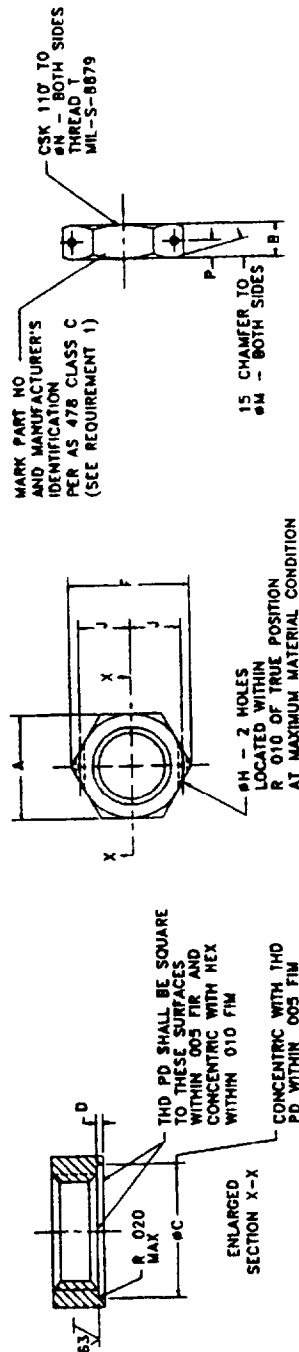


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DOWNS SPECIFIED IN THE SOLICITATION NONE

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE



PART NO	NOM TUBE O.D.	THREAD	A	B	0.005	D	F	0.005	J	0.005	P	APPROX WEIGHT LB/100
MS9099-02	125	3125-24UNJF-38	553-564	250	483	037	831	047	240	562	125	44
MS9099-03	188	375-24UNJF-38	616-627	250	546	037	703	047	270	625	125	51
MS9099-04	250	4375-20UNJF-38	679-690	281	608	042	773	047	305	688	140	68
MS9099-05	312	500-20UNJF-38	741-752	281	679	042	846	055	340	750	140	76
MS9099-06	375	5625-18UNJF-38	803-814	287	733	042	919	055	370	812	148	90
MS9099-07	438	625-18UNJF-38	865-877	297	795	042	987	055	405	875	148	101
MS9099-08	500	750-18UNJF-38	990-1002	344	920	042	130	082	470	1000	172	141
MS9099-09	562	8125-16UNJF-38	1052-1064	344	983	042	1200	082	500	1062	172	151
MS9099-10	625	875-14UNJF-38	1114-1127	391	1045	034	1271	062	540	1125	195	190
MS9099-11	688	1000-12UNJF-38	1301-1314	438	1210	034	1484	070	625	1312	219	305
MS9099-12	750	10825-12UNJF-38	1364-1377	438	1295	034	1556	070	660	1375	219	325
MS9099-13	875	11875-12UNJF-38	1489-1502	438	1417	034	1699	070	725	1500	219	368
MS9099-14	1000	13125-12UNJF-38	1614-1627	438	1541	034	1842	070	780	1625	219	406
MS9099-15	1125	1500-12UNJF-38	1800-1814	438	1729	034	2054	070	890	1812	219	469
MS9099-16	1250	1625-12UNJF-38	1926-1940	438	1854	034	2198	070	960	1938	219	515
MS9099-17	1500	1875-12UNJF-38	2176-2190	438	2104	034	2483	070	1085	2166	219	607
MS9099-18	1750	2250-12UNJF-38	2548-2564	438	2478	034	2908	070	1285	2362	219	752
MS9099-19	2000	2500-12UNJF-38	2798-2814	438	2728	054	3194	070	1425	2612	219	855

(C) DENOTES CHANGE(S)

INCH-POUND

#### REQUIREMENTS

1. MULTIPLE MARKING OF BAR STOCK IS PERMISSIBLE PROVIDED POSITIVE IDENTIFICATION IS SHOWN. PARTS SHALL BE MARKED BEFORE THREADING. DASH NUMBERS MAY APPEAR ON ADJACENT FLATS.
2. MATERIAL ALUMINUM, 6061-T6 (2024) TEMPER T6
3. FINISH ANODIC TREATMENT AMS2470
4. SURFACE TEXTURE AMS/ASME B46.1 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICRONS EXCEPT HEX FACES

#### NOTES

1. BREAK SHARP EDGES 0.03-0.15 UNLESS OTHERWISE SPECIFIED
2. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES LINEAR DIMENSIONS  $\pm 0.10$ , ANGULAR DIMENSIONS  $\pm 5^\circ$
3. DO NOT USE UNASSIGNED PART NUMBERS
4. IN THE EVENT OF A CONFLICT BETWEEN THIS SPECIFICATION SHEET AND THE REFERENCES CITED HEREIN THE TEXT OF THIS SPECIFICATION SHEET SHALL TAKE PRECEDENCE
5. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT INDEX OF SPECIFICATIONS AND STANDARDS (DOWNS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS  
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE  
AEROSPACE PROPULSION DIVISION

Form Approved  
OMB No 0704-0188

PREPARING ACTIVITY DLA-IS  
CUSTODIANS ARMY- AV NAVY- AS  
AIR FORCE- B2 DLA-  
REVIEW 11 ER  
USER AT,  
PROJECT NUMBER 5310-1935  
DISTRIBUTION STATEMENT

MILITARY SPECIFICATION SHEET  
TITLE  
NUT - HEX, BOSS CONNECTION ALUMINUM

SPECIFICATION SHEET NUMBER  
MS9099 20 SEP 93  
REV C  
SUPERSEDING  
MS9099 B (23 OCT 74)  
AMSC- N/A FSC 5310

Page 1 of 1

DD Form 672, MAY 88

PREVIOUS EDITIONS ARE OBSOLETE