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THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

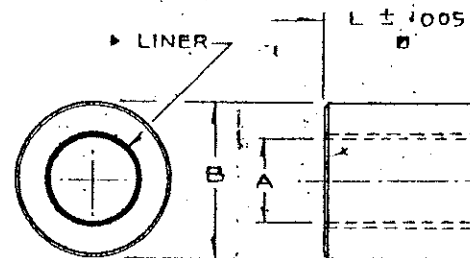
MATERIALS

HOUSING - ALUM ALLOY 7075-T6/T651 ANODIZED OR ALODINED
OR
ALLOY STEEL 4130 (ADD "S" AFTER FIRST DASH NUMBER)
CADMIUM PLATED
OR HT. TR. STAINLESS STEEL (ADD "SS" AFTER FIRST DASH NUMBER)

EXAMPLES - DSC-9-7 (ALUM ALLOY); DSC-9-7-S (STEEL); DSC-9-7-SS (ST. STEEL)

LINER - TEFLON OR BRONZE IMPREGNATED WITH TEFLON

REPORT ALL DRAWING ERRORS TO ENGINEERING



CHAMFER 45° x 0.025 BOTH ENDS

PART NUMBER	A BORE DIA + .0005 - .0005	B OUTSIDE DIA + .0005 + .0000	APPROVED VENDOR PART NUMBER					
			ASTRO 1.	HEIM 2.	KAHR 3.	TORCO 4.	ASTRO TEFLON 5.	ASTRO DURALINER 6.
DSC-9-4	0.2500	0.3750	FDU-4	HDSC-9-4	KJN-4-17	TB-4	AT04-118()L	NHDE4()L
DSC-9-5	0.3125	0.4375	FDU-5	HDSC-9-5	KJN-5-17	TB-5	AT05-118()L	NHDE5()L
DSC-9-6	0.3750	0.5625	FDU-6	HDSC-9-6	KJN-6-17	TB-6	AT06-118()L	NHDE6()L
DSC-9-7	0.4375	0.6250	FDU-7	HDSC-9-7	KJN-7-17	TB-7	AT07-118()L	NHDE7()L
DSC-9-8	0.5000	0.6875	FDU-8	HDSC-9-8	KJN-8-17	TB-8	AT08-118()L	NHDE8()L
DSC-9-9	0.5625	0.7500	FDU-9	HDSC-9-9	KJN-9-17	TB-9	AT09-118()L	NHDE9()L
DSC-9-10	0.6250	0.8125	FDU-10	HDSC-9-10	KJN-10-17	TB-10	AT10-118()L	NHDE10()L
DSC-9-11	0.6875	0.8750	FDU-11	HDSC-9-11	KJN-11-17	TB-11	AT11-118()L	NHDE11()L
DSC-9-12	0.7500	1.0000	FDU-12	HDSC-9-12	KJN-12-17	TB-12	AT12-118()L	NHDE12()L
DSC-9-14	0.8750	1.1250	FDU-14	HDSC-9-14	KJN-14-17	TB-14	AT14-118()L	NHDE14()L
DSC-9-16	1.0000	1.2500	FDU-16	HDSC-9-16	KJN-16-17	TB-16	AT16-118()L	NHDE16()L
DSC-9-18	1.1250	1.3750	FDU-18	HDSC-9-18	KJN-18-17	TB-18	AT18-118()L	NHDE18()L
DSC-9-20	1.2500	1.5000	FDU-20	HDSC-9-20	KJN-20-17	TB-20	AT20-118()L	NHDE20()L
DSC-9-22	1.3750	1.6250	FDU-22	HDSC-9-22	KJN-22-17	TB-22	AT22-118()L	NHDE22()L
DSC-9-24	1.5000	1.7500	FDU-24	HDSC-9-24	KJN-24-17	TB-24	AT24-118()L	NHDE24()L
DSC-9-26	1.6250	1.8750	FDU-26	HDSC-9-26	KJN-26-17	TB-26	AT26-118()L	NHDE26()L
DSC-9-28	1.7500	2.0625	FDU-28	HDSC-9-28	KJN-28-17	TB-28	AT28-118()L	NHDE28()L

NOTE - ULTIMATE DYNAMIC LOAD 28,000 P.S.I.

LENGTH "L" IN INCHES IS CODED BY THE SECOND DASH NUMBER IN INCREMENTS OF $\frac{1}{16}$ INCH;
CHECK WITH MAT. & PROCESS ENGINEER FOR LENGTH LIMITATIONS.

EXAMPLE OF PART NUMBER - DSC-9-4-S-B = $\frac{1}{4}$ INCH BORE x $\frac{1}{2}$ INCH LONG, STEEL BUSH

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 LIMITED FOR THE USE IN DHC AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY THE DE HAVILLAND AIRCRAFT OF CANADA LTD.

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD
A		TOLERANCE FOR "B" WAS +.0005 & -.0000. ASTRO PART NUMBER & ADDRESS ADDED.	NOV. 1963	SFG			
B		AT NOTE "B" AND RANGING FROM $\frac{3}{16}$ TO $\frac{13}{4}$ INCHES LONG ALTERED TO READ "CHECK WITH MATERIAL & PROCESS ENGINEER FOR LENGTH LIMITATIONS."	DEC 1963	SFG			
C		FINISHES WERE ADDED TO THE MATERIALS. HEIM AND KAHR PART NUMBERS ADDED. NOTES FOR GARLOCK BUSHING & FOR PROCUREMENT DEPT ADDED. INSTALLATION NOTES ALTERED.	DEC 1965	SFG			
D		TORCO PART NUMBERS ADDED	FEB 68	SFG			
E		ALODINE ADDED AS ALTERNATE FINISH	NOV. 68				
F		SHEET RE-ORGANIZED, NEW ASTRO NOS ADDED	NOV 75				
G		Now Sheet 1 of 2	20-8-89				
H		T651 TEMPER ADDED TO 7075 ALUM ALLOY	22/6/95				

INACTIVE FOR NEW DESIGN (SEE NOTE 1)

1. GARLOCK BUSHINGS ARE TO BE USED INSTEAD OF DSC-9 BUSHINGS WHEREVER POSSIBLE. FOR GARLOCK PART NOS SEE STDS.M&P ENG'G.
2. INSTALL BUSHINGS WITH LOCTITE GRADE 'A' SEALANT TO PFS 19.02
3. THERE SHALL BE A CLEARANCE OF .0003 TO .0015 MAX BETWEEN BEARING AND HOUSING DIA
4. THE PROCUREMENT DEPT SHALL SPECIFY THE DSC AND THE MANUFACTURERS NUMBERS ON THE PURCHASE ORDER.
5. IN "MIDE" & "AT" SERIES, COMPLETE THE PART NO. BY INSERTING 'A' FOR AL, 'S' FOR STEEL & 'SS' FOR ST. STEEL IN BRACKETS

1. ASTRO BEARING CORPORATION EL SEGUNDO, CALIFORNIA
2. HEIM UNIVERSAL CORP. FAIRFIELD, CONNECTICUT
3. KAHR BEARING CORP. BURBANK, CALIFORNIA
4. TORCO MANUFACTURING CO LTD COOKSVILLE, ONTARIO

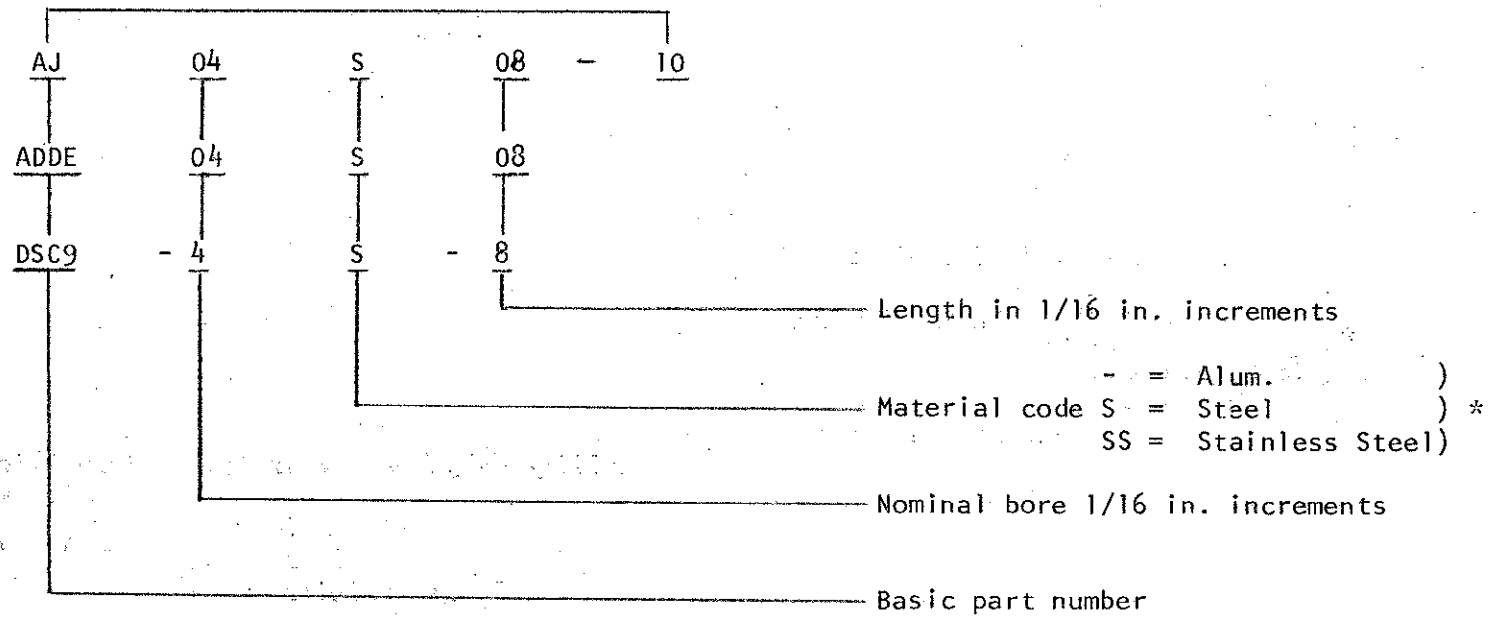
MOD NO.	THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED				
DRAWN - SFG	DOWNSVIEW ONTARIO				
CHECKED - SCHRATTNER	DRAWING TITLE				
APPROVED -	BUSHING				
STRESS -	PLAIN				
	TEFLON LINED				
	CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
	71867	B	DSC-9	P	H
	SCALE	WGT. GALL	ACTUAL	SHEET	1-6F 2

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REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
A		'A' CODE FOR ALUMINUM ADDED FOR ASTRO & NMB.	10/7/95	Kromkamp	P.L.		

DE HAVILLAND PART NO.	BORE DIA. + .0005 - .0005	OUTSIDE DIA. - .0005 + .0000	NMB PART NO.	ASTRO PART NO.
DSC9-4()-()	.2500	.3750	AJ04()-()-10	ADDE4()-()
-5()-()	.3125	.4375	AJ05()-()-10	ADDE5()-()
-6()-()	.3750	.5625	AJ06()-()-10	ADDE6()-()
-7()-()	.4375	.6250	AJ07()-()-10	ADDE7()-()
-8()-()	.5000	.6875	AJ08()-()-10	ADDE8()-()
-9()-()	.5625	.7500	AJ09()-()-10	ADDE9()-()
-10()-()	.6250	.8125	AJ10()-()-10	ADDE10()-()
-11()-()	.6875	.8750	AJ11()-()-10	ADDE11()-()
-12()-()	.7500	1.0000	AJ12()-()-10	ADDE12()-()
-14()-()	.8750	1.1250	AJ14()-()-10	ADDE14()-()
-16()-()	1.0000	1.2500	AJ16()-()-10	ADDE16()-()
-18()-()	1.1250	1.3750	AJ18()-()-10	ADDE18()-()
-20()-()	1.2500	1.5000	AJ20()-()-10	ADDE20()-()
-22()-()	1.3750	1.6250	AJ22()-()-10	ADDE22()-()
-24()-()	1.5000	1.7500	AJ24()-()-10	ADDE24()-()
-26()-()	1.6250	1.8750	AJ26()-()-10	ADDE26()-()
-28()-()	1.7500	2.0625	AJ28()-()-10	ADDE28()-()



* Material codes for Astro same as De Havilland; EXCEPT 'A' FOR ALUMINUM

Codes for NMB

- A = Aluminum
- S = Steel
- C = Stainless Steel

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 Company of Canada for use in DHC aircraft. A substitute item shall not be used without prior approval by the de Havilland Aircraft Company of Canada.

de HAVILLAND
A BOEING COMPANY
CANADA

DRAWN	KROMKAMP	14 FEB 89
CHECKED	P. LAM	14.02.89
APPROVED		20.2.89
MTL & STDS		
STRESS		
CH. DRAFTN.		

DRAWING TITLE

BUSHING - PLAIN

TEFLON LINED

REPORT ALL DRAWING ERRORS TO ENGINEERING		DWG SIZE	CODE IDENT NO.	DRAWING NO.	RELEASE	REV.
		B	71867	DSC 9		A
		SCALE	WGT CALC	ACTUAL	SHEET	2