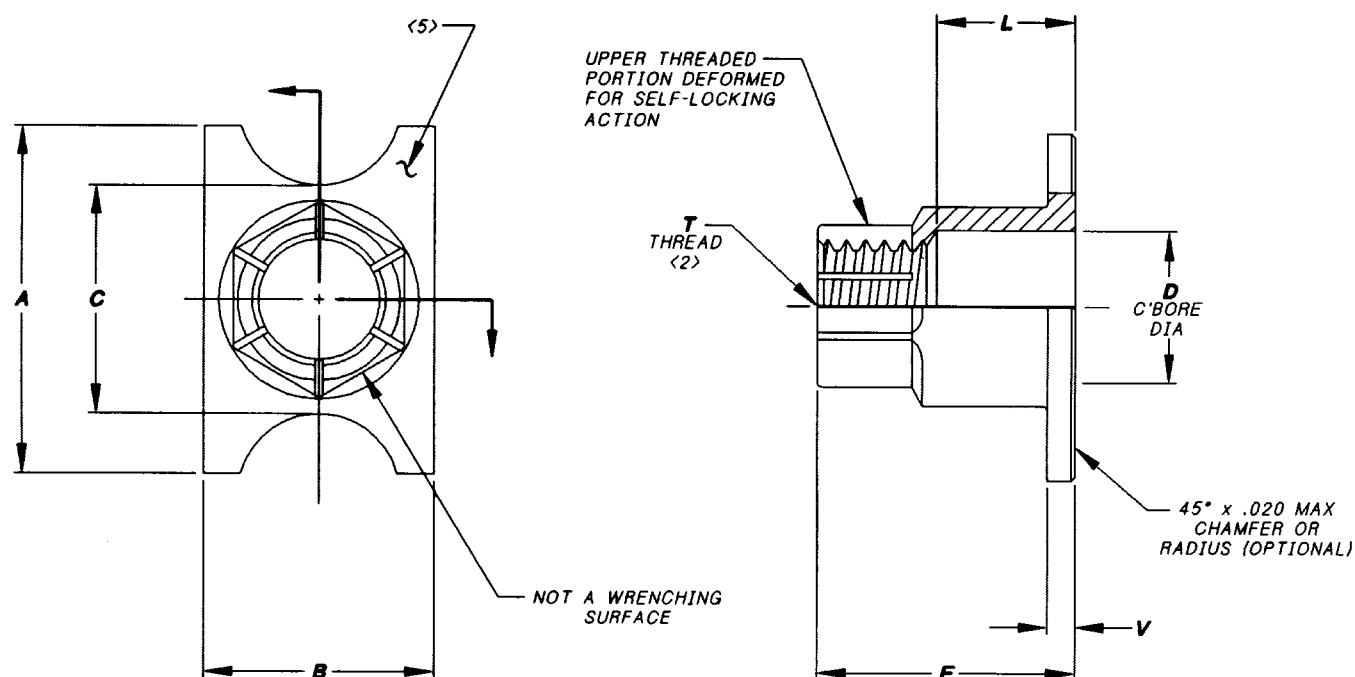


Vol-Shan • Tridair • Screwcorp



MATERIAL: 4140 ALLOY STEEL PER MIL-S-5626 OR 8740 ALLOY STEEL PER AMS-S-6049 OR AMS6322, HEAT TREATED.

FINISH: CADMIUM PLATED PER AMS-QQ-P-416, TYPE I, CLASS 2. EMBRITTLEMENT RELIEF BAKE TO BE 23 HOURS MINIMUM AFTER PLATING.

LUBRICATION: MOLYBDENUM DISULFIDE SOLD-FILM LUBRICANT PER AS5272, TYPE I.

PERFORMANCE: MIL-DTL-25027 EXCEPT:
 1.) AXIAL TENSILE STRENGTH AS TABULATED.
 2.) LOCKING TORQUE CAPABLE OF 250 REUSE CYCLES SEATED TO THE VALUES AS TABULATED.
 3.) TEST BOLT MATERIAL TO BE ALLOY STEEL, CADMIUM PLATED WITH A MINIMUM STRENGTH OF 160,000 PSI.

USAGE: THESE NUT ELEMENTS ARE REPLACEMENT NUT ELEMENTS FOR FAIRCHILD FBL10040-()-() OR EQUIVALENT NUTPLATE ASSEMBLIES THAT USE AN ALLOY STEEL, NAS1794 CONFIGURATION NUT. (NOTE: -08 SIZE NOT COVERED BY NAS1794).

PART CALLOUT EXAMPLE:

FBL10041-4-2
 SECOND DASH NUMBER INDICATES "L" COUNTERBORE DEPTH (REF: TABLE 1)
 FIRST DASH NUMBER INDICATES THREAD SIZE IN 16TH-INCH (REF: TABLE 1)
 BASIC PART NUMBER

NOTES; UNLESS OTHERWISE SPECIFIED:

1. ALL DIMENSIONS IN INCHES.
- <2> THREAD PER AS8879 PRIOR TO LUBRICATION AND FORMING SELF-LOCKING ACTION.
3. ANTI-SEIZE COMPOUND PER MIL-A-907 APPLIED TO INTERNAL THREADS.
4. THE SELF-LOCKING FEATURE OF THIS NUT IS COVERED BY U.S. PATENT NUMBER 3,702,628.
- <5> IDENTIFICATION:
 PART IS IDENTIFIED WITH MANUFACTURERS NAME OR LOGO AND SECOND DASH NUMBER (REF: TABLE 1). METHOD, LOCATION AND ORIENTATION OPTIONAL.

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

APPROVED DATE

18 JAN 01

REV. LETTER AND DATE

- 18 JAN 01

DAF NUMBER

DAF 50471

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

**NUT-SELF-LOCKING, COUNTERBORE,
 REPLACEMENT ELEMENT,
 ALLOY STEEL**

CAGE CODE **29372**

TRIDAIR PRODUCT

FBL10041-()-()

SHEET 1 OF 2

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TABLE 1

PART DASH NUMBER	T THREAD UNJF-3B (2)	A ±.005	B ±.005	C ±.005	D DIA MIN	E MAX	L C'BORE DEPTH MIN	V	AXIAL TENSILE STRENGTH LBS MIN	MAXIMUM SEATING TORQUE IN-LBS	MAX WEIGHT LB/100
-08-1	.1640-32	.487	.300	.300	.170	.208	.041	.040 .030	1,950	26	T.B.D.
-08-2						.270	.100				
-08-3						.333	.163				
-08-4						.396	.225				
-08-5						.458	.288				
-08-6						.520	.350				
-3-1	.1900-32	.487	.300	.300	.194	.208	.041	.040 .030	2,825	36	.16
-3-2						.270	.100				.23
-3-3						.333	.163				.28
-3-4						.396	.225				.33
-3-5						.458	.288				.38
-3-6						.520	.350				.43
-4-1	.2500-28	.562	.400	.362	.254	.253	.036	.052 .040	5,060	60	.37
-4-2						.315	.100				.47
-4-3						.377	.163				.56
-4-4						.439	.225				.64
-4-5						.501	.288				.74
-4-6						.563	.350				.82
-5-1	.3125-24	.727	.480	.478	.317	.294	.036	.064 .050	8,000	120	.70
-5-2						.350	.100				.76
-5-3						.411	.163				.87
-5-4						.474	.225				.99
-5-5						.536	.288				1.10
-5-6						.599	.350				1.20

"T.B.D." TO BE DETERMINED

UNLESS OTHERWISE SPECIFIED:

TOLERANCE:
DECIMALS:
.XX ±.02
.XXX ±.010
ANGLE: #2°

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ALLOY STEEL**

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FBL10041-()-()

SHEET 2 OF 2

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