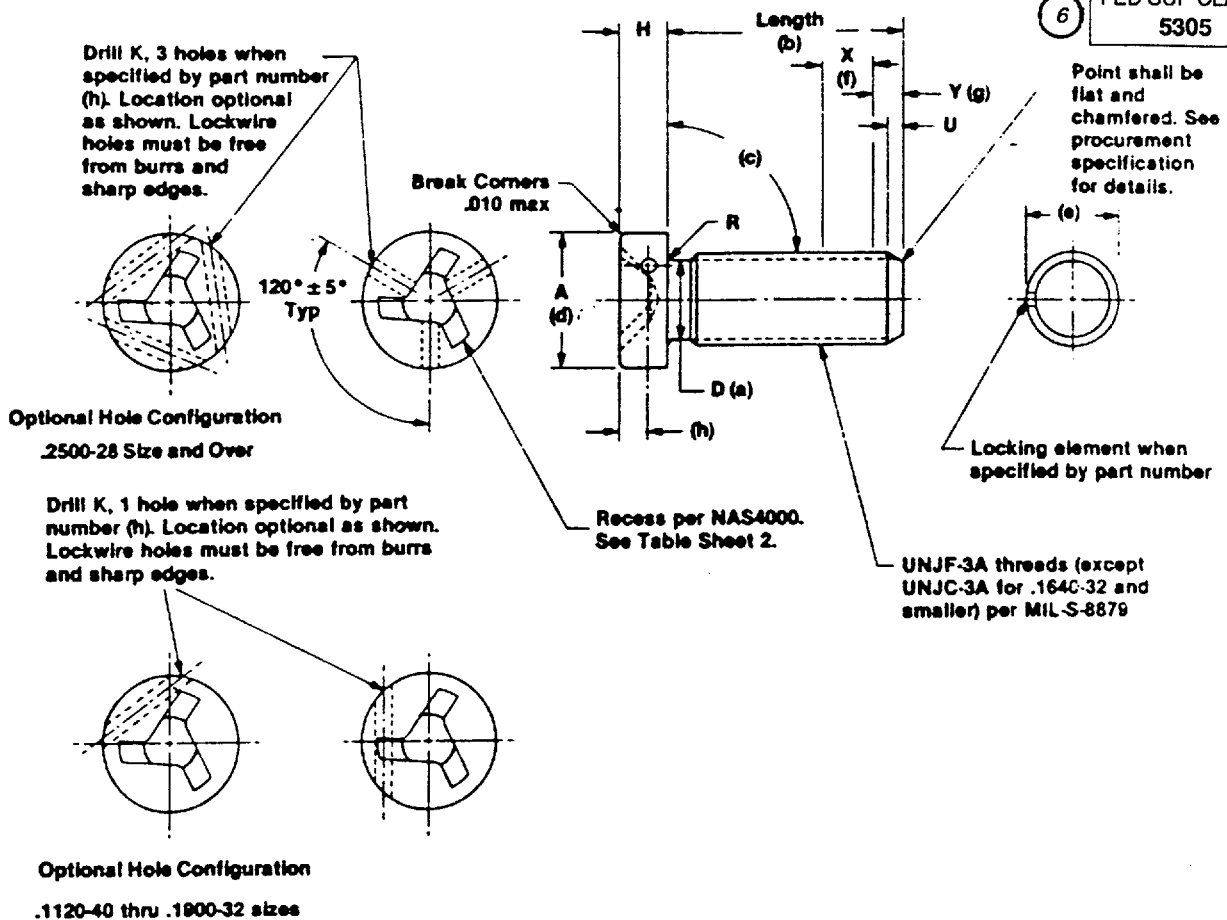




AIA/NAS NAS*5300 THRU*5306 94 0318743 0502117 269

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1250 EYE STREET, N.W.
WASHINGTON, D.C. 20005

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.



Head marking shall be raised or depressed (.010 max) and arranged as follows:

- First Sector - Mark with basic part number ("NAS" optional) except mark .1120-40 size with "4", .1380-32 size with "6", .1640-32 size with "8" and (optional) .1900-32 size with "10". These sizes also to be marked "V" for Titanium.
- Second Sector - Mark with manufacturer's symbol or trademark (symbol location optional in any sector), length dash number and "L" or "P" when applicable.
"L" identifies screws with optional locking element.
"P" identifies screws with patch type locking element only.
- Third Sector - Mark with recess dash number, encircled. Recess number should be approximately 25% larger than other numerals in head marking.

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

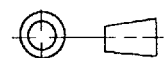
(a), (b), etc: See Sheet 3

LIST OF CURRENT SHEETS

6	SHT.	REV.
	1	6
	2	6
	3	3

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

THIRD
ANGLE
PROJECTION



PROCUREMENT
SPECIFICATION

NOTED ON
SHEET 3

6
TITLE
SCREW, MACHINE-FLAT FILLISTER HEAD, FULL THREAD,
TRI-SLOT RECESS, ALLOY STEEL, SELF-LOCKING AND
NONLOCKING

CLASSIFICATION
STANDARD PART
NAS5300 THRU 5306

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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.

Basic Number	Nom Thread Size	(d) A Dia	(e) D Dia	H	K Dia	R Rad	U Max	X (f)	Y (g)	Recess Number
NAS5300	.1120-40	.183 .178	.1120 .0839	.069 .059			.031	.125	.075	NAS4000-2
NAS5301	.1380-32	.228 .221	.1380 .1156	.086 .074	.034	.020 .010				NAS4000-3
NAS5302	.1840-32	.270 .265	.1840 .1415	.102 .088	.042		.038	.156	.084	NAS4000-4
NAS5303	.1900-32	.313 .306	.1900 .1674	.118 .103		.040 .030				NAS4000-5
NAS5303J	.1900-32	.313 .306	.1900 .1674	.118 .103						NAS4000-4J
NAS5304	.2500-28	.375 .367	.2500 .2243	.150 .133			.045	.179	.107	NAS4000-6
NAS5305	.3125-24	.438 .429	.3125 .2827	.183 .182	.060 .068					NAS4000-7
NAS5306	.3750-24	.563 .552	.3750 .3450	.215 .191		.050 .040	.052	.208	.125	NAS4000-8

DASH NUMBER FOR PREFERRED LENGTHS

Dash Numbers	3	4	5	6	7	8	9	10	11	12	13	14	
Length	.19	.25	.31	.38	.44	.50	.56	.62	.68	.75	.81	.88	
Length Tol	+ .00, - .03												
Dash Numbers	15	16	18	20	22	24	26	28	30	32	34 to 96		
Length	.94	1.00	1.12	1.25	1.38	1.50	1.62	1.75	1.88	2.00	2.12 to 6.00		
Length Tol	+ .00, - .03		+ .00, - .06									+ .00, - .08	

MATERIAL: Alloy Steel - per procurement specification. Locking Element - Plastic per MIL-F-18240 and QPL-18240.

HEAT TREAT: 160 to 180 KSI ultimate tensile

FINISH: Cadmium plate per QQ-P-416, Type II, Class 2. Parts plated to Class 3 may be used until stock depleted. Embrittleness requirement per NAS4002. Black screws, Code "B" - cadmium plate, as described above, with dull black chromate treatment.

6

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

(a), (b), etc: See Sheet 3

NAS5300 THRU 5306
SHEET 2

Documents

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