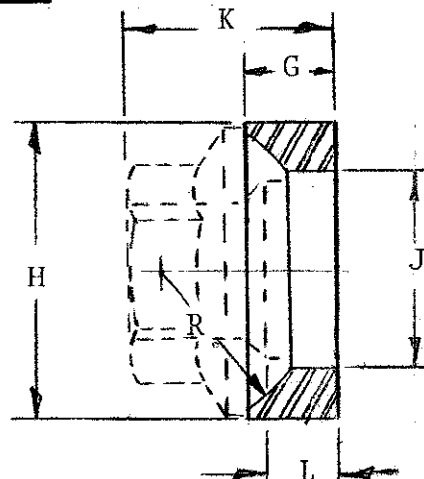
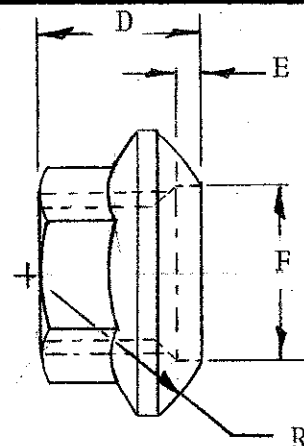
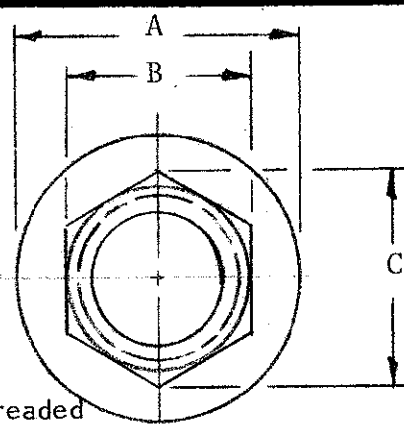


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REPORT ALL DRAWING ERRORS TO ENGINEERING

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
A		KAYNAR & ESNA PART NOS. ADDED	3/3/88	PK	U		SS
B		BRISTOL PART NOS. ADDED	20/6/89	PK	P LAM		DM
C		'A' INSERTED IN BRISTOL PART NO FOR ASSEMBLED CONDITION	11/9/90	PK	A. LAM		W. H. H.
D		WASHER LUBRICATION NOTE ADDED SEE NOTE 4	6/2/91	PK	A-3		PK



Upper Threaded Portion Deformed to produce self-locking action.

PART No.	Thread UNJF-3B MIL-S-8879	A MAX	B ±.005	C MIN	D REF	E ±.005	F ±.005	G ±.005	H MAX	J MAX	K MAX	L MIN	R	Strength Tensile lbs Min	WT lb/100	APPROVED VENDORS			
																DEUTSCH	VOI-SHAN	KAYNAR	ESNA
DSC203-3	.1900-32	.340	.246	.277	.187	.046	.216	.083	.395	.272	.243	.065	.240	3470	.51	TLN1020D3-3-U	VN376A02W	HK19700-3	E10980-3
-4	.2500-28	.435	.308	.348	.230	.042	.282	.118	.515	.354	.292	.065	.305	6200	.92	-4-U	A048W	-4	-4
-5	.3125-24	.560	.371	.419	.285	.038	.347	.155	.660	.440	.336	.065	.380	9820	1.78	-5-U	A054W	-5	-5
-6	.3750-24	.650	.434	.491	.305	.036	.412	.175	.790	.538	.361	.065	.440	15200	2.26	-6-U	A064W	-6	E10980-6
-7	.4375-20	.740	.496	.566	.315	-	.479	.232	.893	.598	.420	.065	.501	18000		-7-U		HK19700-7	
DSC203-8	.5000-20	.835	.558	.637	.345	-	.546	.260	1.005	.666	.435	.065	.561	24000		-8-U			
-2	.1640-32	.270	.217	.244	.150	.048	.180	.066	.345	.238	.227	.062	.210	2490	.23		VN376A82W		E10980-82

MATERIAL: Alloy Steel per MIL-S-6049 (8740) or MIL-S-5000 (4340)

HEAT TREAT: Nut-Rockwell C45 Max

Washer - " C36-C43

FINISH: Cadmium Plate QQ-P-416 Type II Class 2 or Class 3

MISALIGNMENT: Up to 8°

PERFORMANCE: Axial tensile strength values are to be met throughout the misalignment range when nut assemblies are tested on 180-200 KSI

Tensile strength, externally threaded parts in accordance with MIL-N-25027

NOTES: 1. Nut and washer to be supplied in assembled condition. Adhesive material must break free 100% with applied torque not exceeding the maximum locking torque values. The adhesive material must be chlorine free. No adhesive material permitted on flat face of washer or in threads of nut.

2. Magnetic particle inspect nut and washer elements per MIL-N-25027. Allowable discontinuities per NAS 3350

3. Dry film lube (MoS₂) per MIL-L-8937 over Cadmium Plate.

④ 4. LUBRICATION ON WASHER IS OPTIONAL

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.

Notes Cont'd

4. Hydrogen embrittlement relieve for 23 hrs. min.

5. The Procurement Dept. shall specify the DSC and the manufacturer's part number on the purchase order.

APPROVED VENDORS	
SIZE	BRISTOL
-2	BH00182A08
-3	A3
-4	A4
-5	A5
-6	BH00182A6

DRAWN	KROMKAMP	THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED			
CHECKED	SCHATTNER	DOWNSVIEW ONTARIO			
STD. M&P	P. Mathew	DRAWING TITLE			
STRESS	X	NUT ASSY:- SELF-ALIGNING,			
CH. DRAFT		Hex nut, self-locking 450°F Max. 160 KSI, 8° misalignment			
DATE	30 Oct 79				
		CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE
		71867	B	DSC 203	D
		SCALE	WGT. CALC	ACTUAL	SHEET