FEDERAL SUPPLY CLASS
5310

RATIONALE

AS9201C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9201B, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

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ISSUED 1998-11 REVISED 2007-07 REAFFIRMED 2012-11

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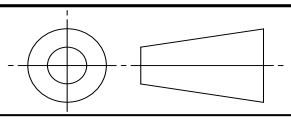
THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

NUT, PLAIN, HEXAGON,
BOSS CONNECTION,
SILVER PLATED, 347 CRES UNS S34700

SAE AS9201

REV. C

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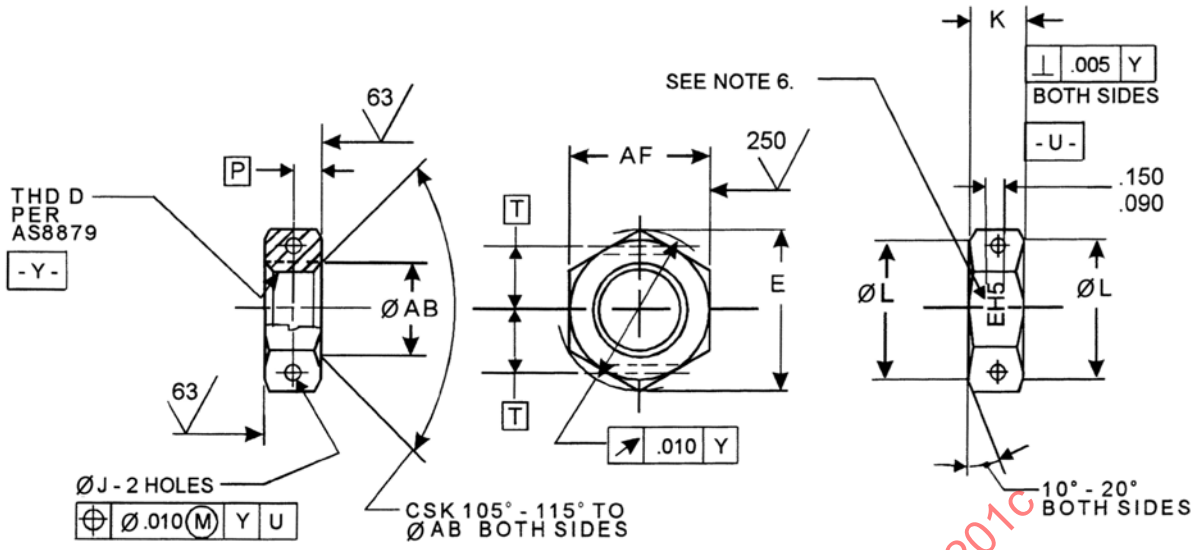

FIGURE 1

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER /11/	NOM TUBE OD	D - NOMINAL THREAD	AF	E MIN	AB
MS9201-02	.125	.3125-24UNJF-3B	.553 - .564	.623	.312 - .332
MS9201-03	.188	.3750-24UNJF-3B	.616 - .627	.694	.375 - .395
MS9201-04	.250	.4375-20UNJF-3B	.679 - .690	.766	.438 - .458
MS9201-05	.312	.5000-20UNJF-3B	.741 - .752	.836	.500 - .520
MS9201-06	.375	.5625-18UNJF-3B	.803 - .814	.907	.562 - .582
MS9201-07	.438	.6250-18UNJF-3B	.865 - .877	.978	.625 - .645
MS9201-08	.500	.7500-16UNJF-3B	.990 - 1.002	1.121	.750 - .770
MS9201-09	.562	.8125-16UNJ-3B	1.052 - 1.064	1.191	.812 - .832
MS9201-10	.625	.8750-14UNJF-3B	1.114 - 1.127	1.262	.875 - .895
MS9201-11	.688	1.0000-12UNJF-3B	1.301 - 1.314	1.475	1.000 - 1.020
MS9201-12	.750	1.0625-12UNJ-3B	1.364 - 1.377	1.547	1.062 - 1.082
MS9201-14	.875	1.1875-12UNJ-3B	1.489 - 1.502	1.690	1.188 - 1.208
MS9201-16	1.000	1.3125-12UNJ-3B	1.614 - 1.627	1.833	1.312 - 1.332
MS9201-18	1.125	1.5000-12UNJ-3B	1.800 - 1.814	2.045	1.500 - 1.520
MS9201-20	1.250	1.6250-12UNJ-3B	1.926 - 1.940	2.189	1.625 - 1.645
MS9201-24	1.500	1.8750-12UNJ-3B	2.176 - 2.190	2.474	1.875 - 1.895
MS9201-28	1.750	2.2500-12UNJ-3B	2.549 - 2.564	2.899	2.250 - 2.270
MS9201-32	2.000	2.5000-12UNJ-3B	2.799 - 2.814	3.185	2.500 - 2.520

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TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

PART NUMBER /11/	NOM TUBE OD	K	L MIN	P	T	J	APPROX. MASS LB/100
MS9201-02	.125	.209 - .229	.552	.110	.240	.042 - .052	1.25
MS9201-03	.188	.209 - .229	.615	.110	.240	.042 - .052	1.44
MS9201-04	.250	.240 - .260	.678	.125	.305	.042 - .052	1.92
MS9201-05	.312	.240 - .260	.740	.125	.340	.050 - .060	2.18
MS9201-06	.375	.256 - .276	.802	.133	.370	.050 - .060	2.56
MS9201-07	.438	.256 - .276	.865	.133	.405	.050 - .060	2.87
MS9201-08	.500	.302 - .322	.990	.157	.470	.057 - .067	4.04
MS9201-09	.562	.302 - .322	1.052	.157	.500	.057 - .067	4.24
MS9201-10	.625	.349 - .369	1.115	.180	.540	.057 - .067	5.45
MS9201-11	.688	.396 - .416	1.302	.204	.625	.065 - .075	8.79
MS9201-12	.750	.396 - .416	1.365	.204	.660	.065 - .075	9.37
MS9201-14	.875	.396 - .416	1.490	.204	.725	.065 - .075	10.45
MS9201-16	1.000	.396 - .416	1.615	.204	.790	.065 - .075	11.68
MS9201-18	1.125	.396 - .416	1.802	.204	.890	.065 - .075	13.47
MS9201-20	1.250	.396 - .416	1.928	.204	.960	.065 - .075	14.76
MS9201-24	1.500	.396 - .416	2.178	.204	1.095	.065 - .075	17.23
MS9201-28	1.750	.396 - .416	2.552	.204	1.295	.065 - .075	21.32
MS9201-32	2.000	.396 - .416	2.802	.204	1.425	.065 - .075	24.19

NOTES:

1. MATERIAL: 347 CORROSION AND HEAT RESISTANT STEEL, AMS 5646 (UNS S34700).
2. SURFACE FINISH: SILVER PLATE PER AMS 2410; .0003 TO .0006 THICK ON THREAD AT PD. DIMENSIONS ARE AFTER PLATING.
3. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
4. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
5. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).
6. MARKING: MARK MATERIAL CODE "EH5" AS SHOWN PER AS269 IN ACCORDANCE WITH AS478, CLASS C. MULTIPLE MARKING OF BAR STOCK PERMISSIBLE, I.E., DUPLICATION OF WHOLE OR PART OF SYMBOL OR OFFSET OF SYMBOL SUCH THAT UPPER PORTION APPEARS BELOW LOWER PORTION ON FINISHED PART IS PERMISSIBLE, PROVIDED POSITIVE IDENTIFICATION IS SHOWN. PARTS MANUFACTURED AFTER SEPTEMBER 1, 2006 SHALL BE MARKED WITH THE MANUFACTURER'S IDENTIFICATION DEPRESSED .010 MAXIMUM PER AS478 CLASS A. PARTS SHALL BE MARKED BEFORE THREADING.
7. DIMENSIONS ARE IN INCHES.
8. DO NOT USE UNASSIGNED PART NUMBERS.
9. THE CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT.

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