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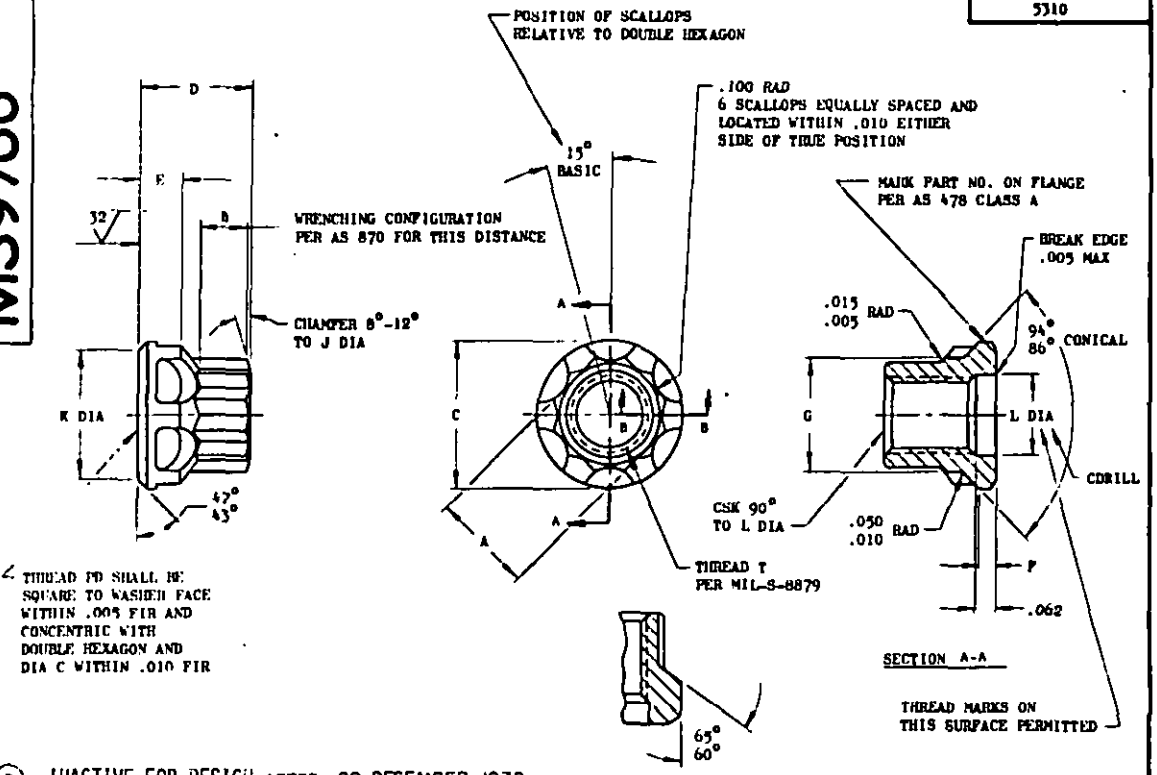
FED. SUP CLASS
5310

MS9766



(B) INACTIVE FOR DESIGN AFTER 20 DECEMBER 1972.
NO SUPERSEDING STANDARD

SECTION B-B

PART NUMBER	THREAD T	A NOMINAL A/F	B MIN	C +.000 -.005	D	E	F MIN	F MAX	G +.000 -.015	J	K +.000 -.010	L	APPROX WEIGHT LB/100
MS9766-09	.190 -32 UNJF-3BG	.250	.122	.375	.277	.095	.030	.045	.285	.250	.345	.205	.497
MS9766-10	.250 -28 UNJF-3BG	.312	.144	.438	.329	.125	.035	.055	.350	.312	.408	.265	.572
MS9766-11	.3125-24 UNJF-3BG	.375	.166	.500	.352	.125	.035	.055	.415	.375	.470	.327	.758
MS9766-12	.375 -24 UNJF-3BG	.438	.188	.562	.384	.125	.035	.055	.480	.438	.532	.390	.929

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5737.
2. HEAT TREATMENT: FINISHED NUTS SHALL MEET THE PHYSICAL PROPERTIES OF AMS 5737.
3. HARDNESS: ROCKWELL C29-39.
4. FLUORESCENT PENETRANT INSPECTION PER AMS 2645 BEFORE PLATING.
5. FINISH: SILVER PLATE AMS 2411. .0002-.0006 THICK ON THREAD AT PD. DIMENSIONS SPECIFIED ARE AFTER PLATING.
6. SURFACE TEXTURE: ASA B46-1 1962. UNLESS OTHERWISE SPECIFIED MACHINED SURFACES TO BE 125 MICRODINCHES.
7. BREAK SHARP EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
9. DO NOT USE UNASSIGNED PART NUMBERS.

AS A AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PROPULSION DIVISION.

APPROVED 29 FEB 1968 REVISED (A) 12 MAR 70 (B) 20 Dec 72

P.A.	TITLE	MILITARY STANDARD
USAF - 11 Other Cust NAVY - AS	NUT, DOUBLE HEXAGON, CUP WASHER LOCKED, AMS 5737, CRES	MS9766
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited reproduction) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

User activities: Navy - MC, XH
Review activities: Air Force - 82

This standard has been approved by the Department of the USAF (AFSC) and Department of the Navy and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable