

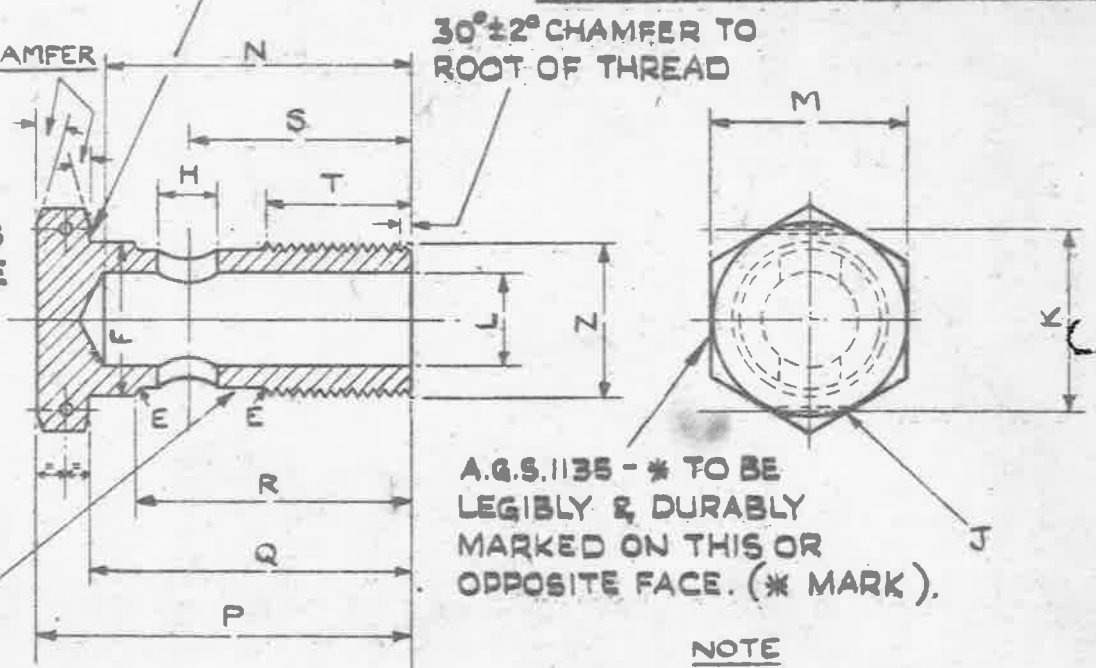
SMOOTH FINISH FREE FROM VISIBLE TOOL MARKS

15° ± 2° CHAMFER

30° ± 2° CHAMFER TO ROOT OF THREAD

ALL SHARP EDGES AND BURRS TO BE REMOVED

UNDERCUT TO ROOT OF THREAD



A.G.S. 1135 - * TO BE LEGIBLY & DURABLY MARKED ON THIS OR OPPOSITE FACE. (* MARK).

NOTE

POSITION OF HOLES 'H' RELATIVE TO FLATS OR CORNERS OF HEXAGONS IS UNIMPORTANT.

MARK	O/D OF PIPE	Z	T	S	R	Q	P	N	M	L	K	J	H	F	E
		B.S.P. THREAD	+02 -0	±.01	+01 -0	+0 -0	±.01	±.01	MIN. MAX.	DRILL	±.01	DRILL	DRILL	+005 -0	±.005
A	3/16"	1/8"	.53"	.72"	.83"	1.01"	1.36"	1.00"	.595" .600"	5/32"	.54"	1/16"	3/64"	.375"	.04"
B	1/4"	1/4"	.53"	.75"	.93"	1.11"	1.44"	1.10"	.705" .710"	7/32"	.67"	1/16"	3/16"	.507"	.05"
BB	5/16"	19 T.P.I. .60" O/D	.60"	.88"	1.06"	1.26"	1.60"	1.25"	.815" .820"	5/16"	.79"	1/16"	13/64"	.589"	.06"
C	3/8"	3/8"	.60"	.95"	1.16"	1.36"	1.70"	1.30"	.915" .920"	3/8"	.92"	1/16"	15/64"	.645"	.06"
CC	7/16"	14 T.P.I. .75" O/D	.68"	1.05"	1.28"	1.51"	1.85"	1.45"	1.002" 1.010"	7/16"	.96"	1/16"	17/64"	.736"	.06"
D	1/2"	1/2"	.73"	1.14"	1.43"	1.66"	1.98"	1.60"	1.002" 1.010"	1/2"	.96"	1/16"	5/16"	.811"	.06"
E	5/8"	5/8"	.73"	1.20"	1.53"	1.76"	2.10"	1.70"	1.092" 1.100"	5/8"	1.06"	1/16"	13/32"	.888"	.06"
F	3/4"	3/4"	.83"	1.33"	1.68"	1.96"	2.31"	1.80"	1.292" 1.300"	11/16"	1.26"	.076" (N°48)	1/2"	1.027"	.06"
G	7/8"	7/8"	.88"	1.48"	1.88"	2.16"	2.55"	2.00"	1.382" 1.390"	13/16"	1.37"	.076" (N°48)	19/32"	1.175"	.06"
H	1"	1"	.97"	1.72"	2.22"	2.54"	2.91"	2.35"	1.658" 1.670"	15/16"	1.68"	.076" (N°48)	11/16"	1.291"	.06"

MATERIAL:- STEEL TO B.S. SPEC. 8.94 (LATEST ISSUE).

FINISH:- CADMIUM PLATE TO D.T.D. 904 (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 B. FOR GENERAL ARRANGEMENT SEE A.G.S. NO 1128 SHEETS 1 & 2

WORKING PRESSURES:- 3,000 LB./SQ. IN. FOR SIZES UP TO 1/2" B.S.P.

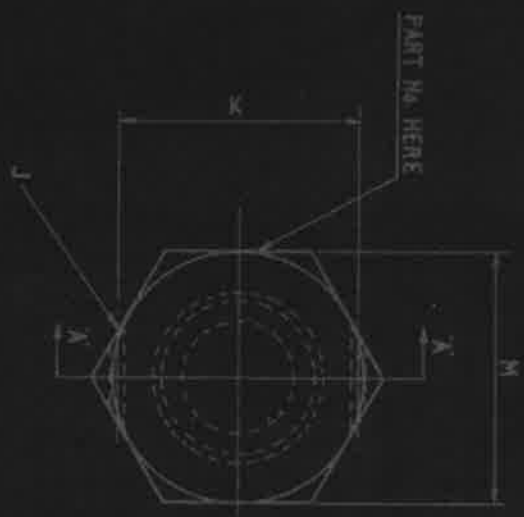
500 LB./SQ. IN. FOR SIZES 5/8" TO 1" B.S.P.

ISSUED BY ROYAL AIRCRAFT ESTABLISHMENT	TITLE:- PIPE COUPLINGS. (FOR LIGHT ALLOY RANGE.) BANJO BOLT (3/16" TO 1")				DRAWN G.T. Reynolds	TRACED H.W. 15-10-41
	ISSUE NO ALTER ^N NO	1 AGS/419	2 AGS/673	3 AS/AGS/ 663	4 AS/AGS/ 969	CHECKED J.P. Parker

AGS. 1133 SHEET 1

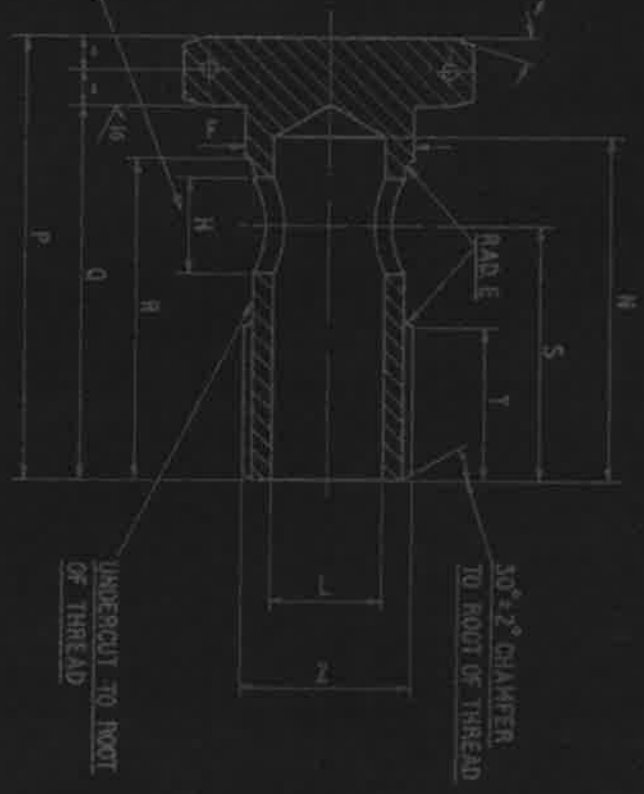
REV	DATE	BY	CHKD
6	1986		
1	1973		

SM 2024



15 ± 2° CHAMFER
EACH SIDE OF
HEXAGON

POSITION OF HOLES H
RELATIVE TO FLATS OR
CORNERS OF HEXAGONS
IS UNIMPORTANT.



SEE AGS. 100 FOR GENERAL INFORMATION.
FOR GENERAL ARRANGEMENT SEE AGS. 1128.
B.S.P.F. THREADS TO B.S. SPEC. 2779. MEDIUM FIT TRUNCATED.
WORKING PRESSURES: 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.

DESIGNED BY	DATE	SCALE	NO. OF SHEETS	SHEET NO.	PROJECT
DRWING	1986	1:1	1	1	AGS. 1133 SHEET 1
CHKD BY	DATE	SCALE	NO. OF SHEETS	SHEET NO.	PROJECT
1986	1:1	1	1	1	AGS. 1133 SHEET 1
REV	DATE	BY	CHKD	REASON	
6	1986				
1	1973				

A.G.S. 1135. SHEET 2.

MARK.	O/DIA. OF PIPE	E	F	DRILL		K	DRILL		M	N	P	Q	R	S	T	Z
				H	J		L	L								
A.	3 1/16	.045'	.380'	9 6/64	1 1/16	.550'	5 5/32	.600'	1.010'	1.370'	1.010'	.040'	.730'	.550'	1 1/8	
B.	1 1/4	.055'	.512'	3 1/16	1 1/16	.680'	7 7/32	.710'	1.110'	1.450'	1.110'	.940'	.760'	.550'	1 1/4	
B-B	5 1/16	.065'	.594'	13 6/64	1 1/16	.800'	5 1/16	.820'	1.260'	1.610'	1.260'	1.070'	.890'	.620'	1 1/2 P.I. .60 9/16 DIA. WHITE S84	
C.	3 1/8	.055'	.650'	15 6/64	1 1/16	.930'	3 1/8	.920'	1.310'	1.710'	1.310'	1.170'	.960'	.620'	3 1/8	
C-C	7 1/16	.065'	.741'	17 6/64	1 1/16	.970'	7 1/16	1.010'	1.460'	1.860'	1.510'	1.290'	1.060'	.700'	1 1/2 P.I. .75 9/16 DIA. WHITE S84	
D.	1 1/2	.055'	.811'	5 1/16	1 1/16	.950'	1 1/2	1.002'	1.440'	1.840'	1.500'	1.280'	1.040'	.680'	1 1/2	
E.	5 1/8	.065'	.895'	15 3/32	1 1/16	1.070'	9 1/16	1.100'	1.710'	2.110'	1.760'	1.540'	1.210'	.750'	5 1/8	
F.	3 1/4	.065'	.932'	1 1/2	No. 48 (.076 DIA)	1.050'	11 1/16	1.092'	1.690'	2.090'	1.750'	1.530'	1.190'	.750'	3 1/4	
G.	7 1/8	.065'	1.180'	19 1/32	No. 48 (.076 DIA)	1.250'	15 1/16	1.300'	1.810'	2.320'	1.960'	1.690'	1.340'	.850'	3 1/4	
H.	1 1/8	.065'	1.175'	5 1/2	No. 48 (.076 DIA)	1.360'	16 1/16	1.292'	1.790'	2.300'	1.950'	1.680'	1.320'	.850'	7 1/8	
	1 1/16	.055'	1.291'	11 1/16	No. 48 (.076 DIA)	1.690'	15 1/16	1.670'	2.360'	2.920'	2.540'	2.230'	1.730'	.990'	1 1/16	

DESIGNED BY THE PROPERTY OF BRITISH AIRCRAFT CORPORATION LTD.
18 KING STREET, ST. JAMES'S, LONDON, S.W.1.

SM 2027

HT

PT

PIPE COUPLINGS (FOR ALUMINUM ALLOY RANGE)
BANJO BOLT (9/16 TO 1")

SCALE

DESCRIPTION

REMARKS

A.G.S. 1135. SHEET 2.