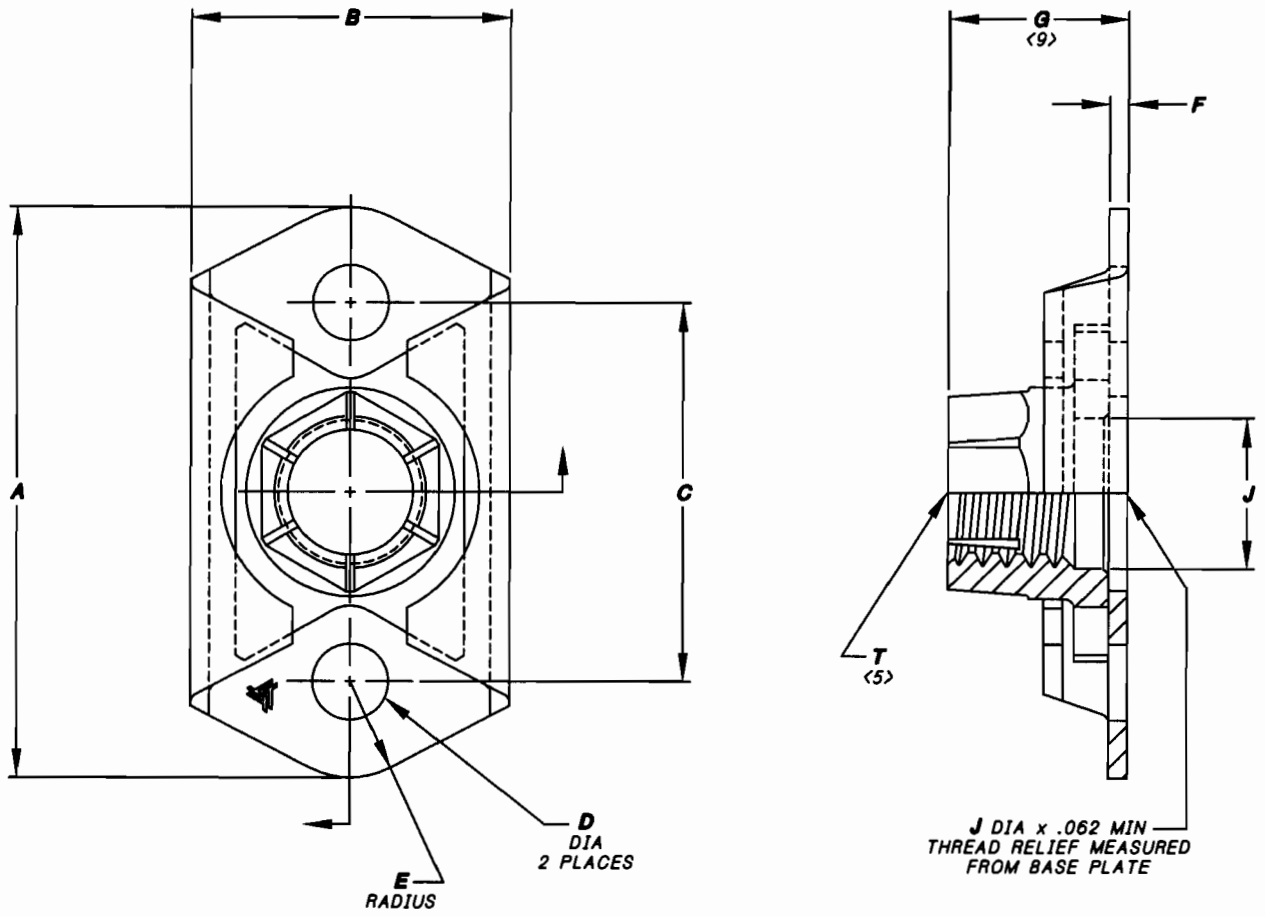

TABLE 1

DASH NUMBER	T THREAD SIZE	A MAX	B MAX	C ±.002	D +.005 -.000	E MIN	F MAX	G MAX	J DIA MIN	WEIGHT LBS/100 MAXIMUM	AXIAL STRENGTH MIN LBS	SEATING TORQUE MAXIMUM IN-LBS
-3	.1900-32UNJF-3B	.739	.416	.500	.098	.100	.032	.250	.194	.39	2,460	36.0
-4	.2500-28UNJF-3B	.801	.500	.562	.098	.100	.032	.281	.254	.69	4,580	60.0
-5	.3125-24UNJF-3B	1.010	.581	.718	.130	.117	.045	.328	.317	1.10	7,390	120.0

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
E5	10/21/10	94301

SCANNED

UNLESS OTHERWISE SPECIFIED:
TOLERANCE:
DECIMALS:
.XX ±.02
.XXX ±.010
ANGLE: ±2°

APPROVED DATE
10 AUG 82
REV. LETTER AND DATE
~~E~~ ~~28 JUN 05~~
DAF NUMBER
~~DAF 39871~~

Fairchild

FAIRCHILD FASTENERS
ENGINEERING CENTER
3000 WEST LOMITA BOULEVARD
TORRANCE, CA 90505

CAGE CODE **29372**
TRIDAIR PRODUCT

NUT PLATE
FLOATING, FLAT BEAM LOCK,
250 CYCLE, TWO LUG, REDUCED RIVET
SPACING, ALLOY STEEL, 450°

FBL10002-( )

SHEET 1 OF 2

S42000

NOTES; UNLESS OTHERWISE SPECIFIED:

[redacted]

2. MATERIAL:
2.1 NUT: 4140 OR 8740 ALLOY STEEL PER MIL-S-5626 OR AMS6382 OR MIL-S-6049 OR AMS6322.
2.2 CAGE: 300 SERIES CRES PER AMS5517 OR MIL-S-5059.

3. HEAT TREAT:
3.1 NUT: 180-200 KSI PER MIL-H-6875 OR AMS2759.

4. FINISH:
4.1 NUT: CADMIUM PLATE PER AMS-QQ-P-416, TYPE I, CLASS 2 AND DRY FILM LUBE PER AS5272, TYPE I.
4.2 CAGE: PASSIVATED PER AMS-QQ-P-35, OR OPTIONAL FINISH OF CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. (SEE NOTE 13 FOR PART CALLOUT EXAMPLE).

⟨5⟩ THREADS PER AS8879 EXCEPT IN LOCKING AREA AND PRIOR TO LUBRICATION.

6. ANTI-SEIZE COMPOUND PER MIL-A-907 ADDED TO INTERNAL THREAD.

7. LOCKING TORQUE:
7.1 THE SELF-LOCKING FEATURE SHALL BE A FLAT BEAM TYPE CAPABLE OF 250 SEATED USEABLE CYCLES WHEN TESTED WITH A 160,000 PSI MINIMUM ULTIMATE TENSILE STRENGTH. CADMIUM PLATED, ALLOY STEEL BOLT. SEATING TORQUE SHALL BE AS SPECIFIED IN **TABLE 1** LOCKING TORQUE LIMITS SHALL BE AS SPECIFIED IN NASM25027 TABLE III.

8. FLOAT OF NUT PORTION OF ASSEMBLY SHALL BE .020 MINIMUM RADIALLY FROM CENTERED POSITION. NUT BODY SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT IN THE MAXIMUM MISALIGNED POSITION.

⟨9⟩ MINIMUM "G" NOT SPECIFIED. LIMITED ONLY BY STRENGTH REQUIREMENTS.

10. THE ASSEMBLY SHALL PROVIDE A BEARING SURFACE FOR THE NUT WITHIN THE CAGE.

11. NUT PUSHOUT AND TORQUE-OUT SHALL BE AS SPECIFIED IN MIL-N-25027.

12. NUT PLATES ARE SIMILAR TO THE DIMENSIONAL ENVELOPE SPECIFIED IN NAS1068 AND MS21075.

13. PART CALLOUT EXAMPLE:

FBL10002-3
- .1900-32UNJF-3B THREAD SIZE
- BASIC PART NUMBER, (WITH PASSIVATED CAGE)

FBL10002C-3
- .1900-32UNJF-3B THREAD SIZE
- "C" AFTER BASIC PART NUMBER DESIGNATES CADMIUM PLATED CAGE
- BASIC PART NUMBER

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
E1	10/21/10	94301

SCANNED

UNLESS OTHERWISE SPECIFIED: TOLERANCE: DECIMALS: .XX ±.02 .XXX ±.010 ANGLE: ±2°	FAIRCHILD FASTENERS ENGINEERING CENTER 3000 WEST LOMITA BOULEVARD TORRANCE, CA 90505	CAGE CODE 29372 TRIDAIR PRODUCT
APPROVED DATE 10 AUG 82	NUT PLATE FLOATING, FLAT BEAM LOCK, 250 CYCLE, TWO LUG, REDUCED RIVET SPACING, ALLOY STEEL, 450°	FBL10002-( )
REV. LETTER AND DATE ~~E 28 JUN 03~~		SHEET 2 OF 2
DAF NUMBER ~~DAF 39071~~		

S42000