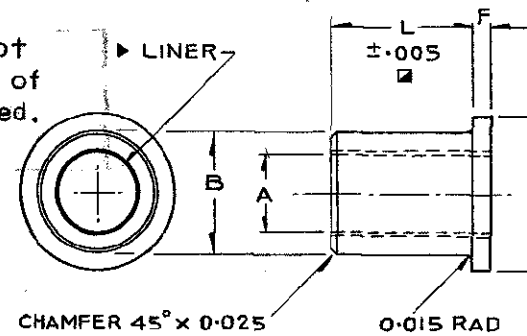


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THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

REPORT ALL DRAWING ERRORS TO ENGINEERING

MATERIALS
Housing Finish: Anodize all over, or anodize except for O.D. of bushing and back face of flange where alodine can be applied.
HOUSING — ALUM ALLOY 7075-T6
OR
ALLOY STEEL 4130 (ADD "S" AFTER THE FIRST DASH NUMBER)
CADMIUM PLATED
OR HT. TR. STAINLESS STEEL (ADD "SS" AFTER THE FIRST DASH NUMBER)
EXAMPLES — DSC-10-9 (ALUM ALLOY); DSC-10-9-S (STEEL); DSC-10-9-SS (ST. STEEL)
► LINER — TEFLON OR BRONZE IMPREGNATED WITH TEFLON



PART NUMBER	A BORE DIA ±.0005	B OUTSIDE DIA +.0005 +.0000	C FLANGE DIA ±.005	F FLANGE THICKNESS ±.005	APPROVED VENDOR PART NUMBER			
					ASTRO 1	HEIM 2	KAHR 3	TORCO 4
DSC-10-4	0.2500	0.3750	.500	.062	FSDU-4	HDSC-10-4	KJN-4-18	TF-4
DSC-10-5	0.3125	0.4375	.562	.062	FSDU-5	HDSC-10-5	KJN-5-18	TF-5
DSC-10-6	0.3750	0.5625	.687	.062	FSDU-6	HDSC-10-6	KJN-6-18	TF-6
DSC-10-7	0.4375	0.6250	.750	.062	FSDU-7	HDSC-10-7	KJN-7-18	TF-7
DSC-10-8	0.5000	0.6875	.812	.062	FSDU-8	HDSC-10-8	KJN-8-18	TF-8
DSC-10-9	0.5625	0.7500	.875	.062	FSDU-9	HDSC-10-9	KJN-9-18	TF-9
DSC-10-10	0.6250	0.8125	.937	.062	FSDU-10	HDSC-10-10	KJN-10-18	TF-10
DSC-10-11	0.6875	0.8750	1.000	.062	FSDU-11	HDSC-10-11	KJN-11-18	TF-11
DSC-10-12	0.7500	1.0000	1.125	.062	FSDU-12	HDSC-10-12	KJN-12-18	TF-12
DSC-10-14	0.8750	1.1250	1.375	.125	FSDU-14	HDSC-10-14	KJN-14-18	TF-14
DSC-10-16	1.0000	1.2500	1.500	.125	FSDU-16	HDSC-10-16	KJN-16-18	TF-16
DSC-10-18	1.1250	1.3750	1.625	.125	FSDU-18	HDSC-10-18	KJN-18-18	TF-18
DSC-10-20	1.2500	1.5000	1.750	.125	FSDU-20	HDSC-10-20	KJN-20-18	TF-20
DSC-10-22	1.3750	1.6250	1.875	.125	FSDU-22	HDSC-10-22	KJN-22-18	TF-22
DSC-10-24	1.5000	1.7500	2.000	.125	FSDU-24	HDSC-10-24	KJN-24-18	TF-24
DSC-10-26	1.6250	1.8750	2.125	.125	FSDU-26	HDSC-10-26	KJN-26-18	TF-26
DSC-10-28	1.7500	2.0625	2.312	.125	FSDU-28	HDSC-10-28	KJN-28-18	TF-28

REVISIONS					
CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED
A		TOLERANCE FOR "B" WAS +.0005 & -.0000. ASTRO PART NUMBER & ADDRESS ADDED.	NOV 1963	SFG	
B		AT NOTE 2 "AND RANGING FROM 3/16 TO 1 3/4 INCHES LONG" ALTERED TO READ "CHECK WITH MATERIAL AND 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 & PROCUREMENT DEPT ADDED. INSTALLATION NOTES ALTERED.	NOV. 1965	SFG	S.S.
D		TORCO PART NUMBERS ADDED	FEB 1968	SFG	SS
E		OPTIONAL FINISH ADDED	NOV. 68		SS

GARLOCK BUSHINGS ARE TO BE USED IN LIEU OF THE DSC-10 BUSHINGS WHEREVER POSSIBLE. FOR GARLOCK PART NUMBERS INQUIRE WITH MATL & PROC ENGRG DEPT.

NOTES —

INSTALL BUSHINGS WITH LOCTITE GRADE "AA" SEALANT TO PPS 19-02.

THERE SHALL BE A CLEARANCE OF .0003 TO .0015 MAX BETWEEN BEARING AND HOUSING DIA.

ULTIMATE DYNAMIC LOAD 28,000 PSI (RADIAL LOAD).

□ LENGTH "L" IN INCHES IS CODED BY THE SECOND DASH NUMBER IN INCREMENTS OF 1/16 INCH. CHECK WITH MAT. & PROCESS ENGR FOR LENGTH LIMITATIONS.

EXAMPLE OF PART NUMBER — DSC-10-8-SS-12 = 1/2 INCH BORE x 3/4 INCH LONG, ST. STEEL BUSH.

THE PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC AND THE MANUFACTURER'S PART NUMBERS ON THE PURCHASE ORDER.

4. TORCO MANUFACTURING CO LTD 3289 LOYWORTH DRIVE COOKSVILLE, ONTARIO
1. ASTRO BEARING CORPORATION 101 PENN STREET, ELSEGUNDO, CALIFORNIA.
2. HEIM UNIVERSAL CORP FAIRFIELD, CONNECTICUT.
3. KAHR BEARING CORP 3010 N SAN FERNANDO BLVD., BURBANK, CALIFORNIA.

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.

MOD NO.		THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO				
DRAWN	SFG/JG Nov. 63	DRAWING TITLE BUSHING FLANGED TEFLON LINED				
CHECKED	S. SCHRATTNER					
APPROVED	[Signature]					
STRESS	[Signature]					
		CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
		71867	B	DSC-10	P	E
		SCALE	WGT. CALC	ACTUAL	SHEET	