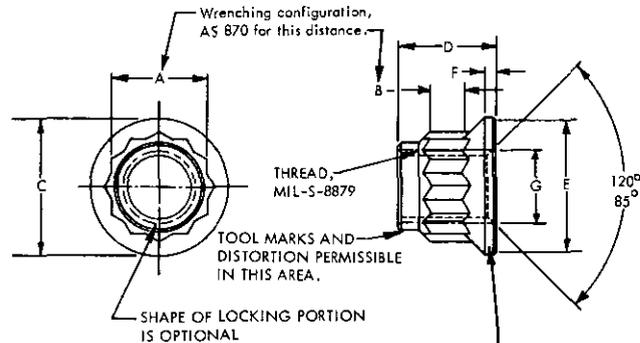


FED. SUP CLASS
5310

Mark Part No. and manufacturer's identification, AS 478, class A. (See Note 10.)

MS PART NO.	THREAD T	A NOM.	B MIN	C MAX.	D MAX.	E MIN.	F MIN.	G +.000 -.015	X (See Note 4)	Tensile Strength (Lbs. Min.)	Approx. Wt. Lbs./100
-3	.190-32UNJF-3BG	.2500	.080	.350	.260	.302	.025	.220	.005	2,800	.24
-4	.250-28UNJF-3BG	.3125	.090	.440	.333	.392	.045	.280	.005	5,220	.40
-5	.3125-24UNJF-3BG	.3750	.105	.525	.345	.477	.055	.345	.005	8,380	.69
-6	.375-24UNJF-3BG	.4375	.140	.598	.463	.550	.070	.405	.005	12,940	1.00
-7	.4375-20UNJF-3BG	.5625	.180	.697	.580	.659	.080	.468	.005	20,600	2.20
-8	.500-20UNJF-3BG	.6250	.220	.791	.677	.753	.100	.530	.005	27,500	2.80
-9	.5625-18UNJF-3BG	.6875	.250	.882	.748	.847	.120	.595	.005	34,800	4.50
-10	.625-18UNJF-3BG	.7500	.280	.978	.833	.930	.140	.655	.006	43,600	6.70
-12	.750-16UNJF-3BG	.9375	.320	1.257	.948	1.209	.170	.780	.006	63,200	11.00

NOTES: **(A) CANCELLED AFTER 3 SEPT 68 NO SUPERSEDING DOCUMENT**

- Material: Corrosion-resistant steel AMS 5735 or AMS 5737.
- Heat treatment: Finished nuts shall meet the physical properties of AMS 5735 or AMS 5737.
- Hardness: Rockwell C34-42
- Bearing surface to be square with pitch diameter within "X" values when measured in accordance with MIL-N-58086
- Fluorescent penetrant inspection in accordance with MIL-I-6866, before plating.
- All sharp edges shall be broken and all burrs and slivers removed.
- Bearing surface roughness shall not exceed 125 micro-inches, and on thread flanks before plating, 32 micro-inches, when measured in accordance with USAS B46.1-1962.
- Finish: Silverplate in accordance with AMS 2411.
- Nut designed for use with standard pitch diameter bolts only (UNJF-3A).
- Marking: For sizes .190-32 and .250-28, container marking is permissible.
- Unless otherwise specified, dimensions are in inches. Tolerances: Linear, $\pm .010$; angular, ± 5 degrees.
- Example of Part No. MS 87016-4, Nut; .250-28 UNJF-3BG.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Referenced documents shall be of the issue in effect on date of invitations for bids.

Review Activities User Activities
 Army-AV, MI, WC Army-AT, ME
 Navy-AS Navy-MC, SH, CG
 Air Force-82, 11 Air Force-
 DSA-15

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. Army - AV	TITLE	MILITARY STANDARD
Other Cust USAF - 82 Navy - AS	NUT, SELF-LOCKING, DOUBLE HEXAGON, 1200° F., 160 KSI FTU	MS87016
PROCUREMENT SPECIFICATION MIL-N-58086	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 57 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

☆ U. S. GOVERNMENT PRINTING OFFICE: 1968-34 1-511/A-1534

APPROVED 31 JANUARY 1968 REVISED (A) 3 SEPT 68