

186503--() ()

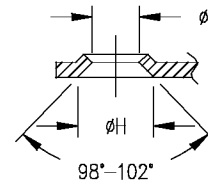
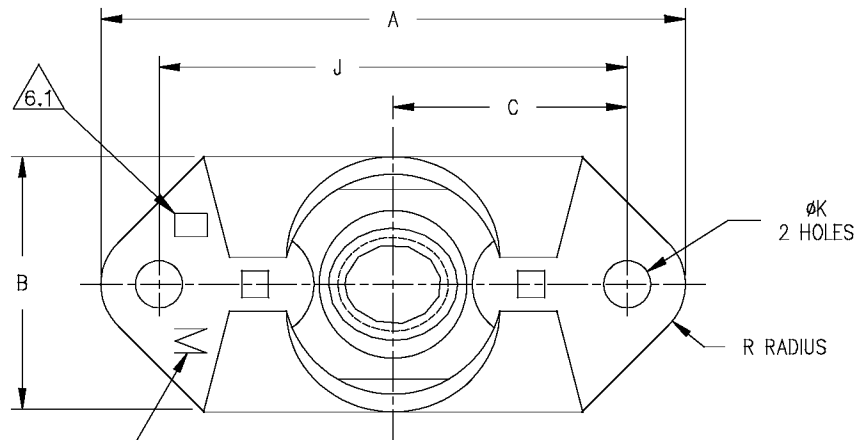
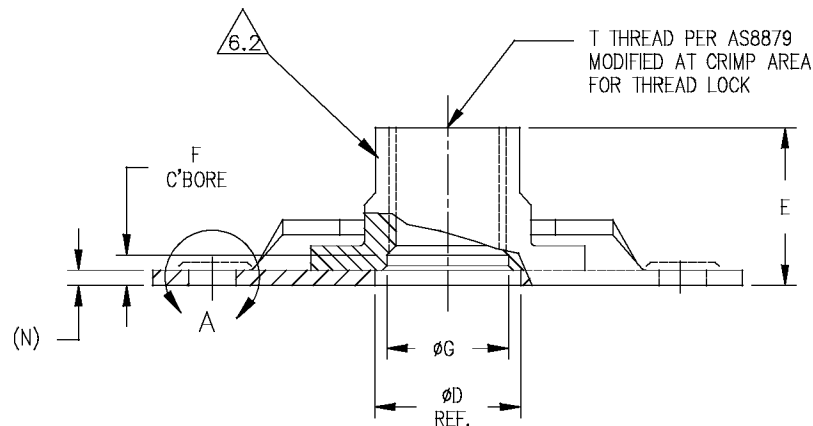


TABLE I

| DASH NO | T THREAD SIZE | A MAX | B MAX | ØC ±.005 | ØD REF | E +.000 -.020 | F MIN | ØG MIN | ØH | J ±.002 | ØK +.015 -.000 | N REF | R MIN |
|---------|------------------|----------|----------|-------------|-----------|---------------------|----------|-----------|------|------------|----------------------|----------|----------|
| -3() | .1900-32UNJF-3B | .948 | .416 | .344 | .250 | .290 | .062 | .194 | .200 | .688 | .098 | .025 | .100 |
| -4() | .2500-28UNJC-3B | 1.292 | .516 | .500 | .310 | .340 | .062 | .254 | .200 | 1.000 | .098 | .031 | .100 |
| -5() | .3125-24UNJC-3B | 1.292 | .609 | .500 | .373 | .383 | .062 | .317 | .230 | 1.000 | .130 | .035 | .125 |
| -6() | .3750-24UNJF-3B | 1.292 | .680 | .500 | .435 | .440 | .062 | .379 | .230 | 1.000 | .130 | .035 | .125 |

TABLE II

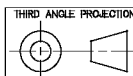
| DASH NO | T THREAD SIZE | SEATING TORQUE (IN.LBS.) SUFFIX 'CF' AND 'CFR' ONLY | AXIAL TENSILE STRENGTH |
|---------|------------------|--|------------------------|
| -3() | .1900-32UNJF-3B | 25-35 | 3,620 LBS MIN |
| -4() | .2500-28UNJC-3B | 50-80 | 6,470 LBS MIN |
| -5() | .3125-24UNJC-3B | 100-150 | 10,200 LBS MIN |
| -6() | .3750-24UNJF-3B | 160-240 | 15,200 LBS MIN |



SEE NOTES ON SHEET 2

| | | |
|-------------|------------|---------|
| A | ECN 8880 | 1/17/08 |
| ISSUE | ECN NUMBER | DATE |
| PROJECT No. | 0618-014 | |

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 | END ITEM | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES DECIMALS FRACTION ANGLES | IBM # | li si AEROSPACE THE MONADNOCK COMPANY 18301 E. ARENTH AVE CITY OF INDUSTRY, CALIFORNIA |
| PREVIOUS ASSEMBLY | HEAT TREAT: | NOTED | DRAWN BY: DATE TSC 02/14/07 | TITLE: NUT PLATE, 2 LUG, FLOATING, SELF-LOCKING (BACN10JB EQUIV.) |
| | FINAL PROTECTIVE FINISH: | NOTED | ENG. APPROVAL: DATE TSC 02/26/07 | QUAL. ACCEPT.: DATE FD 3/1/07 |
| | | | MFG. ACCEPT.: DATE JA 3/1/07 | CODE IDENT. NO. 60119 |
| | | | | SIZE B |
| | | | | DRAWING NUMBER: 186503--() () |
| | | | | SALES |
| | | | | SHEET 1 OF 2 |

186503-(())

NOTES (UNLESS OTHERWISE SPECIFIED) :

1. MATERIAL:
- 1.1 STEEL NUT AND CAGE: 1035 PER AMS-QQ-S-700 OR AMS5080, OR 1050 PER AMS5085, 8740 PER AMS6322 OR AMS6358; 4340 PER AMS6359; 4130 PER AMS6350. NUT HEAT TREATED TO 46HRC MAXIMUM.
- 1.2 CRES NUT AND CAGE: A286 CRES PER AMS5525, AMS5732, OR AMS5737.
2. DASH NUMBER DESIGNATES NOMINAL THREAD SIZE. THREADS PER AS8879
3. MATERIAL AND FINISH SUFFIX DESIGNATIONS:
- 3.1 NO SUFFIX: STEEL NUT AND CAGE, CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2. EMBRITTLEMENT TEST PER BPS-N-70. NUT IS MOLYBDENUM DISULFIDE SOLID FILM LUBRICATED PER MIL-PRF-46010, TYPE I, OR AS5272, TYPE I. AS5272 SHALL BE IN ACCORDANCE WITH THE QPL IN AS5272SUP MEETING THE REQUIREMENTS OF NASM25027 AND HYDRAULIC FLUID RESISTANCE OF BMS3-8.
- 3.2 SUFFIX 'C': A286 CRES NUT SILVER PLATED PER AMS2410, .0002 MINIMUM THICKNESS ON SURFACES WHICH CAN BE TOUCHED BY A .75 BALL. THREADS SHALL SHOW COMPLETE COVERAGE BUT THICKNESS REQUIREMENT IS WAIVED. A286 CRES CAGE PASSIVATED PER AMS2700, TYPE 2 OR 8.
- 3.3 SUFFIX 'CD': A286 CRES NUT CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2. EMBRITTLEMENT TEST PER BPS-N-70. NUT IS MOLYBDENUM DISULFIDE SOLID FILM LUBRICATED PER MIL-PRF-46010, TYPE I, OR AS5272, TYPE I. AS5272 SHALL BE IN ACCORDANCE WITH THE QPL IN AS5272SUP MEETING THE REQUIREMENTS OF NASM25027 AND HYDRAULIC FLUID RESISTANCE OF BMS3-8. A286 CRES CAGE CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2.
- 3.4 SUFFIX 'CF': A286 CRES NUT PASSIVATED PER AMS2700, TYPE 2 OR 8, AND MOLYBDENUM DISULFIDE SOLID FILM LUBRICATED PER MIL-PRF-46010, TYPE I, KALGARD "FA" OR AS5272, TYPE I, KALGARD "FA". AS5272 SHALL BE IN ACCORDANCE WITH THE QPL IN AS5272SUP. SOLID FILM LUBRICANT TO MEET THE REQUIREMENTS OF NASM25027 AND HYDRAULIC FLUID RESISTANCE REQUIREMENTS OF BMS3-8. A286 CRES CAGE PASSIVATED PER AMS2700, TYPE 2 OR 8.

- 3.5 SUFFIX 'CM': A286 CRES NUT AND CAGE, PASSIVATED PER AMS2700, TYPE 2 OR 8. NUT IS MOLYBDENUM DISULFIDE SOLID FILM LUBRICATED PER MIL-PRF-46010, TYPE I, OR AS5272, TYPE I. AS5272 SHALL BE IN ACCORDANCE WITH THE QPL IN AS5272SUP MEETING THE REQUIREMENTS OF NASM25027 AND HYDRAULIC FLUID RESISTANCE OF BMS3-8.
- 3.6 SUFFIX 'CMK': A286 CRES NUT PASSIVATED PER AMS2700, TYPE 2 OR 8. NUT IS MOLYBDENUM DISULFIDE SOLID FILM LUBRICATED PER MIL-PRF-46010, TYPE I, OR AS5272, TYPE I. AS5272 SHALL BE IN ACCORDANCE WITH THE QPL IN AS5272SUP MEETING THE REQUIREMENTS OF NASM25027 AND HYDRAULIC FLUID RESISTANCE OF BMS3-8. A286 CRES CAGE ALUMINUM PIGMENT COATED PER BMS10-85, TYPE I, CLASS A.
- 3.7 SUFFIX 'CMN': A286 CRES NUT PASSIVATED PER AMS2700, TYPE 2 OR 8. NUT IS MOLYBDENUM DISULFIDE SOLID FILM LUBRICATED PER MIL-PRF-46010, TYPE I, OR AS5272, TYPE I. AS5272 SHALL BE IN ACCORDANCE WITH THE QPL IN AS5272SUP MEETING THE REQUIREMENTS OF NASM25027 AND HYDRAULIC FLUID RESISTANCE OF BMS3-8. A286 CRES BASKET ZINC NICKEL PLATED PER BAC5637, TYPE II, CLASS 2 OR ZINC NICKEL PER AMS2417, TYPE 2, EXCEPT HYDROGEN EMBRITTLEMENT TESTING IS NOT REQUIRED.
4. LAST SUFFIX 'R' DESIGNATES COUNTERSUNK OR DIMPLED HOLE AT MANUFACTURERS OPTION.
5. NUT FLOAT .030 MINIMUM RADIALLY FROM CENTERED POSITION.

6. MARKING INFORMATION:

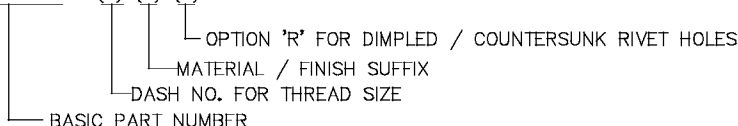


IDENTIFY WITH LETTER 'C' FOR CRES MATERIAL, OR 'CD' FOR CADMIUM PLATED CRES MATERIAL ON ALL NUTS LARGER THAN .2500-25; ALSO APPLIES FOR SIZES .1900-32 AND .2500-28 WITH PLAIN RIVET HOLES. LOCATION OPTIONAL.



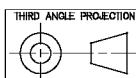
SUFFIX 'CD' AND 'CDR' IDENTIFY NUT ELEMENT WITH DOT OR SPRAY SPOT OF DYKEM (DW18727) WHITE PAINT OR EQUIV. AFTER LUBRICATION. (ITW FLUID PRODUCTS GROUP, 8501 DELPORT DR. ST LOUIS, MO 63114.) OVERSPRAY IS ACCEPTABLE ON THE TOP THREADS AND CAGE.

EXAMPLE PART NUMBER: 1 8 6 5 0 3 - (())



| | | |
|-------------|-------------|------|
| | SEE SHEET 1 | |
| ISSUE | ECN NUMBER | DATE |
| PROJECT No. | | |

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 | | |
| PREVIOUS ASSEMBLY | | MATERIAL: | HEAT TREAT: | FINAL PROTECTIVE FINISH: |
| | | | | |
| | | | | |

ITEM #

DRAWN BY: DATE

ENG. APPROVAL: DATE

QUAL. ACCEPT.: DATE

MFG. ACCEPT.: DATE

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

TITLE:
NUT PLATE, 2 LUG,
FLOATING, SELF-LOCKING
(BACN10JB EQUIV.)

CODE IDENT. NO. 60119 SIZE B DRAWING NUMBER: 186503-(())

SCALE: SALES SHEET 2 OF 2