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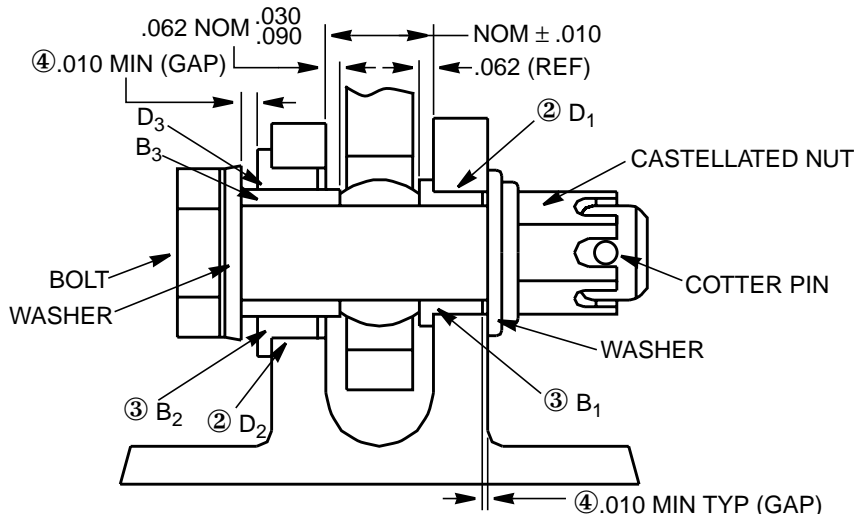
de HAVILLAND

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

DESIGN STANDARD



⑤ PIN SIZE	B ₁ BUSHING B0309009-__		D ₁ HOUSING DIA. FOR B ₁	B ₂ BUSHING NAS538B_P		D ₂ HOUSING DIA. FOR B ₂	B ₃ BUSHING B0309008-__		① D ₃ HOUSING DIA. FOR B ₃
	DASH #	O.D.(REF)		DASH #	O.D.(REF)		DASH #	O.D.(REF)	
1/4 (-4)	-04	.3761 .3754	.3746 .3751	-6	.5013 .5006	.4997 .5002	-04	.3749 .3744	.3750 .3758
5/16 (-5)	-05	.4386 .4379	.4371 .4376	-7	.5638 .5631	.5621 .5626	-05	.4374 .4369	.4375 .4383
3/8 (-6)	-06	.5013 .5006	.4997 .5002	-8	.6265 .6257	.6247 .6252	-06	.4999 .4994	.5000 .5008
7/16 (-7)	-07	.5638 .5631	.5621 .5626	-9	.6892 .6882	.6872 .6877	-07	.5624 .5619	.5625 .5633
1/2 (-8)	-08	.6265 .6258	.6248 .6253	-10	.8142 .8132	.8122 .8127	-08	.6249 .6244	.6250 .6258
9/16 (-9)	-09	.6892 .6885	.6873 .6880	-11	.8767 .8757	.8746 .8751	-09	.6874 .6869	.6875 .6883

ABOVE TABLE TO BE USED AS AN AID IN THE DESIGN OF A CLAMPED JOINT WITH SPHERICAL BEARING. JOINT STRENGTH TO BE APPROVED ON INDIVIDUAL DRAWING

- NOTES:**
- ① ENSURE D₃ AND I/D OF B₁ ARE IN LINE TO MINIMIZE ECCENTRICITY.
 - ② BRUSH ALODINE ON HOUSING AFTER REAMING.
 - ③ WET INSTALL BUSHINGS WITH F19, EPOXY PRIMER BY SHRINK FIT TO PPS 12.04.
 - ④ LONGEST BUSHING THAT STILL MEETS TOLERANCED GAP REQUIREMENTS, MUST BE SELECTED.
 - ⑤ SEE STANDARDS ENGINEERING FOR OTHER PIN SIZE COMBINATIONS.

LIST OF CURRENT SHEETS										
SHEET	1									
REV	A									

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	F. CUZZUPOLI	TITLE: DESIGN GUIDE, JOINT, CLAMPED, SPHERICAL BEARINGS	DS 144
CHECKED	P. LAM		
STRESS	S. CHENG		PAGE 1 OF 1
APPROVED	S. HAMID		

⑤ B₁ O.D., D₁, D₂, D₃ DIMENSIONS REVISED
NOTE 1 REVISED

REV:

REV:

REV:

REV:

REV:

REV: A - 24 JUL 99

APPROVED: 21 JUL 98