

186500()3-()()

TABLE I

DASH NO	T THREAD SIZE	A MAX	B MAX	C ±.005	D DIA REF	E MAX	F MIN	H MAX	J ±.002	K DIA + -.005 -.000	L C'BORE MIN REF	V ±.005	MAX. WEIGHT LBS/100
()3-1()						.250					.070		.57
()3-2()						.312					.125		.64
()3-3()	.1900-32UNJF-3B	.948	.445	.344	.194	.375	.100	.484	.688	.098	.188	.032	.69
()3-4()						.438					.250		.74
()3-5()						.500					.313		.79
()3-6()						.562					.375		.84

NOTES (UNLESS OTHERWISE SPECIFIED) :

1. MATERIAL:

1.1 NUT AND CAGE:

1.1.1 CODE 'A': C1050 CARBON STEEL PER AMS5085 OR ASTM A684/A684M AND HEAT TREATED PER MPS0009, 180 KSI MIN.

1.1.2 CODE 'C': A286 PER AMS5525, AND HEAT TREATED PER AMS2759/3; NUT-160 KSI MIN., CAGE-146 KSI MIN.

(B) 1.2 RETAINING CLIP: XM-28 STAINLESS STEEL SPRING WIRE (UNS S24100) PER ASTM A313/A313M.

2. FINISH :

2.1 CODE 'A': CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.

2.2 CODE 'C': PASSIVATE PER AMS2700, TYPE 2 OR 8.

(B) 2.3 CODE 'P': NUT-SILVER PLATE PER AMS2410; CAGE-PASSIVATE PER AMS2700, TYPE 2 OR 8.

2.3 RETAINING CLIP: PASSIVATED PER AMS2700.

3. LUBRICATION (NUT ONLY IF RE'QD): MOLYBDENUM DISULFIDE DRY FILM COATED PER MIL-PRF-48010.

3.1 CODE 'N' SIGNIFIES NO DRY FILM LUBRICANT REQUIRED.

4. FLOAT .030 MINIMUM RADIALLY FROM CENTERED POSITION. NUT ELEMENT SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT IN THE MAXIMUM MISALIGNED POSITION.

5. SPECIFICATION:

5.1 AXIAL TENSILE, PUSH-OUT AND TORQUE-OUT AS TABULATED.

5.2 TABULATED PUSH-OUT AND TORQUE-OUT VALUES SHOWN IN TABLE, APPLY BOTH SEPARATELY AND COMBINED.

5.3 CODE 'A' NUTS: NAS3350, CLASS 1.

5.4 CODE 'C' NUTS: NASM25027.

6. PART NUMBER CALL OUT:

1 8 6 5 0 0 () 3 - () ()

NO CODE: STEEL = CAD. PLATE AND DFL; CRES = PASSIVATE AND DFL
CODE 'N' = NO DFL
CODE 'NP' = SILVER PLATE AND NO DFL
CODE 'P' = SILVER PLATE

DASH NUMBER DEFINED IN TABLE 1.

'A' = STEEL, 'C' = CRES

BASIC PART NO.

7. NUT ELEMENT IS REMOVABLE AND REPLACEABLE, SEE TABLE III FOR PART NUMBERS. NUT PLATE CAGE SHALL PROVIDE FOR INTERCHANGEABLE AND REPLACEABLE NAS1794 NUT ELEMENTS AND NAS1795 RETAINING CLIPS.

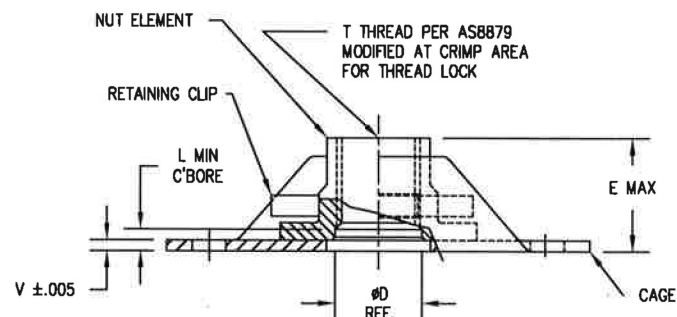
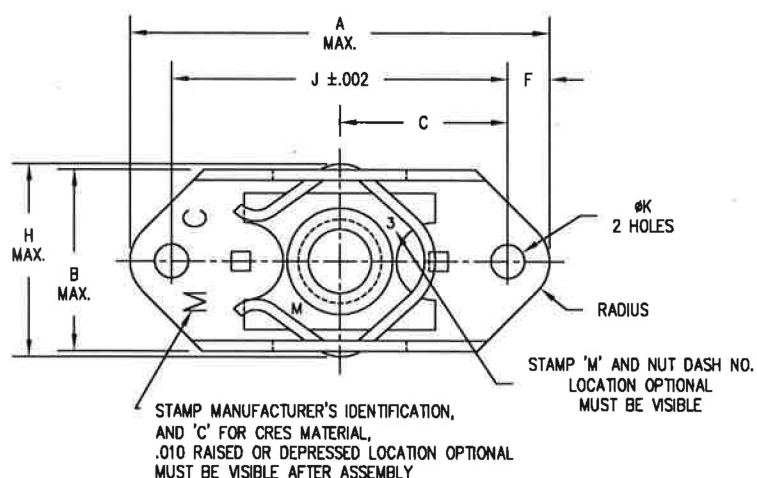


TABLE II

MAXIMUM SEATING TORQUE	MIN AXIAL TENSILE STRENGTH	MINIMUM PUSHOUT STRENGTH	MINIMUM TORQUE-OUT STRENGTH
25 IN/LBS	2,825 LBS	200 LBS	90 IN/LBS

TABLE III

ASSEMBLY P/N	NUT ELEMENT P/N	RETAINING CLIP
186500()3-()()	186500N3()-()()	186005R3

FAA-TSO AUTHORIZED PART

NEXT ASSEMBLY		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE AS FOLLOWS: DECIMALS FRACTION ANGLES		IBM NUMBER: —		lisi AEROSPACE THE MONADNOCK COMPANY 18728 E. GALE AVE. CITY OF INDUSTRY, CALIFORNIA	
END ITEM		MATERIAL: NOTED		PROJECT NUMBER: 0618-012		TITLE: NUT PLATE, 2 LUG, CLIP-IN, 10-32 THD, SELF-LOCKING, (NAS1791-3 EQUIV.)	
THIRD ANGLE PROJECTION		HEAT TREAT: NOTED		DRAWN BY: DATE TSC 11/28/06		CAGE CODE SIZE DRAWING NUMBER: 60119 A 186500()3-()()	
		FINAL PROTECTIVE FINISH: NOTED		APPROVED BY: DATE TSC 12/15/06		SCALE: NONE SALES SHEET 1 OF 1	

B	11482	JC	6/20/17	REPRODUCTION OF THIS DRAWING OR MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN PERMISSION OF LISI AEROSPACE THE MONADNOCK COMPANY IS PROHIBITED
A	10047	TD	1/4/13	
REV.	ECN NO.	INIT.	DATE	