9

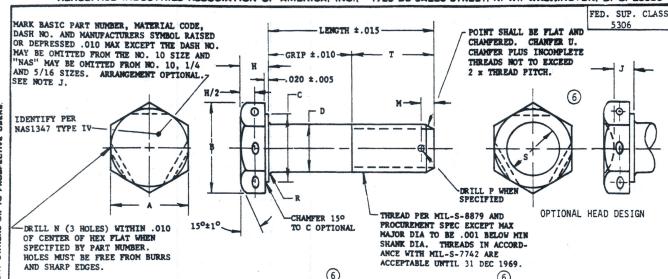
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REVISION

NATIONAL AEROSPACE STANDARD

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



							•				<u> </u>				4				
Z 10 PA	BASIC PART NUMBER	THREAD UNJF-3A	A	B REF	C MIN (d)	DIA	H 015 000	J	M +.010		P DIA +.010 000	R RAD	S	T REF	U MAX	INSPEC X (a)	TION DA	Z (b)	The same
	NAS673	.1900-32	. 376 . 367 . 439	.43	. 335	.1895 .1890 .2495	.110	.088 .073 .098	.163	.046	.070	.020 .010 .025	.18	. 338	.016	.005	.0045	.0040	6
2	NAS674	.2500-28	. 430	.51	. 398	.2490	.125	.083	. 181	.046	.076	.015	.26	. 425	.018	.006	.0045	.0030	
	NAS675	.3125-24	.492	.58	. 460	.3115	.156	.104	.181	.070	.076	.020	. 32	. 469	.021	.008	.0045	.0030	
5	NAS676	. 3750-24	.553	.65	.523	. 3740	.188	.125	.201	.070	.106	.020	.39	.578	.021	.009	.006	.0025	
2	NAS677	.4375-20	.752	.79	.648	. 4365 . 4995	.219	.146	.201	.070	.106	.020	.45	. 594	.025	.010	.006	.0025	:
	NAS678	.5000-20	.741	.87	.710	. 4990	. 250	.167	.216	.070	.106	.020	.51	. 735	.025	.011	.006	.0020	6

MATERIAL:

SEE PROCUREMENT SPECIFICATION

FINISH: CODE:

With The Permission Of AIA

Reproduced By IHS

Under Royalty Agreement

NO PROTECTIVE FINISH REQUIRED

DASH NUMBER DESIGNATES GRIP AND LENGTH (SEE SHEET 2)

HO LETTER DEFORE DASH NUMBER INDICATES AL (SEE NOTE H)

"V" BEFORE DASH NUMBER TO INDICATE 6AL-4V MATERIAL ADD "D" AFTER DASH NUMBER TO INDICATE DRILLED SHANK ADD "H" AFTER DASH NUMBER TO INDICATE DRILLED HEAD

EXAMPLE:

DRAWINGS NO LATER

SUPERSEDES ALL ANTECEDENT STANDARD PRODUCT AND SHALL BECOME EFFECTIVE IS FROM THE LAST DATE OF APPROVAL SHOW

HAN

NAS674V10 = .2500 DIA BOLT, .625 GRIP, 6AL-4V MATERIAL NAS674V10D = .2500 DIA BOLT, .625 GRIP, DRILLED SHANK, 6AL-4V MATERIAL

NOTES:

(a) CONCENTRICITY: "C" AND "D" DIAMETERS WITHIN "X" VALUES TIR

"D" AND THREAD PITCH DIAMETERS WITHIN "X" VALUES TIR
SHANK STRAIGHTNESS: WITHIN "Z" VALUES INCH/INCH TIR

(b)

BOLTS SHALL BE FREE FROM BURRS AND SHARP EDGES (c)

WASHER FACE DIAMETER: NOT TO EXCEED ACTUAL WIDTH ACROSS FLATS

ANGLE: UNDER SIDE OF HEAD TO SHANK: 90° + 30'/-00'
MAXIMUM ROUGHNESS HEIGHT RATING ANSI B46.1; HEAD TO SHANK FILLET, THREAD ROOT, THREAD SIDES, (e) (f) (6) THREAD RUN-OUT 16 MICROINCHES, SHANK AND BEARING SURFACE OF HEAD 63 MICROINCHES, ALL OTHER SURFACES 125 MICROINCHES.

GRIP LENGTH: FROM UNDER SIDE OF HEAD TO END OF FULL CYLINDRICAL PORTION OF SHANK.

4AL-4MN MATERIAL INACTIVE FOR DESIGN AFTER SEPT 1968. USE 6AL-4V MATERIAL

PARTS IDENTIFIED PER THE ABOVE MARKING REQUIREMENTS ARE ACCEPTABLE UNTIL 31 DECEMBER 1979

	LIST OF	CURRENT	SHEETS
9	NO		REV
	1		6
,	2		5

DIMENSIONS IN INCHES

(6) EDITORALLY UPDATED

	CUSTODIAN:	NATIONAL	AEROSPACE	STANDARDS	COMMITTEE
-					

PROCUREMENT SPECIFICATION NAS 621

TITLE BOLT, CLOSE TOLERANCE-HEXAGON HEAD, TITANIUM, .190 TO .500

NAS 673 thru 678 SHRET 1 OF 2

CLASSIFICATION

STANDARD PART