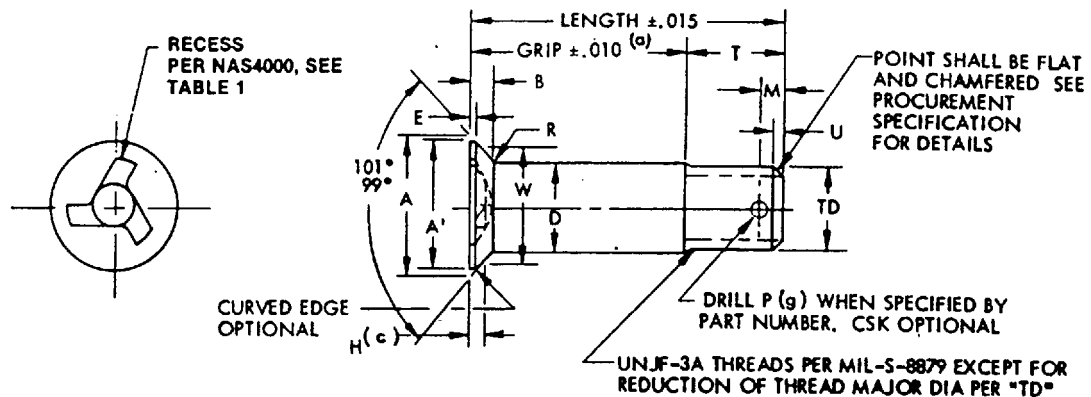


NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N.W., WASHINGTON, D. C. 20036

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⑤

FED. SUP CLASS
5306

Head marking shall be depressed (.010 Max) and arranged as follows:

- First Sector - Mark with basic number ("NAS" optional), except mark .1900-32 size with "10". This size also to be marked "V" for Titanium.
- Second Sector - Mark with manufacturer's symbol (symbol location optional in any sector), grip dash number and "D" when applicable.(h)
"D" identifies bolt with drilled shank.
- Third Sector - Mark with recess dash number, encircled. Recess number should be approximately 25% larger than other numerals in head marking.

TABLE I DIMENSIONS (CONTINUED ON SHEET 2)

BASIC NUMBER ..	NOM THREAD SIZE	A DIA MAX (b)	A' ABSOLU TE MIN DIA (b)	B MAX (b)	D DIA, UNPLATED		D Dia. Plated or Coated				E MAX	TRI-SLOT RECESS NUMBER ⑤	H GAGE	
							BEFORE PLATE		AFTER PLATE				PROTRUSION (c)	
					MAX	MIN	MAX	MIN	MAX	MIN			NOM	±TOL
NAS4903	.1900-32	.303	.266	.049	.1895	.1890	.1887	.1881	.1895	.1885	.012	NAS4000- 4	.0230	.0013
4904	.2500-28	.397	.355	.063	.2495	.2490	.2487	.2481	.2495	.2485	.014	- 5	.0255	.0015
4904J	.2500-28	.397	.355	.063	.2495	.2490	.2487	.2481	.2495	.2485	.014	- 4J	.0255	.0015
4905	.3125-24	.477	.429	.071	.3120	.3115	.3112	.3106	.3120	.3110	.016	- 6	.0280	.0017
4906	.3750-24	.564	.510	.081	.3745	.3740	.3737	.3731	.3745	.3735	.018	- 7	.0305	.0019
4907	.4375-20	.872	.812	.101	.4370	.4365	.4362	.4356	.4370	.4360	.020	- 8	.0400	.0021
4908	.5000-20	.755	.688	.109	.4995	.4990	.4987	.4981	.4995	.4985	.022	- 9	.0408	.0023
4909	.5625-18	.838	.766	.119	.5615	.5610	.5607	.5601	.5615	.5605	.024	-10	.0463	.0025
4910	.6250-18	.925	.848	.129	.6240	.6235	.6232	.6226	.6240	.6230	.026	-11	.0400	.0027
4912	.7500-16	1.099	1.010	.150	.7490	.7485	.7482	.7476	.7490	.7480	.030	-12	.0500	.0031
4914	.8750-14	1.323	1.219	.192	.8740	.8735	.8732	.8726	.8740	.8730	.034	-13	.0632	.0035
4916	1.0000-12	1.522	1.406	.224	.9990	.9985	.9982	.9976	.9990	.9980	.038	-14	.0918	.0039

**The last two digits of the basic number designate the size. See Sheets 4 and 5 for grip dash numbers. See Sheet 3 for "D" and "U" codes.

(a), (b) etc: See Notes on Sheet 3.

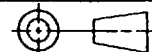
LIST OF CURRENT SHEETS

SHEET NO.	REV. NO.
1	5
2	3
3	5
4	2
5	1
6	4

INACTIVE FOR NEW DESIGN
AFTER JANUARY 1, 1986
NO SUPERSEDING STANDARD

⑤ FOR DESCRIPTION OF
STATUS NOTES SEE
NAS380

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

THIRD
ANGLE
PROJECTIONPROCUREMENT
SPECIFICATION

TITLE

CLASSIFICATION
STANDARD PARTNOTED ON
SHEET 3

⑤ BOLT, 100° REDUCED HEAD, TRI-SLOT RECESS,
CLOSE TOLERANCE, 6AL-4V TITANIUM ALLOY,
SHORT THREAD, NONLOCKING

NAS 4903 THRU 4916

Documents

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29 March 1996

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15 August 1985

④

17 Dec. 1979

③

15 Feb. 1972

②

18 March 1970

①

REVISION

Dec. 1968

APPROVAL DATE

Dec. 1968

APPROVAL DATE

Dec. 1968

APPROVAL DATE

Dec. 1968

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TABLE I DIMENSIONS (CONTINUED)

BASIC NUMBER	M ± .010	p(g) + .005 - .000	R		Y ^(d) REF	TD DIA		U MAX	W GAGE DIA + .0002 - .0000	Y ^(e)	Z ^(f)
			RAD			MAX	MIN				
			MAX	MIN							
NAS4903	.184	.070	.020	.010	.323	.184	.181	.039	.2438	.0045	.0040
4904	.170	.076	.020	.010	.370	.244	.241	.045	.3312	.0045	.0030
4904J	.170	.076	.020	.010	.370	.244	.241	.045	.3312	.0045	.0030
4905	.182	.076	.025	.010	.438	.308	.302	.052	.4045	.0045	.0030
4906	.183	.106	.030	.015	.454	.368	.364	.052	.4852	.0045	.0025
4907	.199	.106	.030	.015	.528	.431	.426	.062	.5686	.006	.0025
4908	.198	.106	.030	.015	.528	.493	.488	.062	.6498	.006	.0020
4909	.207	.141	.030	.015	.594	.555	.550	.068	.7198	.006	.0020
4910	.207	.141	.030	.015	.626	.618	.612	.068	.8212	.006	.0020
4912	.222	.141	.030	.015	.666	.743	.737	.078	.9700	.006	.0020
4914	.241	.141	.030	.015	.759	.868	.861	.089	1.1122	.008	.0020
4916	.264	.141	.030	.015	.895	.993	.986	.104	1.2894	.008	.0020

(c), (d), etc: See Notes on Sheet 3.

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.

③ **INACTIVE FOR NEW DESIGN
AFTER JANUARY 1, 1986
NO SUPERSEDING STANDARD**

NAS 4903 THRU 4916
SH 2