

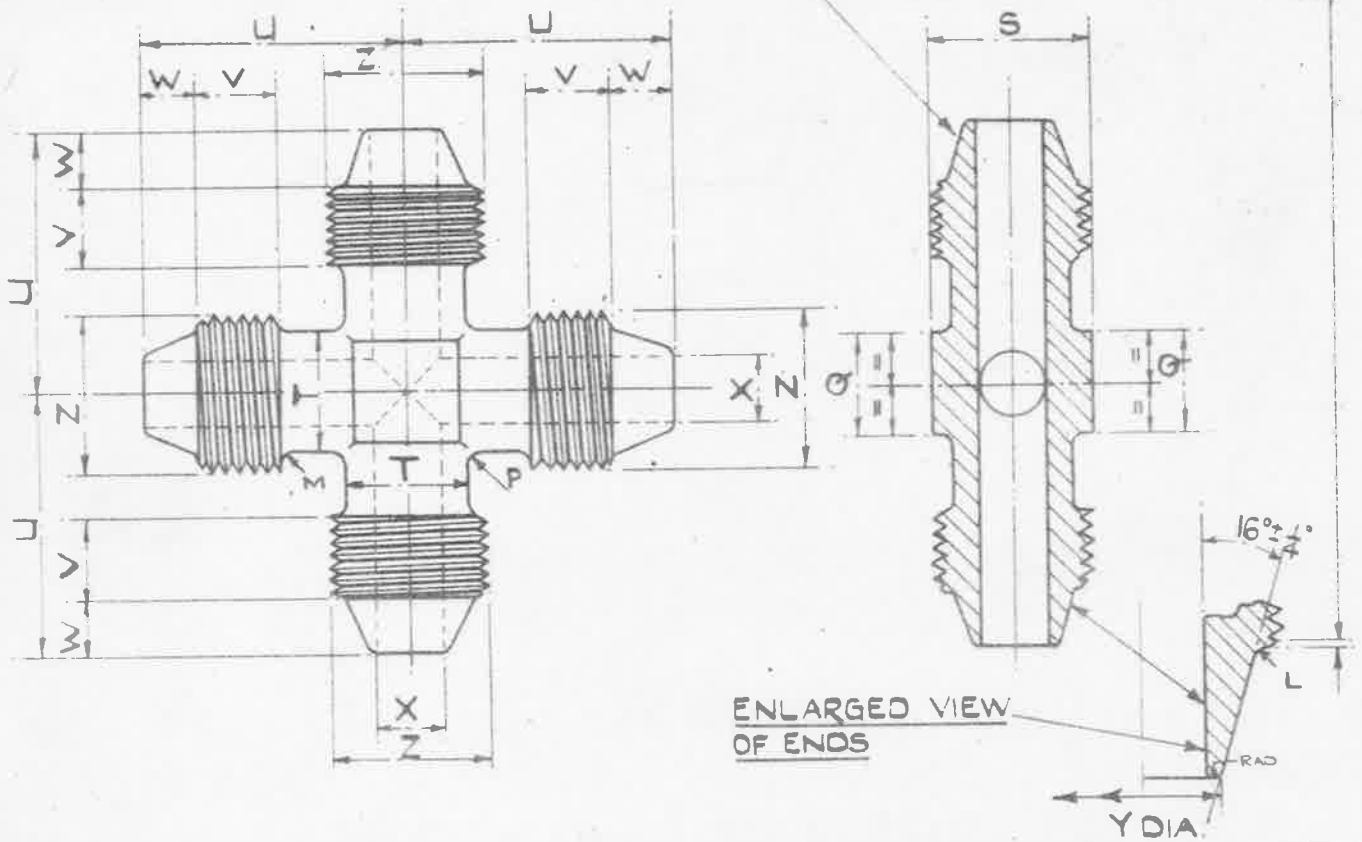
SMOOTH FINISH FREE FROM
TOOL MARKS. NOTE APPLIES
TO ALL ENDS.

MINISTRY OF
SUPPLY

AGS.No. 1123

SHEET No. 1 | No. OF SHEETS 1

45° CHAMFER TO ROOT
OF THREAD.



MARK	DIA OF PIPE	Z	Y	X	W	V	U	T	S	Q	P RAD	M RAD	L RAD	
		B.S.P. THREAD	+0.10 -0	DIA DRILL	+0.01 -0	+0.01 -0.01	+0.01 -0.01	+0.04 -0.01	MIN MAX	+0.01				
A	3/16"	1/8"	.160"	3/32"	.22"	.30"	.90"	.28"	.410"	.413"	.25"	.06"	.04"	.03"
B	1/4"	1/4"	.224"	5/32"	.28"	.30"	1.05"	.37"	.520"	.525"	.30"	.06"	.05"	.04"
BB	5/16"	19 T.P.I. WHIT. FORM 60° D	.267"	3/16"	.32"	.34"	1.15"	.40"	.595"	.600"	.40"	.10"	.06"	.04"
C	3/8"	3/8"	.333"	1/4"	.32"	.37"	1.25"	.48"	.705"	.710"	.45"	.10"	.06"	.04"
CC	7/16"	14 T.P.I. WHIT. FORM 75° D	.377"	5/16"	.32"	.39"	1.32"	.56"	.815"	.820"	.55"	.10"	.06"	.06"
D	1/2"	1/2"	.438"	3/8"	.32"	.40"	1.37"	.65"	.815"	.820"	.55"	.10"	.08"	.06"

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: N° 84 1940
MEDIUM FIT, TRUNCATED
THREADS, TO AMENDMENT N° 3 - 1945.

FOR ARRANGEMENT OF PIPE JOINTS, SEE A.G.S. N° 1101
WORKING PRESSURE :- 3000 LB/SQ IN FOR SIZES UP TO 1/2" B.S.P.

ISSUED BY
ROYAL
AIRCRAFT
ESTABLISHMENT

TITLE:- PIPE COUPLINGS.
(LIGHT ALLOY)
CONE 4-WAY PIECE. 3/16" TO 1/2"

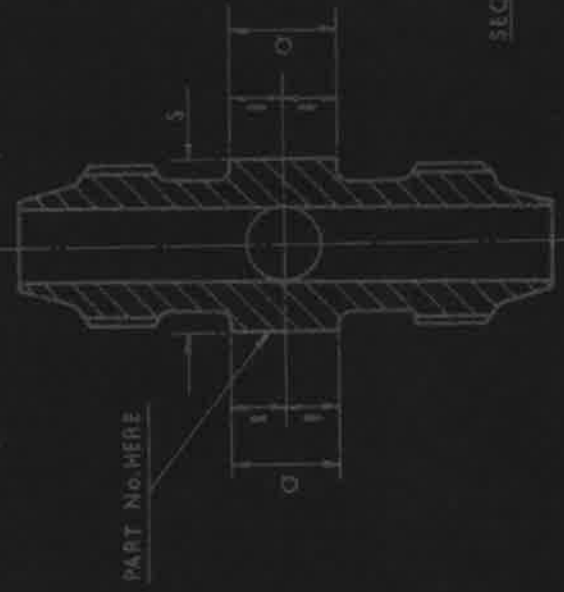
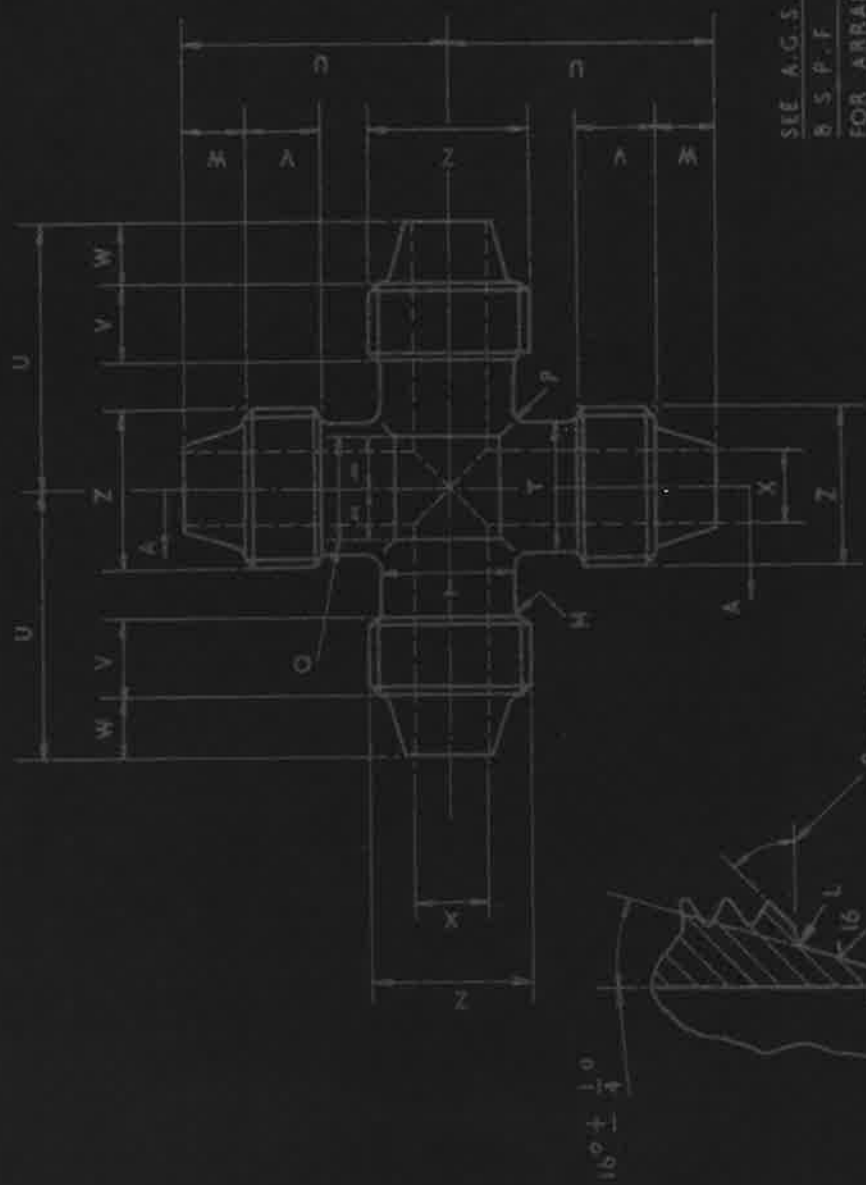
DRAWN
C.J.M. DUNN
TRACED
G.N.A.
14.10.41

ISSUE N° 1 2 3
ALTER N° 100 205/449 AS/AGS 663 AS/AGS 877 SM445

CHECKED
APPROVED

ISSUE	ALT. No.
6	F. 2.
7	F. 46
8	F. 96
9	F. 106
10	F. 123

SM2024



SEE A.G.S. 100 FOR GENERAL INFORMATION
 8 S.P.F. THREAD TO B.S. SPEC 2779 MEDIUM FIT TRUNCATED.
 FOR ARRANGEMENT OF PIPE JOINT SEE A.G.S. 1101
 WORKING PRESSURE: 3000/LB. SQ. IN.

ENLARGED VIEW OF CONE END

USED ON	REF.	DRAWING OR PART No.	R.S. 116. NO. PAINT	SCALE	LIMITS NOT SHOWN	AS DRAWN	UNIT QTY.	MATERIAL - REMARKS
			PT					L. 85.
DESIGNED	HT							THIRD ANGLE PROJECTION
F. A. C.								
DRAWN								
F. A. C.								
TRACED								
F. A. C.								
CHECKED								
F. A. C.								
APPROVED FOR								
B.A.C.								
DATE								
27.1.58								
ISSUED BY THE SOCIETY OF BRITISH AEROSPACE COMPANIES LTD., 2B, KING STREET, ST. JAMES'S, LONDON, S.W.1.								
A.G.S. 1123, SHEET 1.								

SIZE 8.5" x 11"

ISSUE No. 1
9

SM 2027

MARK	DIA. OF PIPE	L RAD.	M RAD.	P RAD.	Q	S	T	U	V	W	X DRILL DIA.	Y	Z B.S.P.F. THREAD
B	$\frac{1}{4}$ "	.04"	.05"	.06"	.310" .290"	.525" .520"	.410" .360"	1.060" 1.040"	.310" .290"	.290" .280"	$\frac{5}{32}$ "	.234" .224"	$\frac{1}{4}$ "
B-B	$\frac{5}{16}$ "	.04"	.06"	.10"	.410" .390"	.600" .595"	.440" .390"	1.160" 1.140"	.350" .330"	.330" .320"	$\frac{3}{16}$ "	.277" .267"	19 T.P.I. .60" O/D. WHIT(B.S.84)
C	$\frac{3}{8}$ "	.04"	.06"	.10"	.460" .440"	.710" .705"	.520" .470"	1.260" 1.240"	.380" .360"	.330" .320"	$\frac{1}{4}$ "	.343" .333"	$\frac{3}{8}$ "
C-C	$\frac{7}{16}$ "	.06"	.06"	.10"	.560" .540"	.820" .815"	.600" .550"	1.330" 1.310"	.400" .380"	.330" .320"	$\frac{5}{16}$ "	.387" .377"	14 T.P.I. .75" O/D. WHIT(B.S.84)
D	$\frac{1}{2}$ "	.06"	.08"	.10"	.560" .540"	.820" .815"	.690" .640"	1.380" 1.360"	.410" .390"	.330" .320"	$\frac{3}{8}$ "	.448" .438"	$\frac{1}{2}$ "

USED ON	REF.	DRAWING OR PART No.	DESCRIPTION	LIMITS NOT SHOWN

MATERIAL - REMARKS

DESIGNED	DRAWN	TRACED	CHECKED	APPROVED FOR S.B.A.C.	DATE
F.A.C.	F.A.C.	F.A.C.	F.A.C.	<i>H.B. Staker</i>	27.1.58

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

PIPE COUPLINGS (ALUMM. ALLOY)
CONE 4 WAY PIECE $\frac{3}{16}$ " TO $\frac{1}{2}$ "

A.G.S. 1123-SHEET 2

SIZE B.5-B*15"

SCALE 1:1