNION BDY (CONE TO NIPPLE TYPE).
A.G.S. 1113-SHEET 1

ISSUE No. 1
 ALT. No. F101

MARK	O/D. OF PIPE	K	L	M	N	P	Q	S	T		U	V		W	X	Y	Z	WASHER PLATE A.G.S.1115 MARK
									FULL THREAD	DRILL DIA.		FULL THREAD	DRILL DIA.					
A	3/16"	.300" .290"	5/32"	.03"	1.11" 1.09"	.805" .795"	1.61" 1.59"	.07" .06"	.36" .34"	.73" .72"	.37" .35"	.23" .22"	3/32"	.170" .160"	1/8"	1		
B	1/4"	.415" .405"	5/32"	.04"	1.31" 1.29"	1.005" .995"	1.79" 1.77"	.09" .08"	.41" .39"	.86" .85"	.40" .38"	.29" .28"	5/32"	.234" .224"	1/4"	2		
B B	5/16"	.485" .475"	5/32"	.04"	1.51" 1.49"	1.205" 1.195"	1.86" 1.84"	.09" .08"	.46" .44"	.92" .91"	.41" .39"	.35" .32"	3/16"	.277" .267"	19 T.P.I. 60 O/D.	3		
C	3/8"	.555" .545"	13/64"	.04"	1.66" 1.64"	1.305" 1.295"	1.97" 1.95"	.09" .08"	.46" .44"	.94" .93"	.43" .41"	.33" .32"	1/4"	.343" .333"	3/8"	4		
C C	7/16"	.605" .595"	13/64"	.06"	1.76" 1.74"	1.405" 1.395"	2.19" 2.17"	.11" .10"	.51" .49"	1.02" 1.01"	.48" .46"	.33" .32"	5/16"	.387" .377"	14 T.P.I. 75 O/D.	5		
D	1/2"	.695" .685"	13/64"	.06"	1.86" 1.84"	1.505" 1.495"	2.23" 2.21"	.11" .10"	.56" .54"	1.04" 1.03"	.49" .47"	.33" .32"	3/8"	.448" .438"	1/2"	6		

ON MARKS 'B B' AND 'C C' THREADS TO BE TO B. S. SPEC. 84 WHITWORTH FORM.

USED ON	DESIGNED	DRAWN	TRACED	CHECKED	APPROVED FOR	DATE	REF.	DRAWING OR PART NO.	DESCRIPTION	SCALE	LIMITS NOT SHOWN	AT DRAWING HAND UNIT QTY	MATERIAL - REMARKS
	F.A.C.	F.A.C.	F.A.C.	F.A.C.	<i>K.L. Parker</i>	19. 2. 58			HT	PT			

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 29, KING STREET, ST. JAMES'S, LONDON, S.W.1.

PIPE COUPLINGS (ALUM. ALLOY) FLANGED BULK HEAD UNION BODY (CONE TONIPPLE TYPE)

A.G.S.1113 SHEET 2