

FOR GENERAL ARRANGEMENT SEE A.G.S. N° 1110.

MINISTRY OF SUPPLY

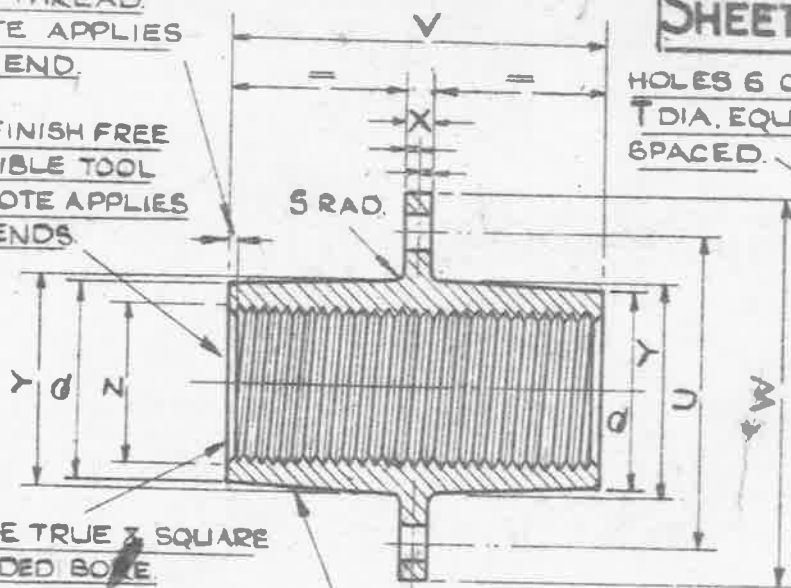
AGS.No. 1114

SHEET No. 1

No. OF SHEETS 1

C'CK. AT 30° ± 2° FROM ROOT OF THREAD. THIS NOTE APPLIES TO EACH END.

SMOOTH FINISH FREE FROM VISIBLE TOOL MARKS. NOTE APPLIES TO BOTH ENDS.



ALL SHARP EDGES AND BURRS TO BE REMOVED.

ENDS TO BE TRUE & SQUARE TO THREADED BORE.

WORKING PRESSURE

3000 LB./SQ. IN. FOR SIZES UP TO 1/2" B.S.P.
500 LB./SQ. IN. FOR SIZES 5/8" TO 1" B.S.P.
200 LB./SQ. IN. FOR SIZES 1 1/4" & 1 1/2" B.S.P.

A.G.S. 1114 - * TO BE LEGIBLY & DURABLY MARKED IN POSITION SHOWN. (* MARK).

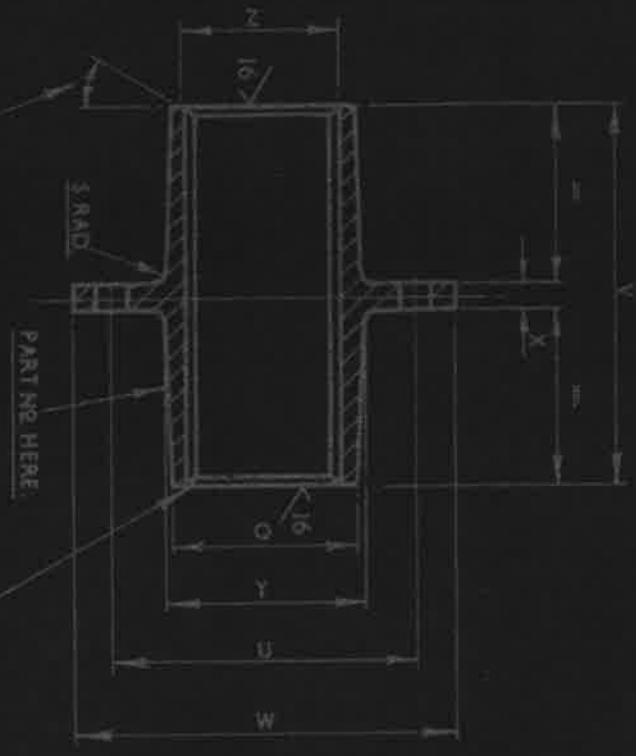
MARK	Ø D. OF PIPE	Z	Y	X	W	V	U	T	S	Q
		B.S.P. THREAD	±.01"	+ .01" - 0	±.01"	±.01"	±.005"	DIA. OF DRILL	RAD.	±.01"
A	3/16"	1/8"	.65"	.06"	1.3"	1.47"	1.00"	5/32"	.02"	.60"
B	1/4"	1/4"	.79"	.08"	1.5"	1.63"	1.20"	5/32"	.02"	.74"
BB	5/16"	1 1/2 T.P.I. 60° Ø/D	.87"	.08"	1.65"	1.75"	1.30"	13/64"	.02"	.82"
C	3/8"	3/8"	.93"	.10"	1.75"	1.81"	1.40"	13/64"	.03"	.88"
CC	7/16"	1 1/4 T.P.I. 75° Ø/D	1.02"	.10"	1.85"	1.93"	1.50"	13/64"	.03"	.97"
D	1/2"	1/2"	1.11"	.12"	1.95"	1.97"	1.60"	13/64"	.03"	1.05"
E	5/8"	5/8"	1.20"	.12"	2.05"	1.42"	1.70"	13/64"	.03"	1.13"
F	3/4"	3/4"	1.34"	.12"	2.20"	1.52"	1.85"	13/64"	.03"	1.27"
G	7/8"	7/8"	1.52"	.15"	2.40"	1.62"	2.05"	13/64"	.04"	1.41"
H	1"	1"	1.70"	.15"	2.50"	1.65"	2.15"	13/64"	.04"	1.63"
J	1 1/4"	1 1/4"	2.05"	.20"	2.90"	1.70"	2.55"	13/64"	.04"	1.98"
K	1 1/2"	1 1/2"	2.30"	.20"	3.15"	1.70"	2.78"	13/64"	.04"	2.22"

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)

NOTE:- SCREW THREADS TO B.S. SPEC. 84 (LATEST ISSUE) MEDIUM FIT. FOR DIAMETERS AND TOLERANCES OF MARKS BB & CC SEE A.G.S. 100 SHEET 5.

WITH MARK	A	B	BB	C	CC	D	E	F	G	H	J	K
WASHER PLATE USE A.G.S. N° 1115.	MARK 2	MARK 3	MARK 4	MARK 5	MARK 6	MARK 7	MARK 8	MARK 9	MARK 10	MARK 11	MARK 13	MARK 14
ISSUED BY ROYAL AIRCRAFT ESTABLISHMENT	TITLE:- PIPE COUPLINGS, (LIGHT ALLOY) FLANGED BULKHEAD SCREWED SLEEVE						DRAWN C.T. Reynolds		TRACED P.L.N 15-10-41			
ISSUE N°	3		ALTER N°		MOD		A.S. N° AS/AGS 969		CHECKED		APPROVED	



1/8" SK AT 30° FROM ROOT OF
 THREAD. NOTE APPLIES TO
 BOTH ENDS.

SECTION 'A-A'

ENDS TO BE TRUE &
 SQUARE TO THREADED BORE.

WORKING PRESSURE

SCOOLB/SOIN FOR SIZES UP TO 1" B.S.P.F.
 SOOLB/SOIN FOR SIZES 1 1/8" TO 1 1/2" B.S.P.F.
 ZOOLB/SOIN FOR SIZES 1 3/4" TO 2" B.S.P.F.
 B.S.P.F. THREADS TO B.S. SPEC. 2779 MEDIUM FIT TRUNCATED.

FOR GENERAL ARRANGEMENT SEE A.G.S. 1110.

ISSUE	A.S.T. No.
5	F.2.
6	F.46.
7	F.90.
8	F.101.
9	F.123.

SM2024

DESIGNED	DRAWN	TRACED	CHECKED	APPROVED FOR	DATE
F.A.C.	F.A.C.	F.A.C.	F.A.C.	<i>[Signature]</i>	27.1.58

USED ON	REF	DRAWING OR PART No.	DESCRIPTION	LIMITS NOT SHOWN	UNIT	QTY	MATERIAL - REMARKS
			ALUMM. ALLOY				L.85.

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

PIPE COUPLINGS (ALUMM. ALLOY) FLANGED
 BULKHEAD SCREWED SLEEVE.

THIRD ANGLE PROJECTION

A.G.S. 1114 - SHEET 1

BRITISH AEROSPACE

SIZE A3 - 8x11

AGS 1114 SHEET 2

SM 2027

M A R K	O/D OF PIPE	Q	S	T DRILL DIA.	U	V	W	X	Y	Z		WASHER PLATE AGS. No. 1115 MARK
										B.S.P.F. THREAD		
A	3/16"	.610° .590°	.02°	5/32"	1.005° .995°	1.480° 1.460°	1.310° 1.290°	.070° .060°	.660° .640°	1/8"		2
B	1/4"	.750° .730°	.02°	5/32"	1.205° 1.195°	1.640° 1.620°	1.510° 1.490°	.090° .080°	.800° .780°	1/4"		3
9B	5/16"	.830° .810°	.02°	13/64"	1.305° 1.295°	1.760° 1.740°	1.660° 1.640°	.090° .080°	.880° .860°	10 P.P.I. 60 O.D. WHIT. (0.5, 1.4)		4
C	3/8"	.890° .870°	.03°	15/64"	1.405° 1.395°	1.820° 1.800°	1.760° 1.740°	.110° .100°	.940° .920°	3/8"		5
CC	7/16"	.980° .960°	.03°	15/64"	1.505° 1.495°	1.940° 1.920°	1.860° 1.840°	.110° .100°	1.030° 1.010°	14 P.P.I. 75 O.D. WHIT. (0.5, 1.4)		6
D	1/2"	1.060° 1.040°	.03°	15/64"	1.605° 1.595°	1.980° 1.960°	1.960° 1.940°	.130° .120°	1.120° 1.100°	1/2"		7
E	5/8"	1.140° 1.120°	.03°	13/64"	1.705° 1.695°	1.430° 1.410°	2.060° 2.040°	.130° .120°	1.210° 1.190°	5/8"		8
F	3/4"	1.280° 1.260°	.03°	13/64"	1.835° 1.845°	1.530° 1.510°	2.210° 2.190°	.130° .120°	1.350° 1.330°	3/4"		9
G	7/8"	1.420° 1.400°	.04°	13/64"	2.035° 2.045°	1.630° 1.610°	2.410° 2.390°	.160° .150°	1.530° 1.510°	7/8"		10
H	1"	1.640° 1.620°	.04°	13/64"	2.155° 2.145°	1.660° 1.640°	2.510° 2.490°	.160° .150°	1.710° 1.690°	1"		11
J	1 1/4"	1.990° 1.970°	.04°	13/64"	2.555° 2.545°	1.710° 1.690°	2.910° 2.890°	.210° .200°	2.060° 2.040°	1 1/4"		15
K	1 1/2"	2.230° 2.210°	.04°	13/64"	2.785° 2.775°	1.710° 1.690°	3.160° 3.140°	.210° .200°	2.310° 2.290°	1 1/2"		14

DESIGNED BY THE SOCIETY OF BRITISH MANUFACTURING ENGINEERS LTD.,
18, KING STREET, ST. MARTIN'S LONDON, E.W.1.

HT

PT

AGS. 1114 - SHEET 2

THIS IS A PHOTOGRAPHIC REDUCTION. DRAWING MUST NOT BE SCALED.

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