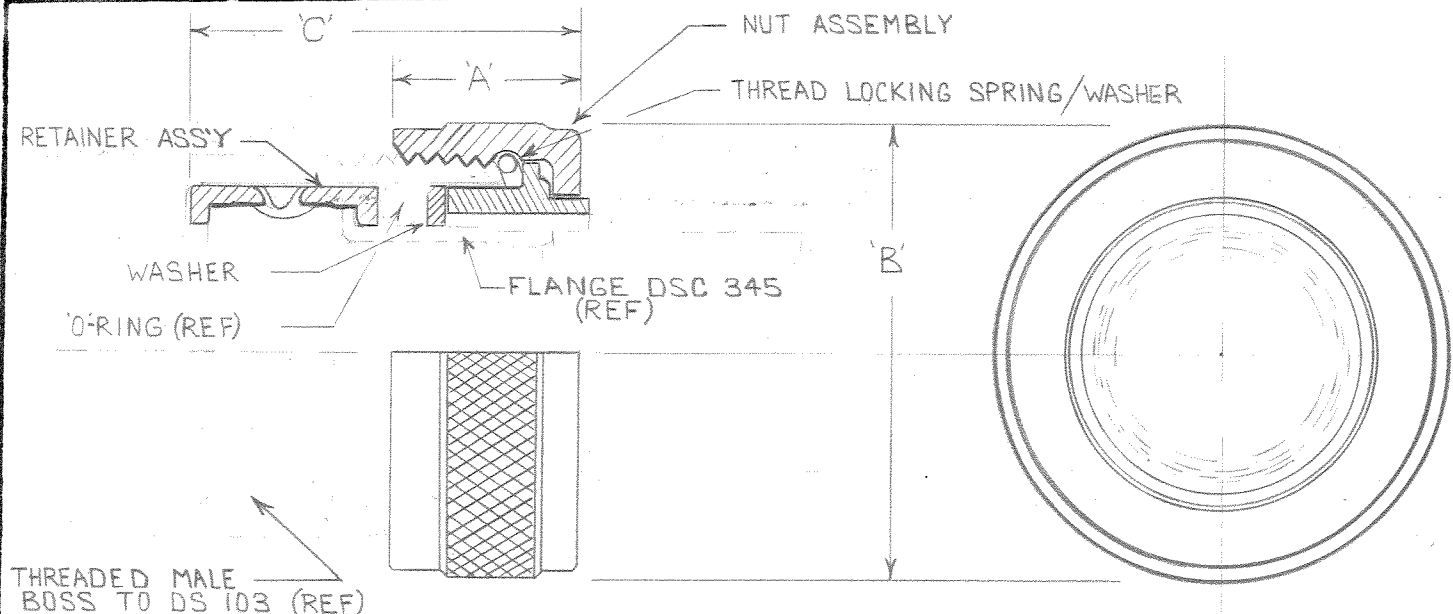


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THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

**REPORT ALL DRAWING ERRORS TO
ENGINEERING**

REVISIONS					
CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED
A		NOTE 5 ADDED	13/94	PLAM	
B		NOTE 5 DELETED (RE: MEMO D3612/RK/96-481)	23/04/96	P. LAM	
C		NOTE 1,2,3,4 (MATERIAL AND FINISH)	12 APR 2006	BEDWARDS	J. MACCOLL
	1	AS 5272 T41 WAS MIL-L-8947			
	2	AMS 2700 METHOD 1 (AMS QQ-P-35) WAS MIL-S-5002			
	3	'C' DIM REF WAS 'C' DIM MAX			
	4	WEIGHT LBS WAS 'WEIGHT LBS REF' MAX			
	5	WEIGHT FOR -16D TO -32D NOW .040 .045 .082 .090 .112			



NOTES

- 1. PROCUREMENT DEPT SHALL SPECIFY THE DSC AND MANUFACTURERS PART NUMBER ON PURCHASE ORDER.
- 2. A CERTIFICATE OF COMPLIANCE MUST ACCOMPANY EACH SHIPMENT.
- 3. THE SUPPLIER QUALITY SYSTEM SHALL MEET AS A MINIMUM THE REQUIREMENTS OF MIL-I-45208 OR DND 1016 (CANADIAN DOCUMENT).
- 4. COUPLING ASSEMBLY SHALL MEET THE REQUIREMENTS OF MIL-C-22263.

MATERIAL & FINISH

- 1. **NUT ASSEMBLY** : NUT - 2024-T6 QQ-A-225/6 OR EQUIVALENT - ANODIZED PER MIL-A-8625, COLOUR MAGENTA, WITH 1D DRY FILM LUBRICATED PER ASS272TY.1 - RING 2024-T4 OR -T6 QQ-A-225/6 OR EQUIVALENT - ANODIZED PER MIL-A-8625 TYPE II, DICHROMATE SEAL.
- 2. **LOCK SPRING/WASHER** : 301/302 OR 17-7PH COND CH900-PASSIVATED (QQ-P-35) AMS 2700 METHOD 1
- 3. **WASHER** : 2024T4 OR T6 QQ-A-225/6 OR EQUIVALENT - ANODIZED PER MIL-A-8625 TYPE II. AND DRY FILM LUBRICATED PER ASS272TY.1
- 4. **RETAINER ASSEMBLY** : RETAINER-2024-T6 QQ-A-225/6 OR EQUIVALENT - CHEM CONVERSION FILM PER MIL-C-5541 CLASS 3. BONDING SPRING - 301 CRES HARD TEMPER PER MIL-S-5059 PASSIVATED PER AMS 2700 METHOD 1 (QQ-P-35)

NOTES (CONT'D)

- 5. NOT TO BE USED INSIDE FUEL TANKS WITHOUT SUPPLEMENTAL BONDING JUMPERS.

PART NUMBER	TUBE OD	'A' DIM MAX	'B' DIA MAX	'C' DIM REF	WEIGHT LBS - Nom Ref	APPROVED VENDORS	
						HYDRAFLOW	WIGGINS
DSC 341-16D	1.000	.496	1.689	1.050	.040	12H73-16AE	W703-16DE
↑ -20D	1.250	.496	1.939	1.050	.045	↑ -20AE	↑ -20DE
↓ -24D	1.500	.599	2.324	1.160	.082	↓ -24AE	↓ -24DE
↓ -28D	1.750	.599	2.574	1.160	.090	↓ -28AE	↓ -28DE
DSC 341-32D	2.000	.599	2.887	1.160	.112	12H73-32AE	W703-32DE

DRAWN	M. ROSSO	THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO			
CHECKED	PLAM				
APPROVED	J. Leung	DRAWING TITLE			
STRESS		HALF COUPLING ASS'Y			
STD., M.&P.	S. Schreiner	SELF-LOCKING, INTEGRAL			
CH. DRAFTN.		ELECTRICAL BOND.			
		CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE
		71867		DSC 341	C
31, SEPT. 1985		SCALE	WGT. CALC	ACTUAL	SHEET 1 OF 2

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.

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REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD.
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PRESSURE RATING

- 1, OPERATING PRESSURE - 125 PSI
- 2, PROOF PRESSURE - 250 PSI
- 3, BURST PRESSURE - 375 PSI

(REF ONLY)

O-RING SIZES

TUBE OD	O-RING DASH N°	ASS'Y DASH N°
1.000	-216	-16D
1.250	-220	-20D
1.500	-326	-24D
1.750	-328	-28D
2.000	-330	-32D

PART NUMBER EXAMPLE

DSC341 - 16D

SIZE CODE, TUBE OD
IN 1/16" INCREMENTS, ALUM ALLOY.

BASIC PART NUMBER.

DRAWN	M.ROSSO	THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO					
CHECKED		DRAWING TITLE					
APPROVED	J. Leung	HALF COUPLING ASS'Y					
STRESS		SELF LOCKING, INTEGRAL					
STD., M.&P.		ELECTRICAL BOND.					
CH. DRAFTN.		CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.	
		71867		DSC 341		-	
	31, SEPT. 1985	SCALE	WGT. CALC	ACTUAL	SHEET 2 OF 2		

SOURCE CONTROL DRAWING

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