

ALL SHARP EDGES AND BURRS TO BE REMOVED

30°±2° CHAMFER TO ROOT OF THREAD
NOTE APPLIES TO BOTH BRANCHES.

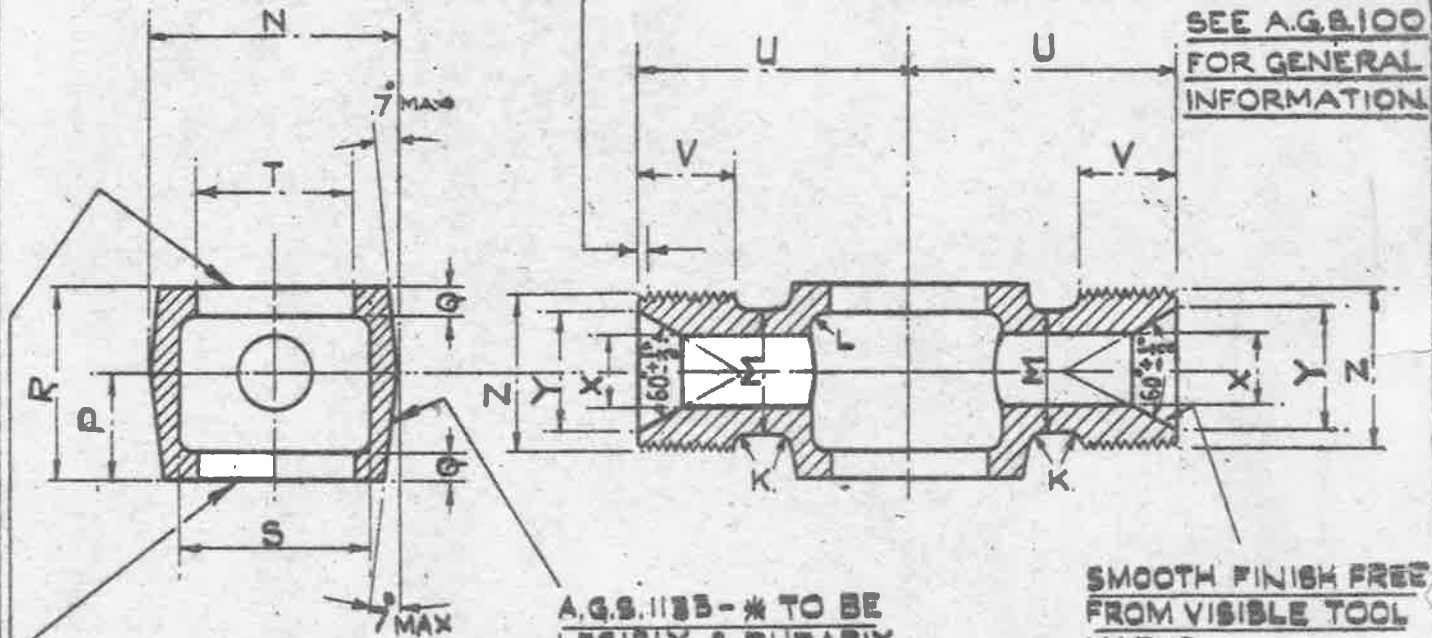
MINISTRY OF SUPPLY

AGS.No. | 33

SHEET No. |

No. OF SHEETS | 1

SEE A.G.S. 100 FOR GENERAL INFORMATION



SMOOTH FINISH FREE FROM VISIBLE TOOL MARKS.

A.G.S. 1125 - * TO BE LEGIBLY & DURABLY MARKED IN POSITION SHOWN. (* MARK.)

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

MARK	DIA OF PIPE	Z	Y	X	V	U	T	S	R	Q	P	N	M	L	K.
		B.S.P. THREAD	+ .005 - .005	DIA DRILL	± .01	± .01	+ .005 - .002	± .01	± .01	± .01	± .01 - 0	+ .04 - .01	+ .04 - .01		
A	3/16"	1/8"	.295	3/32"	.35"	.87"	.383"	.50"	.50"	.10"	.29"	.75"	.28"	.06"	.06"
B	1/4"	1/4"	.410	5/32"	.35"	1.00"	.518"	.65"	.60"	.10"	.35"	.90"	.37"	.06"	.08"
BB	5/16"	19 T.P.I. .80" O/DIA	.480	3/16"	.40"	1.10"	.600"	.75"	.70"	.12"	.44"	1.00"	.40"	.06"	.06"
C	3/8"	3/8"	.550	1/4"	.40"	1.15"	.656"	.80"	.80"	.12"	.47"	1.10"	.48"	.06"	.06"
CC	7/16"	14 T.P.I. .75" O/DIA	.600	5/16"	.45"	1.30"	.750"	.90"	.90"	.15"	.52"	1.20"	.56"	.06"	.06"
D	1/2"	1/2"	.690	3/8"	.50"	1.40"	.825"	1.00"	1.00"	.15"	.56"	1.30"	.65"	.06"	.06"
E	5/8"	5/8"	.760	1/2"	.55"	1.58"	.902"	1.20"	1.10"	.15"	.62"	1.55"	.77"	.10"	.06"
F	3/4"	3/4"	.900	5/8"	.61"	1.79"	1.041"	1.45"	1.25"	.20"	.70"	1.85"	.91"	.10"	.06"
G	7/8"	7/8"	1.040	3/4"	.65"	1.93"	1.189"	1.65"	1.40"	.20"	.80"	2.05"	1.06"	.10"	.06"
H	1"	1"	1.130	7/8"	.65"	2.05"	1.309"	1.75"	1.65"	.20"	.95"	2.20"	1.15"	.10"	.06"

MATERIAL:- LIGHT ALLOY TO D.T.D. 423 (LATEST ISSUE).

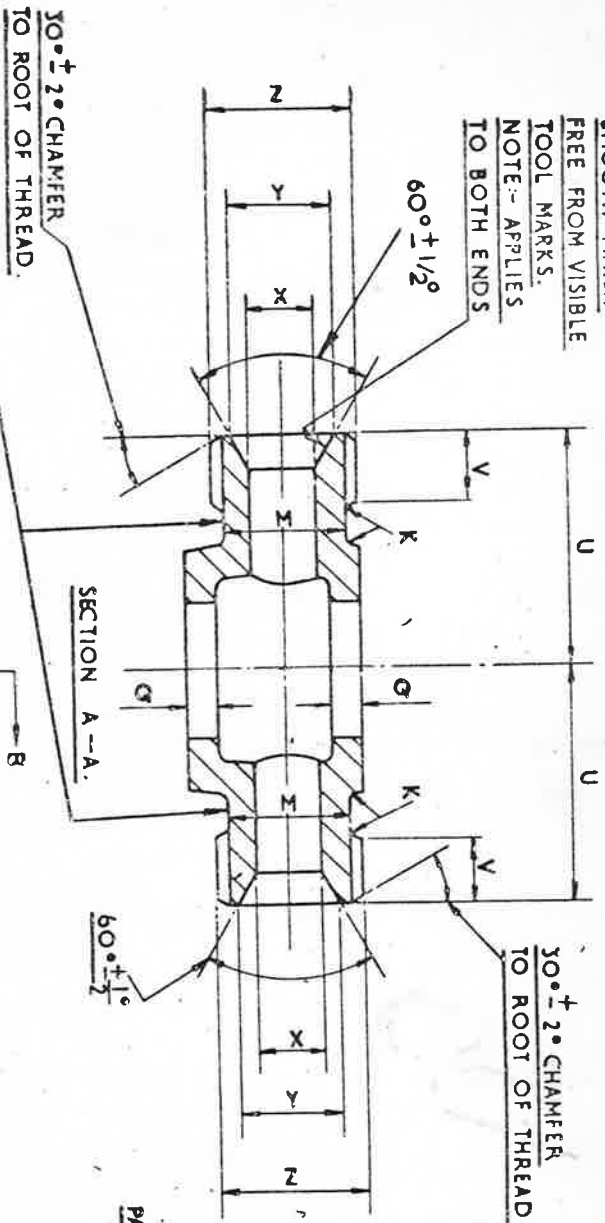
FINISH:- ANODISE TO SPEC. D.T.D. 910 (LATEST ISSUE).

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

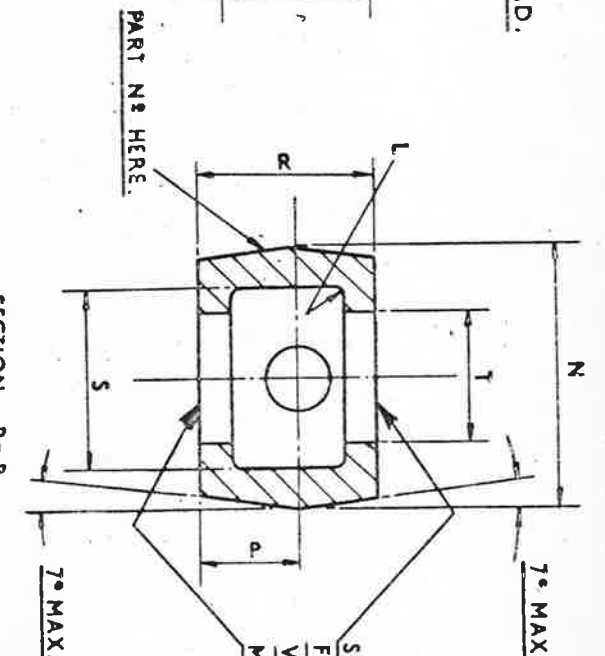
FOR GENERAL ARRANGEMENT SEE AGS. No 1128 (SHEET 2)
WORKING PRESSURES :- 3000 LB/SQ. IN. FOR SIZES UP TO 1/2" B.S.P.
500 LB/SQ. IN. FOR SIZES 5/8" TO 1" B.S.P.

ISSUED BY ROYAL AIRCRAFT ESTABLISHMENT	TITLE:- PIPE COUPLINGS. (LIGHT ALLOY) DOUBLE END UNION BANJO BODY (3/8" TO 1")				DRAWN C.T. Reynolds.	TRACED GNA 4-10-41.
	ISSUE No	6	7	7	CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i> 14.11.41.
	ALTER ^N No	AS/AGS 969	AS/AGS 588	SM 856		

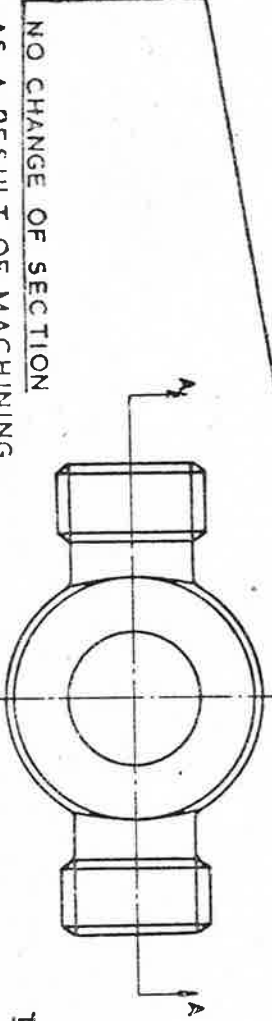
SMOOTH FINISH
FREE FROM VISIBLE
TOOL MARKS.
NOTE:- APPLIES
TO BOTH ENDS



30° ± 2° CHAMFER
TO ROOT OF THREAD.



SECTION B-B.



NO CHANGE OF SECTION
AS A RESULT OF MACHINING
SHOULD BE VISIBLE IN THIS AREA

SEE A.C.S. 100 FOR GENERAL INFORMATION.
B S P.F. THREADS TO B.S. SPEC. 2779. MEDIUM FIT TRUNCATED.
WORKING PRESSURE: 3000 LB./SQ. IN. FOR SIZES UP TO 1/2" B S P.F.
500 LB./SQ. IN. FOR SIZES 5/8" TO 1" B S P.F.
FOR GENERAL ARRANGEMENT SEE A.C.S. 1128. SHEET. 5.
THESE FITTINGS SHOULD NOT BE USED IN AREAS OF HIGH PRESSURE IMPULSES.

ISSUE	ALT. No.
9	F.2.
10	F.46
11	F.96
12	F.101
13	F.123
14	F.130
15	F.156
	1-4-68

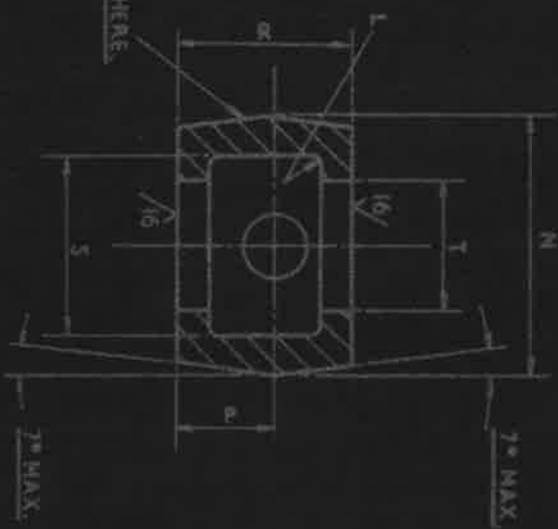
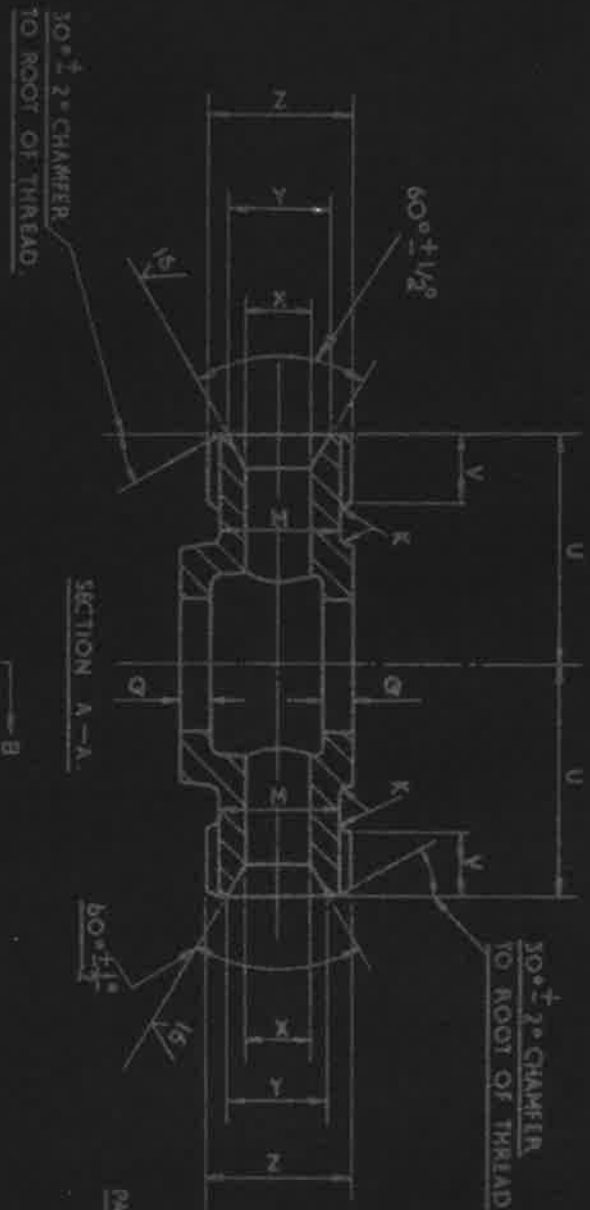
DESIGNED	F.A.C.	TRACED	F.A.C.	CHECKED	F.A.C.	APPROVED FOR	DATE
						<i>F.A.C.</i>	12.2.58
USED							
ON							

REF	DRAWING OR PART No.	DESCRIPTION	LIMITS NOT SHOWN	AS DRAWN UNIT QTY	GRP HAND	MATERIAL - REMARKS
HT	PT	RS.116. NO PAINT	SCALE			ALUMINUM ALLOY
PIPE COUPLING (ALUMINUM ALLOY) DOUBLE END UNION BANJO BODY 3/16" TO 1"						
A.G.S. 1133 SHEET 1.						

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

ISSUE	ALT. No.
9	F.2.
10	F.46.
11	F.96.
12	F.101.
13	F.123.

SM2024



SEE A.G.S. 100 FOR GENERAL INFORMATION.
 B.S.P.F. THREADS TO B.S. SPEC. 2779. MEDIUM FIT TRUNCATED.
 WORKING PRESSURE: 1000 LB./SQ. IN. FOR SIZES UP TO 1/2 B.S.P.F.
 500 LB./SQ. IN. FOR SIZES 3/8 TO 1 B.S.P.F.
 FOR GENERAL ARRANGEMENT SEE A.G.S. 1128. SHEET. 5.

USED ON	DESIGNED	DRAWN	TRACED	CHECKED	APPROVED FOR	DATE	REF.	DRAWING OR PART No.	DESCRIPTION	ALUMINUM ALLOY	HT	PT	RS.116. NO. PAINT	SCALE	LIMITS NOT SHOWN	THIRD ANGLE PROJECTION	AT DRAWN UNIT	OF HAND	MATERIAL - REMARKS
	F.A.C.	F.A.C.	F.A.C.	F.A.C.	<i>[Signature]</i>	17.2.58													L.85.

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

SM2027

M A R K	O/D OF PIPE	K RAD.	L RAD.	M	N DIA.	P	Q	R	S	T	U	V	X DRILL DIA.	Y	Z B.S.P.F. THREAD
A	3/16"	.060"	.060"	.320"	.790"	.500"	.110"	.510"	.510"	.388"	.880"	.360"	3/32"	.300"	1"
B	1/4"	.060"	.060"	.410"	.940"	.360"	.110"	.610"	.680"	.523"	1.010"	.360"	5/32"	.415"	1"
B-B	5/16"	.060"	.060"	.440"	1.040"	.450"	.130"	.710"	.760"	.605"	1.110"	.410"	3/16"	.485"	19 TPI 60° O/D WHIT (B.S.P.F.)
C	3/8"	.060"	.060"	.520"	1.140"	.480"	.130"	.810"	.810"	.661"	1.160"	.410"	1/4"	.555"	3"
C-C	7/16"	.060"	.060"	.600"	1.240"	.530"	.160"	.910"	.910"	.755"	1.310"	.460"	5/16"	.605"	14 TPI 75° O/D WHIT (B.S.P.F.)
D	1/2"	.060"	.060"	.690"	1.340"	.570"	.160"	1.010"	1.010"	.830"	1.410"	.510"	3/8"	.695"	1"
E	5/8"	.060"	.100"	.810"	1.590"	.630"	.160"	1.110"	1.210"	.907"	1.590"	.560"	1"	.765"	5"
F	3/4"	.060"	.100"	.950"	1.890"	.710"	.210"	1.260"	1.460"	1.046"	1.800"	.620"	5/8"	.905"	3/4"
G	7/8"	.060"	.100"	1.100"	2.090"	.810"	.210"	1.410"	1.660"	1.194"	1.940"	.660"	3/4"	1.045"	7"
H	1"	.060"	.100"	1.050"	2.040"	.800"	.200"	1.390"	1.640"	1.191"	1.920"	.640"	4"	1.035"	8"
				1.190"	2.240"	.960"	.210"	1.660"	1.760"	1.314"	2.060"	.660"	7/8"	1.135"	1"
				1.140"	2.190"	.950"	.200"	1.640"	1.740"	1.311"	2.040"	.640"	8"	1.125"	

DESIGNED BY THE SOCIETY OF BRITISH MANUFACTURING ENGINEERS LTD.
25, ABRAHAM STREET, ST. MARTIN'S, LONDON E.C.4.

DESIGNED: DRAWN: CHECKED: APPROVED: DATE: 1/1/57

HT

PT

PIPE COUPLING (ALUMINUM ALLOY) DOUBLE END UNION BANJO BODY 3/16 TO 1"

DESCRIPTION: MATERIAL - ALUMINUM

SCALE: 1" = 1"

UNIT: INCHES

FIG. NO. 1

SHEET 2