

FED. SUPPLY CLASS

5310

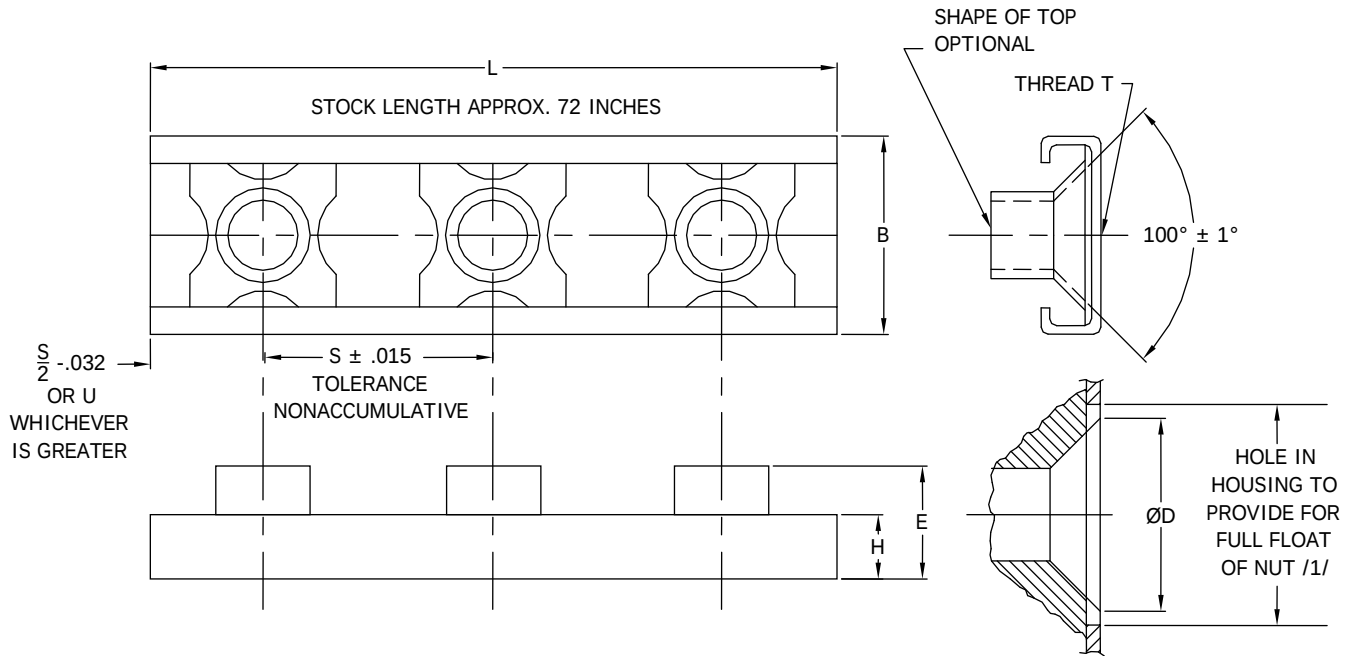


TABLE I – DIMENSIONS

THREAD T	BASIC PART NUMBER	NUT TYPE CODE				
		NYLON INSERT		ALL METAL		
		ALUM ALLOY ASSY 250° F	STEEL NUT ALUM CHANNEL 250° F	STEEL NUT-ALUM CHANNEL 250° F	STEEL NUT CORR-RESIS STEEL CHANNEL 450° F	CORR-RESIS STEEL ASSY 800° F
.1640-32 UNJC-3B	NAS1039	D	N	P	A	€
.1900-32 UNJF-3B	NAS1040	D	N	P	A	€
.2500-28 UNJF-3B	NAS1041	D	N	P	A	€

THREAD T	B MAX	E MAX	ØD ±.005	H MAX	U MIN	S MIN /4/
.1640-32 UNJC-3B	.593	.391	.365	.260	.406	.625
.1900-32 UNJF-3B	.593	.391	.411	.260	.406	.625
.2500-28 UNJF-3B	.874	.493	.540	.270	.562	1.000

⑥ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 6
PROCUREMENT SPECIFICATION NASM25027 EXCEPTAS NOTED	TITLE NUT ASSEMBLY, SELF-LOCKING, GANG CHANNEL, REGULAR HEIGHT, CSK	CLASSIFICATION PART STANDARD
		NAS1039-1041 SHEET 1 OF 3

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST REVISION DATE.

REVISION DATE: MAY 27, 2011

ISSUE DATE: JULY 1956

TABLE II – NUT SPACING AND QUANTITY PER STRIP

S SPACING /4/	MAX NO OF NUTS PER STOCK LENGTH	NUT SPACING CODE /4/
.625	115	5
.750	96	6
.875	82	7
1.000	72	8
1.125	64	9
1.250	57	10
1.375	52	11
1.500	48	12
1.625	44	13
1.750	41	14
1.875	38	15
2.000	36	16
2.250	32	18
2.500	28	20
3.000	24	24

MATERIAL: SEE SPECIFICATION NASM25027.

EXAMPLE OF PART NUMBER:

~~NAS1040A12-8 = NUT – STEEL WITH .1900-32 THREAD FOR USE UP TO 450 °F – ALL METAL NUT – CORROSION RESISTANT STEEL CHANNEL – 1.500 INCH SPACING, 8 NUTS LONG.~~
~~NAS1040N5-16 = NUT – STEEL WITH .1900-32 THREAD FOR USE UP TO 250 °F – NYLON INSERT NUT – ALUMINUM CHANNEL - .625 INCH SPACING – 16 NUTS LONG.~~
~~NAS1040P10 = NUT – STEEL WITH .1900-32 THREAD FOR USE UP TO 250 °F – ALL METAL NUT – ALUMINUM CHANNEL – 1.250 INCH SPACING – STOCK LENGTH WITH 57 NUTS.~~
~~NAS1040AX12-8 = NUT – STEEL WITH .1900-32 THREAD FOR USE UP TO 450 °F – ALL METAL NUT WITHOUT LUBRICANT CORROSION RESISTANT STEEL CHANNEL 1.500 INCH SPACING – 8 NUTS LONG.~~
~~NAS1040NX5-16 = NUT – STEEL WITH .1900-32 THREAD FOR USE UP TO 250 °F NYLON INSERT NUT WITHOUT LUBRICANT – ALUMINUM CHANNEL – .625 INCH SPACING 16 NUTS LONG.~~
~~NAS1040PX10 = NUT – STEEL WITH .1900-32 THREAD FOR USE UP TO 250 °F ALL METAL NUT WITHOUT LUBRICANT – ALUMINUM CHANNEL – 1.250 INCH SPACING STOCK LENGTH WITH 57 NUTS.~~

FINISH:

~~STEEL: CODES CONTAINING "X" OR "N" CADMIUM PLATE. "A" CODE: CADMIUM PLATE PLUS AN APPROVED DRY FILM LUBRICANT. PLATING SHALL BE AMS-QQ-P-416, TYPE II, CLASS 2.~~
~~EXISTING NUTS WITH AN OPTIONAL TYPE AND CLASS OF CADMIUM PLATE PER QQ-P-416, AS PREVIOUSLY PERMITTED, MAY BE FURNISHED UNTIL 16 DEC. 1976.~~

~~CRES: SILVER PLATE FOR 800 °F USE PER NASM25027 TO A .0002 MINIMUM THICKNESS ON SURFACES WHICH CAN BE TOUCHED BY A .7500 (3/4 INCH) BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED.~~

~~ALUMINUM ALLOY: ANODIZE OR CHEMICAL SURFACE TREAT PER NASM25027, EXCEPT ANODIZE SHALL BE LIMITED TO TYPE I OR TYPE II.~~

⑥ COMPLETELY REVISED

REVISION

6

NAS 1041-141
SHEET 2



Document Sharing Hub