

FED. SUPPLY CLASS

5310

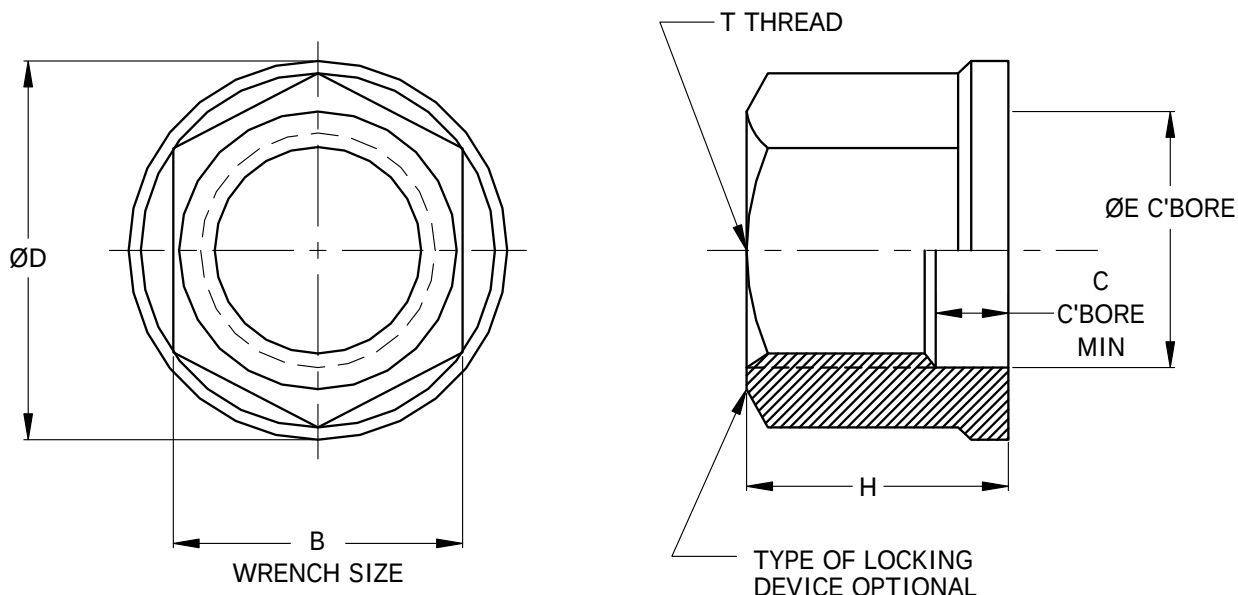


TABLE I – DIMENSIONS

T THREAD	DASH NO.		H MAX /9/	B HEX FLAT	C MIN	ØD MAX	ØE C'BORE MIN	WEIGHT LBS/100	
	1,400 °F	800 °F						AVG	MAX
.1640-32 UNJC-3B	C08	08	.220	.190 – .182	.090	.284	.168		
.1900-32 UNJF-3B	C3	3	.240	.252 – .243	.090	.322	.194		
.2500-28 UNJF-3B	C4	4	.280	.316 – .304	.090	.416	.254		
.3125-24 UNJF-3B	C5	5	.320	.378 – .367	.090	.512	.317		
.3750-24 UNJF-3B	C6	6	.360	.440 – .430	.090	.605	.379		

MATERIAL:

- ⑦ ALLOY STEEL PER AMS6304, 800 °F
M252 (UNS N07252) HEAT RESISTANT NICKEL BASE ALLOY PER AMS5756, 1,400 °F

HEAT TREATMENT:

ALLOY STEEL – 41-48 HRC
NICKEL BASE ALLOY – 36-42 HRC

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: DECEMBER 19, 2014

ISSUE DATE: OCTOBER 1959

FORM 12-01	THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 7
	PROCUREMENT SPECIFICATION		CLASSIFICATION PART STANDARD
	NOTED	TITLE NUT, EXTENDED WASHER, HEXAGON, SELF-LOCKING, LOW HEIGHT, C'BORE	NAS1287 SHEET 1 OF 2

FINISH: ALLOY STEEL – NICKEL-ZINC ALLOY PLATE AND HYDROGEN EMBRITTLEMENT RELIEF PER AMS2417.

NICKEL BASE ALLOY – SILVER PLATE FOR 800 °F USE PER AMS2410 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.

EXAMPLES OF PART NUMBER:

- ⑦ NAS1287-3 = NUT, ALLOY STEEL, .1900-32 THREAD SIZE, NICKEL-ZINC ALLOY PLATE, 800 °F.
- NAS1287C3 = NUT, M252, .1900-32 THREAD SIZE, SILVER PLATE, 1,400 °F.

NOTES:

- (1) PERFORMANCE: 800 °F PER NASM25027.
1,400 °F PER NASM7873 TO 1,200 °F.
- (2) THREADS: THREADS IN ACCORDANCE WITH AS8879 BEFORE LUBRICATION. THREADS IN ACCORDANCE WITH MIL-S-7742 ARE ACCEPTABLE UNTIL 31 DECEMBER 1969.
- (3) MAXIMUM TEMPERATURE LIMITATIONS:
NAS1287-3: 800 °F; USE WITH NAS1292J THRU NAS1296J OR NAS1322J THRU NAS1326J PINS ONLY.
NAS1287C3: 1,400 °F; USE WITH NAS1292R THRU NAS1296R OR NAS1322R THRU NAS1326R PINS ONLY. ON OVERSIZE PINS USE WASHERS TO PREVENT SHANK NUT INTERFERENCE.
- (4) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (5) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (6) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- ⑦ (7) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (8) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /9/ MINIMUM "H" LIMITED ONLY BY STRENGTH REQUIREMENTS OF SPECIFICATIONS NASM25027 AND NASM7873.
- (10) WRENCHING HEIGHT MUST BE ADEQUATE TO MEET NASM25027 WRENCHING TORQUE REQUIREMENTS.

PROCUREMENT SPECIFICATION:

NASM25027 EXCEPT AS NOTED. ALL NUTS SHALL MEET QUALIFICATION AND INSPECTION REQUIREMENTS. MANUFACTURERS SHALL PROVIDE EVIDENCE OF QUALIFICATION WHEN REQUIRED. TESTING SHALL BE PERFORMED BY MANUFACTURER OR INDEPENDENT LABORATORY. PROCURING AGENCY MAY CONDUCT CONFIRMING QUALIFICATION TESTS. NO QPL SHALL BE ESTABLISHED.

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FORM 12-01

REVISION

7

NAS1287

SHEET 2



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Full document details: AIA NAS1287 2014