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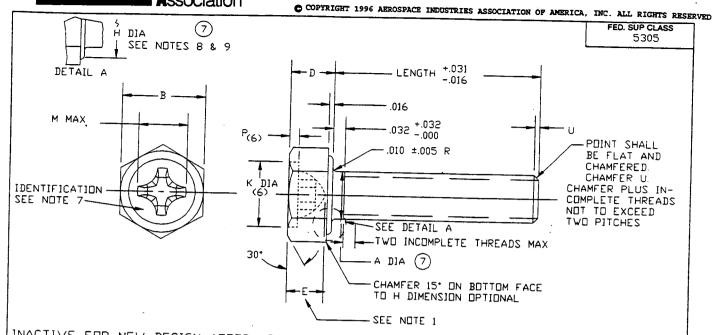
F F F

DRAWINGS F

SUPERSEDES ALL ANTECEDENT STANDARD DI AND SHALL BECOME EFFECTIVE NO LATER DATE OF APPROVAL SHOWN HEREON.

DRAWING ST E PRODUCT , A THE LAST (

NATIONAL AEROSPACE STANDARD



INACTIVE FOR NEW DESIGN AFTER APRIL 30, 1990, USE NAS1801. FOR DESCRIPTION OF STATUS NOTES SEE NAS380.

				TA.	BLE I	(7)					
FIRST DASH NO.	THREAD PER MIL-S-7742	Α	В	D	Ξ	H(8)	M MAX	U (REF)	CRUCIFORM RECESS SIZE	K ₍₆₎	P ₍₆₎
-1	6-32 UNC-3A	.115 .138	.250 .241	.080	.067	.210	.166	.016	2	(REF) .210	(REF)
-2	8-32 UNC-3A	.141	.250	.096	.087	.210					.012
-3		.164 .167	.241 .313	.110	.087	.510	.166	.016	5	.210	.018
-3	10-32 UNF-3A	.189	.302	.120	.082 .102	.272	.188	.016	2	.270	.020

MATERIAL:

ALLOY STEEL, 4037 (UNS G40370) PER AMS 6300, 4130 (UNS G41300) PER MIL-S-6758, 4340 (UNS G434000) PER MIL-S-5000 DR AMS 6415, 8630 (UNS G86300) PER MIL S 6050, 8735 (UNS G87350) PER MIL S 6098 DR 8740 (UNS G87400) PER MIL-S-6049.

HEAT TREATMENT: FINISH:

(7)

CODE:

125,000-145,000 PSI PER MIL-H-6875 CADMIUM PLATE PER QO-P-416, TYPE 11, CLASS 2 FIRST DASH NUMBER INDICATES DIAMETER; SECOND DASH NUMBER INDICATES LENGTH

EXAMPLES:

NAS1096-2-12 = SCREW, 8-32 THREAD, 3/4 LONG NAS1096-3-16 = SCREW, 10-32 THREAD, I LONG

NOTES:

GAGING OF THE CRUCIFORM RECESS SHALL BE IN ACCORDANCE WITH MS9006 GAGE PENETRATION E.

DRIENTATION OF RECESS SLOTS TO HEX IS OPTIONAL SCREWS SHALL BE FREE OF BURRS AND SLIVERS.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, ANGLES ±5

ALLDY STEELS 4037, 8630 AND 8735 ARE INACTIVE FOR NEW DESIGN AFTER JUNE 1993. 5. (7)PARTS MANUFACTURED FROM THESE ALLOY STEELS MAY BE FURNISHED FROM SUPPLIERS STBCK -UNTIL JUNE 1995.

CIRCULAR INDENTATION DEFINED BY DIMENSIONS 'K' AND 'P' IS OPTIONAL

PARTS MANUFACTURED AFTER JUNE 1993 SHALL INCLUDE HEADMARKING PER NAS1347. TYPE I. PARTS MARKED TO PREVIOUS REVISION MAY BE DELIVERED FROM SUPPLIERS STOCK UNTIL JUNE 1995.

MIN DIA OF WASHER FACE UNDER HEAD, MAX DIA NOT TO EXCEED ACTUAL WIDTH ACROSS

(7) CONCENTRICITY: "H" DIAMETER TO THREAD PITCH DIAMETER WITHIN .005 FIM.

LIST OF CURRENT SHEETS REV.

PRUCUREMENT SPECIFI	CATION: MIL-S-7839 EXCEPT MATERIAL AS SPECIFIED HEREIN.	0 1 7		
CUSTODIAN NATION	THIRD ANGLE PROJECTION			
PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION STANDARD PART		
NOTED	SCREW - HEX HEAD, RECESSED, FULL THREAD			

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY, AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY CONFORMANCE OF ITEMS PRODUCED LINDER NATIONAL AEROSPACE STANDARDS AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING IN