

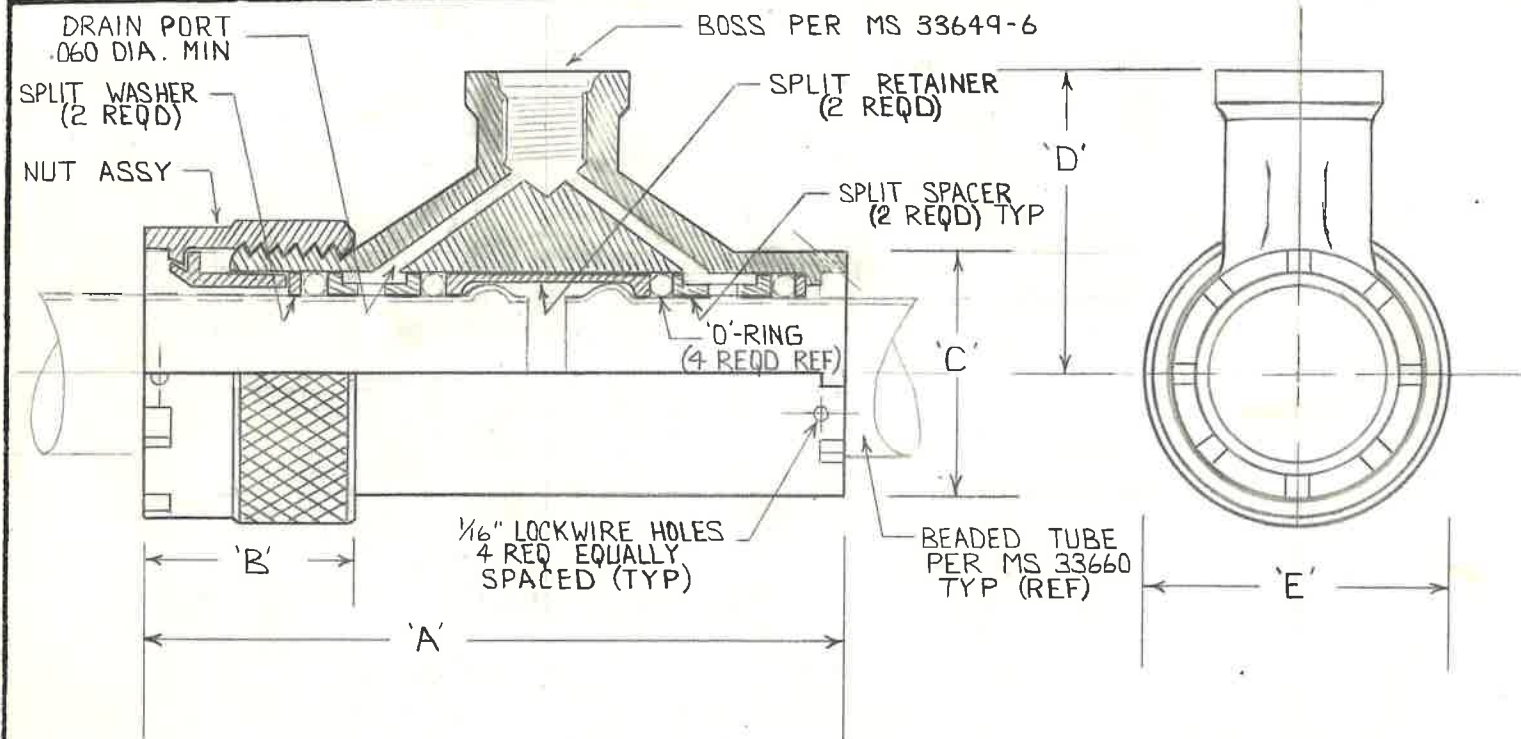
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THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

REPORT ALL DRAWING ERRORS TO ENGINEERING

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD.
A	1	'B' DIM. FOR -6-8-10 .682 WAS .672	12 APR 2006	B EDWARDS	J MacColl		
	2	'E' DIM. FOR -6-8-10 .907 1.032 1.157 WAS .906 1.031 1.156					
B	1	REVISED SHEET 2.	22 SEP 2017	R SIMPSON	A YUZ		



PART NUMBER EXAMPLE

DSC 342 - 12 D

MAT CODE : D ALUM
C CRES

SIZE CODE : TUBE OD
IN SIXTEENTHS.

BASIC PART No

APPROVED VENDORS

PART NUMBER	TUBE OD	'A' DIM MAX	'B' DIM MAX	'C' DIA MAX	'D' DIM MAX	'E' DIA MAX	WEIGHT LBS		WIGGINS		HYDRAFLOW	
							ALUM	CRES	ALUMINUM	STAINLESS	ALUMINUM	STAINLESS
DSC 342-6	.375	3.190	.682	.765	1.456	.907			3605DIC-6	3615DIC-6	BC 517-6A	BC 517-6C
↑ -8	.500	3.190	.682	.895	1.519	1.032			↑ -8	↑ -8	↑ -8A	↑ -8C
↑ -10	.625	3.190	.682	1.015	1.581	1.157			↑ -10	↑ -10	↑ -10A	↑ -10C
↑ -12	.750	3.305	.724	1.205	1.683	1.365			↑ -12	↑ -12	↑ -12A	↑ -12C
↓ -16	1.000	3.406	.754	1.455	1.834	1.615			↓ -16	↓ -16	↓ -16A	↓ -16C
DSC 342-20	1.250	3.406	.754	1.730	1.980	1.865			3605DIC-20	3615DIC-20	BC 517-20A	BC 517-20C

(REF ONLY)

O-RING SIZES

TUBE OD	O-RING DASH No	ASS'Y DASH No
.375	-110	-6
.500	-112	-8
.625	-114	-10
.750	-210	-12
1.000	-214	-16
1.250	-218	-20

SOURCE CONTROL DRAWING

ONLY THE ITEM(S) LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR'S NAME(S), ADDRESS(ES) AND PART NUMBER(S) HAVE BEEN APPROVED BY THE DE HAVILLAND AIRCRAFT OF CANADA LTD FOR THE USE IN DHC AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY THE DE HAVILLAND AIRCRAFT OF CANADA LTD.

DRAWN	M. ROSSO
CHECKED	Kromkamp
APPROVED	J Leung
STRESS	
STD., M.&P.	See ATTACH
CH. DRAFTN.	

17 DEC 1985

THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED
DOWNSVIEW ONTARIO

DRAWING TITLE

- COUPLING -

DOUBLE SEAL LEAK PASSAGE, VARIABLE CAVITY. 1/4" ACCEPTABLE TUBE EXPANSION AND CONTRACTION.

CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
71867		DSC 342		B
SCALE	WGT. CALC	ACTUAL	SHEET 1 OF 2	

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REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD.
A	1	NOTES 2,3,4,5 (MATERIAL & FINISH) 2024 T6, T851, T8510, T8511 WAS 2024-T6 T851	12 APR 2006	B EDWARDS	J. McCall	/	B. Woods
	2	AS5272 TY1F WAS MIL-L-8957					
B	1	AS5272 TYI WAS TYII	22 SEP 2017	SIMPSON	A. YUZ	/	R. J.

NOTES

1. PROCUREMENT DEPT. SHALL SPECIFY THE DSC AND THE MANUFACTURERS PART NUMBER ON PURCHASE ORDER.
2. A CERTIFICATE OF COMPLIANCE MUST ACCOMPANY EACH SHIPMENT.
3. THE SUPPLIER'S QUALITY SYSTEM SHALL MEET AS A MINIMUM THE REQUIREMENTS OF MIL-I-45208 OR A QAP-1 §-4.
4. MEETS REQUIREMENTS OF MIL-C-22263 OR MIL-C-85061.
5. O-RING TO CONFORM DIMENSIONALLY TO AS 568.
6. OPERATING PRESSURE-125 PSIG, PROOF PRESSURE-250 PSIG, BURST PRESSURE-375 PSIG.

MATERIAL & FINISH

1. COUPLING BODY : CRES- 303 CRES PER ASTM-A-296 OR EQUIVALENT - PASSIVATE PER MIL-S-5002.
ALUMINUM- 356-T6 OR EQUIVALENT- ANODIZE PER MIL-A-8625 TYPE II
2. NUT ASSEMBLY : CRES- TYPE 303 OR EQUIVALENT- PASSIVATE PER MIL-S-5002. > THREADS DRY FILM LUBRICATED PER AS5272 TYPE I
ALUMINUM- 2024-T6 OR 2024T851, T8510 OR T8511- ANODIZE PER MIL-A-8625 TYPE II.
3. SPLIT RETAINER : CRES- TYPE 303 OR EQUIVALENT- PASSIVATE PER MIL-S-5002.
ALUMINUM- 2024-T6 OR 2024T851, T8510 OR T8511- ANODIZE PER MIL-A-8625 TYPE II.
ALTERNATE MATERIAL 6061-T6 OR TYPE 380 PER QQ-A-591.
4. SPLIT SPACER : CRES- TYPE 303 OR EQUIVALENT - PASSIVATE PER MIL-S-5002.
ALUMINUM- 2024-T6 OR 2024T851, T8510 OR T8511- ANODIZE PER MIL-A-8625 TYPE II.
5. SPLIT WASHER : CRES- TYPE 303 OR EQUIVALENT- PASSIVATE PER MIL-S-5002.
ALUMINUM- SIZES -6 THRU-10 3003-O OR 6061-O,
SIZES -12 THRU-20 2024-T3, T6, T81, T851, T8510, T8511
PER MIL-A-8625 TYPE II CL.2 - DRY FILM
LUBRICATED PER AS5272 TYPE I

DRAWN	M. ROSSO
CHECKED	KROMKAMP
APPROVED	Therap
STRESS	
STD., M.&P.	SEWATREX
CH. DRAFTN.	

THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED
DOWNSVIEW ONTARIO

DRAWING TITLE

-COUPLING-

DOUBLE SEAL LEAK PASSAGE, VARIABLE
CAVITY. 1/4" ACCEPTABLE TUBE EXPANSION
AND CONTRACTION.

CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
71867		DSC 342		B
SCALE	WGT. CALC	ACTUAL	SHEET	2 OF 2

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