

186501()4-()()

TABLE I (A)

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
(4-1)	.2500-28UNJF-3B	1.306	.547	.500	.254	.295	.100	.584	.312	.098	.070	.032	1.23
(4-2)						.357					.125		1.33
(4-3)						.419					.188		1.42
(4-4)						.481					.250		1.50
(4-5)						.543					.313		1.60
(4-6)						.605					.375		1.68

NOTES (UNLESS OTHERWISE SPECIFIED) :

- MATERIAL:
 - NUT AND CAGE:
 - CODE 'A': C1050 CARBON STEEL PER AMS5085 OR ASTM-A-684/-A-684 AND HEAT TREATED PER MPS0009, 180 KSI MIN.
 - CODE 'C': A286 PER AMS5525, AND HEAT TREATED PER AMS2759/3; NUT-160 KSI MIN., CAGE-146 KSI MIN.
 - RETAINING CLIP: 302 CRES PER AMS5688 OR 18-2MN CRES.
- FINISH :
 - CODE 'A': CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
 - CODE 'C': PASSIVATE PER AMS2700, TYPE 2 OR 8.
 - CODE 'P': NUT-SILVER PLATE PER AMS2411; CAGE-PASSIVATE PER AMS2700, TYPE 2 OR 8.
- RETAINING CLIP: PASSIVATED PER AMS2700.
- LUBRICATION (NUT ONLY IF RE'QD): MOLYBDENUM DISULFIDE DRY FILM COATED PER MIL-PRF-46010.
 - CODE 'N' SIGNIFIES NO DRY FILM LUBRICANT REQUIRED.
- FLOAT .030 MINIMUM RADIALLY FROM CENTERED POSITION. NUT ELEMENT SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT IN THE MAXIMUM MISALIGNED POSITION.
- SPECIFICATION:
 - AXIAL TENSILE, PUSH-OUT AND TORQUE-OUT AS TABULATED.
 - TABULATED PUSH-OUT AND TORQUE-OUT VALUES SHOWN IN TABLE, APPLY BOTH SEPARATELY AND COMBINED.
 - CODE 'A' NUTS: NAS3350, CLASS 1.
 - CODE 'C' NUTS: NASM25027.
- PART NUMBER CALL OUT:

1 8 6 5 0 1 () 4 - () ()

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.
- 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

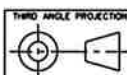
MAXIMUM SEATING TORQUE	MIN AXIAL TENSILE STRENGTH	MINIMUM PUSHOUT STRENGTH	MINIMUM TORQUE-OUT STRENGTH
60 IN/LBS	5,060 LBS	150 LBS	160 IN/LBS

TABLE III

ASSEMBLY P/N	NUT ELEMENT P/N	RETAINING CLIP
186501()4-()()	186500N4()-()()	186005R4

A	10047	1/4/13
ISSUE	ECN NUMBER	DATE
PROJECT No.	0618-012	

REPRODUCTION OF THIS DRAWING OR MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN PERMISSION OF LI SI AEROSPACE MONADNOCK IS PROHIBITED



ITEM NO.	QTY. REQ'D	PART NO.	DESCRIPTION	MATERIAL OR NOTES
NEXT ASSEMBLY			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES DECIMALS FRACTION ANGLES	IBM #
END ITEM			MATERIAL: NOTED	DRAWN BY: DATE TSC 11/28/06
			HEAT TREAT: NOTED	ENG. APPROVAL: DATE TSC 12/15/06
PREVIOUS ASSEMBLY			FINAL PROTECTIVE FINISH: NOTED	QUAL. ACCEPT.: DATE FD 01/11/07
				MFG. ACCEPT.: DATE JA 01/11/07
				CODE IDENT. NO. SIZE DRAWING NUMBER: 60119 B 186501()4-()()
				SCALE: SALES SHEET 1 OF 1

lisi AEROSPACE THE MONADNOCK COMPANY
18301 E. ARENTH AVE.
CITY OF INDUSTRY, CALIFORNIA

TITLE:
NUT PLATE, 1 LUG, CLIP-IN,
1/4-28 THD., SELF-LOCKING
(NAS1792-4 EQUIV.)