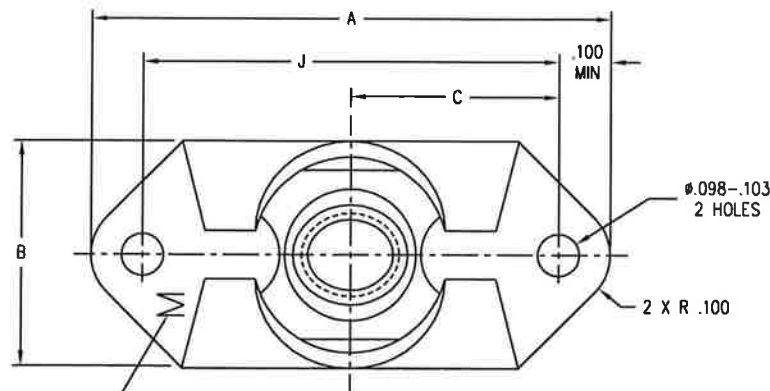
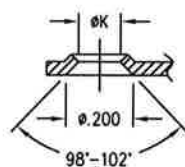
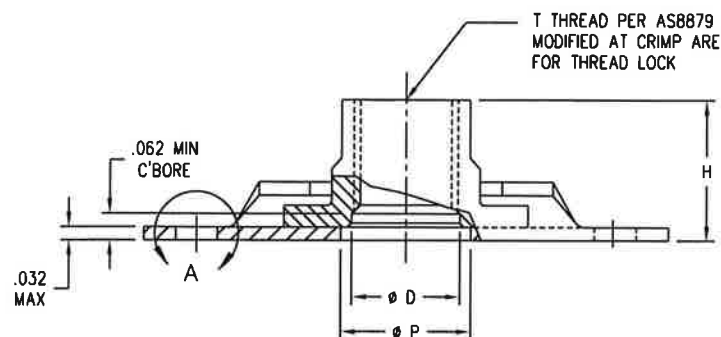


186504(())(())



STAMP MANUFACTURER'S IDENTIFICATION,
.010 RAISED OR DEPRESSED LOCATION OPTIONAL
MUST BE VISIBLE AFTER ASSEMBLY



VIEW A

(SUFFIX 'K' ONLY)
HOLES MAY BE DIMPLED OR COUNTERSUNK
AT MANUFACTURER'S OPTION

THREAD SIZE	T THREAD	A MAX	B MAX	C ±.005	Ø D MIN	H MAX	J ±.002	Ø P ±.010	AXIAL STRENGTH LBS/MIN	WEIGHT LBS/1000
3	.1900-32UNJF-3B	.948	.416	.344	.194	.250	.688	.260	2,460	4.1
4	.2500-28UNJF-3B	1.292	.516	.500	.254	.281	1.000	.320	4,580	9.0

TABLE I

NOTES (UNLESS OTHERWISE SPECIFIED) :

- MATERIAL: CARBON STEEL 1035 (UNS G10350), 1040 (UNS G10400), AND 1050 (UNS G10500) PER ASTM-A-827 OR AMS-QQ-S-700; 1042 (UNS G10420) PER ASTM-A-29. ALLOY STEEL 4130 (UNS GG41300), 4340 (UNS G43400) AND 8740 (UNS G87400) PER ASTM-A-29, FE=PL43S PER CHEMISTRY OF EN2543.
- DASH NUMBER DESIGNATES NOMINAL THREAD SIZE. THREADS PER AS8879 BEFORE DRY FILM LUBRICATION AND CRIMP.
- HARDNESS: 49HRC MAXIMUM.
- CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2. FOR DRY FILM LUBRICATED NUTS THE TYPE AND CLASS ARE OPTIONAL IF THE NUTS MEET THE SALT SPRAY REQUIREMENTS OF AMS-QQ-P-416, TYPE II.
- LUBRICATION (SUFFIX 'L' ONLY): DRY FILM LUBRICANT APPROVED IN ACCORDANCE WITH NASM25027. NON-DRY FILM LUBRICANTS SHALL BE SOLUBLE IN THE CLEANER SPECIFIED IN MIL-S-8802.
- Float: NUT ELEMENT TO FLOAT .030 MIN. RADIALLY FROM CENTERED POSITION. NUT BODY SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT IN THE MAXIMUM MISALIGNED POSITION. MAXIMUM AXIAL FLOAT IS .020 FOR SIZES -3 AND UNDER, AND .030 FOR -4 SIZES AND OVER. NUT MISALIGNMENT SHALL NOT EXCEED DIM. 'B'.
- SURFACE TEXTURE NOT TO EXCEED 125 MICROINCHES PER ANSI/ASME B46.1
- QUALITY CONFORMANCE REQUIREMENTS PER NASM25027.

EXAMPLE PART NUMBER: 1 8 6 5 0 4 () () ()

'K' FOR DIMPLED / COUNTERSUNK RIVET HOLES
THREAD SIZE
'L' FOR DRY FILM LUBRICATED NUT & CAGE
BASIC PART NUMBER

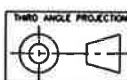
PART NUMBERS DEFINED:

186504-3 186504-4
186504-3K 186504-4K
186504L3 186504L4
186504L3K 186504L4K

FAA-TSO AUTHORIZED PART

D	10164	6/28/13
C	9846	12/5/11
ISSUE	ECN NUMBER	DATE
PROJECT No.		

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



ITEM NO.	QTY. REQ'D	PART NO.	DESCRIPTION	MATERIAL OR NOTES
NEXT ASSEMBLY				
END ITEM			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES, TOLERANCES DECIMALS FRACTION ANGLES ±.010	IBM #
			MATERIAL: NOTED	DRAWN BY: DATE TSC 02/20/07
			HEAT TREAT: NOTED	ENG. APPROVAL: DATE TSC 02/26/07
PREVIOUS ASSEMBLY			FINAL PROTECTIVE FINISH: NOTED	QUAL. ACCEPT.: DATE FD 3/1/07
				MFG. ACCEPT.: DATE JA 3/1/07
				CODE INVENT. NO. SIZE DRAWING NUMBER: 60119 B 186504(())(())
				SCALE: NONE SALES SHEET 1 OF 1

lisi AEROSPACE THE MONADNOCK COMPANY
18501 E ARENTH AVE
CITY OF INDUSTRY, CALIFORNIA
TITLE:
NUT PLATE, 2 LUG, STEEL
SELF-LOCKING, LOW HEIGHT
(NASM21059 EQUIV)