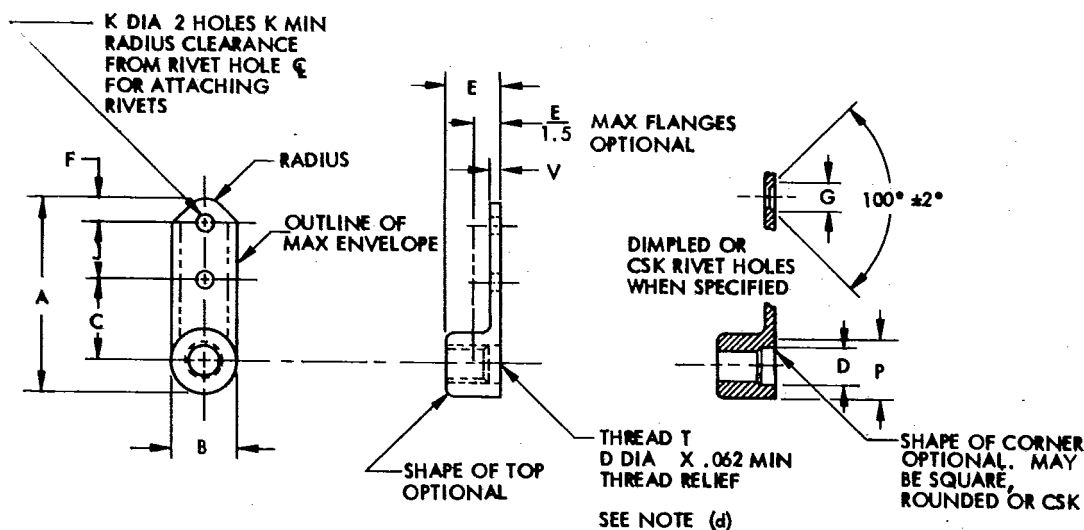




DASH NUMBER			(c) THREAD T	A MAX	B DIA MAX	C(b) ±.005	D DIA MIN
450°F STEEL	450°F CRES(e)	800°F CRES(e)					
A06	C06M	C06	.1380-32 UNJC-3B	.935	.297	.344	.142
A08	C08M	C08	.1640-32 UNJC-3B	.935	.297	.344	.168
A3	C3M	C3	.1900-32 UNJF-3B	.950	.328	.344	.194
A4	C4M	C4	.2500-28 UNJF-3B	.993	.414	.344	.254
A5	C5M	C5	.3125-24 UNJF-3B	1.210	.505	.500	.317
A6	C6M	C6	.3750-24 UNJF-3B	1.264	.614	.500	.379
A7	C7M	C7	.4375-20 UNJF-3B	1.446	.726	.562	.442

(c) THREAD T	E(a) MAX	F MIN	G DIA ±.010	J ±.002	(f) K DIA +.005 -.000	P MAX	V MAX	WEIGHT LBS/100	
								AVG (REF)	MAX
.1380-32 UNJC-3B	.171	.100	.200	.312	.098	.206	.047	.24	.28
.1640-32 UNJC-3B	.250	.100	.200	.312	.098	.248	.047	.25	.29
.1900-32 UNJF-3B	.250	.100	.200	.312	.098	.274	.047	.27	.33
.2500-28 UNJF-3B	.281	.100	.200	.312	.098	.344	.055	.49	.57
.3125-24 UNJF-3B	.328	.125	.230	.312	.130	.417	.065	.81	.96
.3750-24 UNJF-3B	.344	.125		.312	.130	.505	.075	1.09	1.44
.4375-20 UNJF-3B	.390	.156		.344	.161	.602	.085	1.77	2.02

LIST OF CURRENT SHEETS

NO.	REV.
1	10
2	10

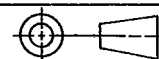
⑩ INACTIVE FOR NEW DESIGN AFTER 1 JANUARY 1989 USE MS21051 AND MS21052.
FOR DESCRIPTION OF STATUS NOTES SEE NAS380.

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

AS NOTED

TITLE

NUT, SELF-LOCKING, PLATE-ONE LUG,
LOW HEIGHT, C' BORETHIRD
ANGLE
PROJECTIONCLASSIFICATION
STANDARD PART

NAS 682

Documents

SHEET 1 OF 2

- (a) MINIMUM "E" NOT SPECIFIED, LIMITED ONLY BY STRENGTH REQUIREMENT OF SPECIFICATION.
- (b) THE CENTER OF THE TAPPED HOLE SHALL NOT DEVIATE IN ANY DIRECTION FROM THE CENTER OF THE PLATE NUT AS DETERMINED BY THE RIVET HOLES, BY MORE THAN .005.
- (c) THREADS IN ACCORDANCE WITH MIL-S-8879 BEFORE LUBRICATION.
- (d) ON SIZE .1380 AND SMALLER CSK TO D DIA.
- (e) MAGNETIC PERMEABILITY SHALL BE LESS THAN 2.0 (AIR = 1.0) FOR A FIELD STRENGTH H = 200 OERSTEDS USING A MAGNETIC PERMEABILITY INDICATOR PER MIL-I-17214 OR EQUIVALENT.
- (f) FOR DIMPLED RIVET TYPE ONLY, K DIAMETER TOLERANCE +.015 - .000 AFTER FORMING.

CODE: DASH NO. SUFFIXED BY K BACK CSK OR DIMPLED RIVET HOLES.
 INSERT "X" IN LIEU OF "A" IN THE 450°F STEEL CODE FOR CADMIUM PLATED STEEL NUTS WITHOUT LUBRICANT.

EXAMPLES OF PART NUMBERS:

NAS682A4 = .2500-28 PLATE NUT, ALL METAL, PLAIN RIVET HOLES, 450°F MAX.

NAS682A4K = .2500-28 PLATE NUT, ALL METAL CONSTRUCTION WITH BACK CSK OR DIMPLED RIVET HOLES.

NAS682C4 = .2500-28 PLATE NUT, ALL METAL, A286 CRES, 800°F MAX.

NAS682C4M = .2500-28 PLATE NUT, ALL METAL, A286 CRES, 450°F MAX, WITH APPROVED DRY FILM LUBRICANT.

NAS682X4 = .2500-28 PLATE NUT, ALL METAL, PLAIN RIVET HOLES, 450°F MAX, WITHOUT LUBRICANT.

MATERIAL: NUT AND BASE: STEEL. SEE PROCUREMENT SPECIFICATION.

CRES. A286 PER AMS 5525, NON-MAGNETIC.

FINISH: STEEL: CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2, PLUS AN APPROVED DRY FILM LUBRICANT. EXISTING NUTS WITH AN OPTIONAL TYPE AND CLASS OF CADMIUM PLATE PER QQ-P-416, AS PREVIOUSLY PERMITTED, MAY BE FURNISHED UNTIL 16 DEC. 1976.

CRES: SILVER PLATE FOR 800°F USE PER MIL-N-25027 TO A .0002 MINIMUM THICKNESS ON SURFACES WHICH CAN BE TOUCHED BY A .7500 (3/4-INCH) BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED.

CRES: APPROVED DRY FILM LUBRICANT FOR 450°F USE.

PROCUREMENT SPECIFICATION: MIL-N-25027 EXCEPT AS NOTED. ALL NUTS SHALL MEET QUALIFICATION AND INSPECTION REQUIREMENTS. MANUFACTURERS SHALL PROVIDE EVIDENCE OF QUALIFICATION WHEN REQUIRED. TESTING SHALL BE PERFORMED BY MANUFACTURER OR INDEPENDENT LABORATORY. PROCURING AGENCY MAY CONDUCT CONFIRMING QUALIFICATION TESTS. NO QPL SHALL BE ESTABLISHED.

NOTE: AXIAL STRENGTH REQUIREMENTS PER MIL-N-25027 TABLE I VALUES FOR REGULAR STEEL NUTS DIMENSIONS IN INCHES.

⑩ INACTIVE FOR NEW DESIGN AFTER 1 JANUARY 1989 USE MS21051 AND MS21052. FOR DESCRIPTION OF STATUS NOTES SEE NAS380.

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON.