



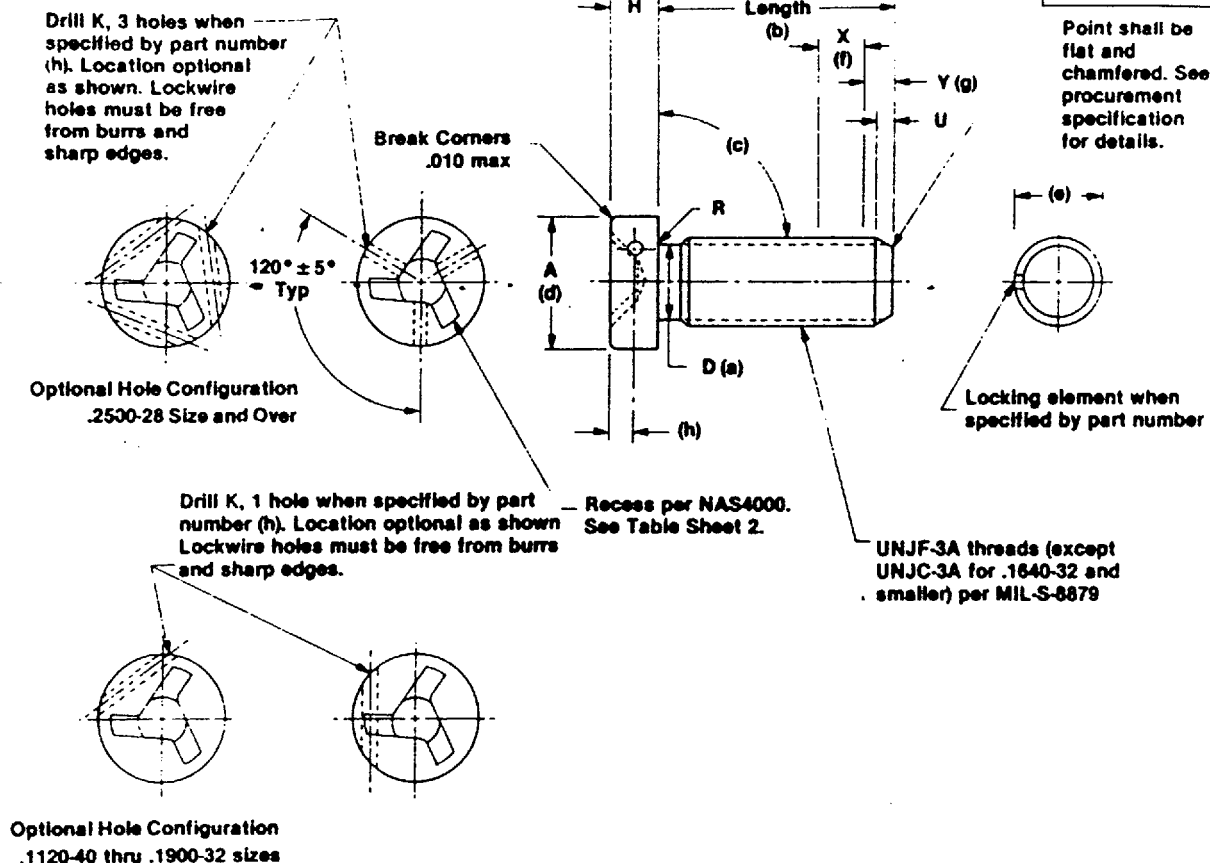
**Aerospace
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NATIONAL AEROSPACE STANDARD

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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 "C" for A286.
- Second Sector** - Mark with manufacturer's symbol or trademark (symbol location optional in any sector), length dash number and "L" or "P" when applicable.(j)
"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

SHT.	REV.
1	6
2	5
3	3

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE		THIRD ANGLE PROJECTION
PROCUREMENT SPECIFICATION NOTED ON SHEET 3	TITLE SCREW, MACHINE-FLAT FILLISTER HEAD, FULL THREAD, (6) TRI-SLOT RECESS, A286 CRES, SELF-LOCKING AND NONLOCKING	CLASSIFICATION STANDARD PART NAS5400 THRU 5406 SHEET 1 OF 3

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Full document details: AIA NAS5400-5406 1994

APPROVAL DATE DECEMBER 1988 REVISION (6) 15 JULY 1994



AIA/NAS NAS*5400 THRU*5406 94 0318743 0502121 797

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Basic Number	Nom Thread Size	(d) A Dia	(a) D Dia	H	K Dia	R Rad	U Max	X (f)	Y (g)	Recess Number
NAS5400	.1120-40	.183 .178	.1120 .0939	.088 .059		.020 .010	.031	.125	.075	NAS4000-2
NAS5401	.1380-32	.228 .221	.1380 .1158	.088 .074	.034					NAS4000-3
NAS5402	.1640-32	.270 .265	.1640 .1415	.102 .088	.042		.039	.156	.084	NAS4000-4
NAS5403	.1900-32	.313 .308	.1900 .1674	.118 .103		.040 .030				NAS4000-5
NAS5403J	.1900-32	.313 .308	.1900 .1674	.118 .103						NAS4000-4J
NAS5404	.2500-28	.375 .367	.2500 .2243	.150 .133			.045	.179	.107	NAS4000-6
NAS5405	.3125-24	.438 .429	.3125 .2827	.183 .162	.080 .068					NAS4000-7
NAS5406	.3750-24	.583 .552	.3750 .3450	.215 .191		.056 .040	.052	.208	.125	NAS4000-8

DASH NUMBERS 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, -.09	

MATERIAL: A286 CRES per AMS5731 or AMS5737. Locking Element - Plastic per MIL-F-18240 and QPL-18240.

HEAT TREAT: 160 KSI ultimate tensile

FINISH: Unplated Screws - Passivate to meet requirements of NAS4003.

Plated Screws - Cadmium plate per QQ-P-416, Type II, Class 2. Parts plated to Class 3 may be used until stock depleted. Embrittlement test per QQ-P-416 does not apply. Cadmium plated A-286 CRES screws shall be identified with green dye or paint on the thread end. Maximum coverage may include the chamfer plus one incomplete thread.

Coated Screws - Aluminum coating per NAS4006.

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

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NAS5400 THRU 5406
SHEET 2

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