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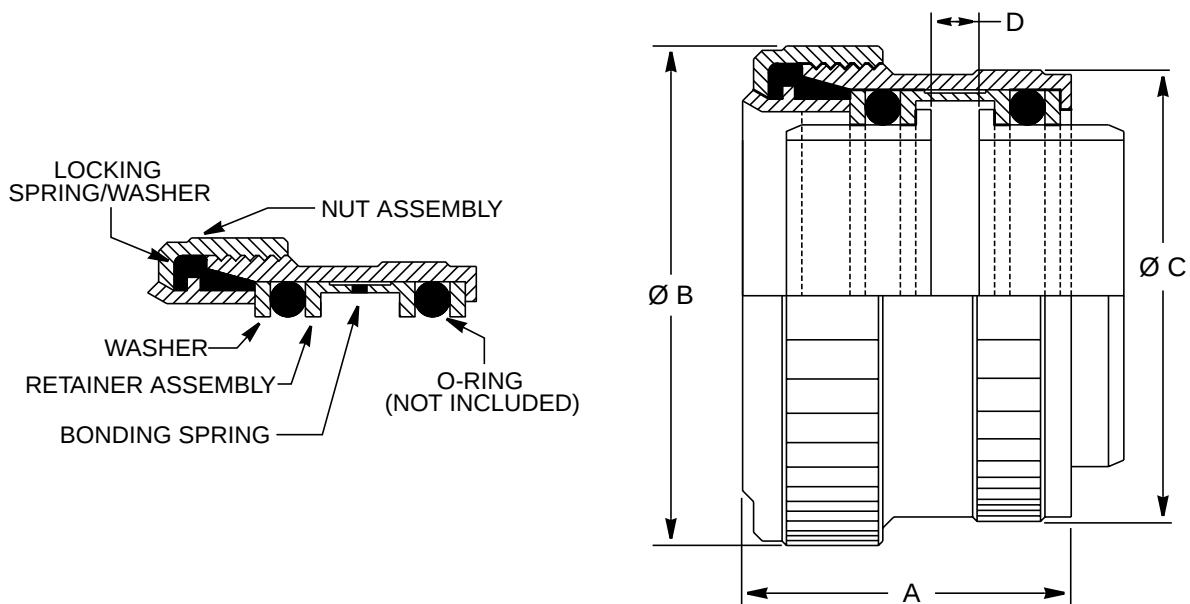
de HAVILLAND

CAGE CODE 71867

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 FOR USE IN DE HAVILLAND AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY DE HAVILLAND ENGINEERING STANDARDS

SOURCE CONTROL DRAWING



DSC PART #	TUBE SIZE	O-RING SIZE	A MAX	Ø B MAX	Ø C MAX	D MAX	WEIGHT (lbs)
DSC534-8	0.500	114	1.08	1.13	0.90	0.28	0.028
DSC534-12	0.750	212	1.23	1.43	1.23	0.29	0.046
DSC534-16	1.000	216	1.29	1.69	1.49	0.35	0.057
DSC534-20	1.250	220	1.29	1.94	1.74	0.35	0.068
DSC534-24	1.500	326	1.48	2.32	2.12	0.39	0.113
DSC534-28	1.750	328	1.48	2.57	2.37	0.39	0.127
DSC534-32	2.000	330	1.48	2.88	2.63	0.33	0.163
DSC534-36	2.250	332	1.50	3.13	2.88	0.33	0.180
DSC534-40	2.500	334	1.50	3.38	3.13	0.33	0.197
DSC534-44	2.750	336	1.50	3.64	3.39	0.33	0.253
DSC534-48	3.000	338	1.50	3.89	3.62	0.33	0.270
DSC534-56	3.500	342	1.58	4.39	4.12	0.40	0.315
DSC534-64	4.000	346	1.60	4.90	4.64	0.42	0.366
DSC534-72	4.500	426	1.91	5.54	5.26	0.42	0.606
DSC534-80	5.000	430	2.12	6.11	5.76	0.55	0.851
DSC534-88	5.500	434	2.12	6.64	6.27	0.56	0.964
DSC534-96	6.000	437	2.17	7.13	6.78	0.60	1.034
DSC534-104	6.500	439	2.22	7.66	7.28	0.62	1.164

LIST OF CURRENT SHEETS									
SHEET	1	2	3						
REV	--	--	--						

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	B. McDONALD	TITLE: FULL COUPLING ASSEMBLY, LOCKING, INTEGRAL ELECTRICAL BOND	DSC 534
CHECKED	W. SIMMONS		
STRESS	---		PAGE 1 OF 3
APPROVED	S. HAMID		

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APPROVED: 19 MAY 99

SOURCE CONTROL DRAWING

MATERIAL & FINISH:

NUT ASSEMBLY

NUT: 2024-T6 PER QQ-A-225/6 AL ALLOY OR EQUIVALENT; ANODIZED MAGENTA PER MIL-A-8625; ID DRY FILM LUBRICATED PER MIL-L-8937.

RING: 2024-T4/T6 PER QQ-A-225/6 OR EQUIVALENT; ANODIZED CLEAR PER MIL-A-8625, TY II, DICHROMATE SEAL.

LOCK SPRING/WASHER

301/302 CRES PER MIL-S-5059 AND QQ-W-423 RESPECTIVELY, OR 17-7PH COND CH900; PASSIVATED PER MIL-S-5002

WASHER

2024-T6 PER QQ-A-225/6 OR EQUIVALENT; ANODIZED PER MIL-A-8625, TY II; AND DRY FILM LUBRICATED PER MIL-L-8937

RETAINER ASSEMBLY

RETAINER: 2024-T6 PER QQ-A-225/6 OR EQUIVALENT; ANODIZED MAGENTA PER MIL-A-8625, TY II

BOND SPRING: 301 CRES FULL HARD TEMPER PER MIL-S-5059 OR AMS5519; PASSIVATED PER QQ-P-35

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.
- 5) PRESSURE RATING:
 - i. OPERATING PRESSURE - 125 PSI
 - ii. PROOF PRESSURE - 250 PSI
 - iii. BURST PRESSURE - 375 PSI

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APPROVED VENDORS LISTING

DSC PART #	APPROVED VENDORS	
	HYDRAFLOW	WIGGINS
DSC534-8	--	W701-8DE
DSC534-12	12J74-12AE	W701-12DE
DSC534-16	12J74-16AE	W701-16DE
DSC534-20	12J74-20AE	W701-20DE
DSC534-24	12J74-24AE	W701-24DE
DSC534-28	12J74-28AE	W701-28DE
DSC534-32	12J74-32AE	W701-32DE
DSC534-36	12J74-36AE	W701-36DE
DSC534-40	12J74-40AE	W701-40DE
DSC534-44	12J74-44AE	W701-44DE
DSC534-48	12J74-48AE	W701-48DE
DSC534-56	12J74-56AE	W701-56DE
DSC534-64	12J74-64AE	W701-64DE
DSC534-72	12J74-72AE	W701-72DE
DSC534-80	12J74-80AE	W701-80DE
DSC534-88	12J74-88AE	W701-88DE
DSC534-96	--	W701-96DE
DSC534-104	--	W701-104DE

VENDOR ADDRESSES AND CAGE CODES:

HYDRAFLOW: CERRITOS, CA - CAGE CODE 24984

WIGGINS CONNNECTOR, DIV OF TRANSDIGM INC.: LOS ANGELES, CA - CAGE CODE 79326

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