

Voi-Shan • Tridair • Screwcorp

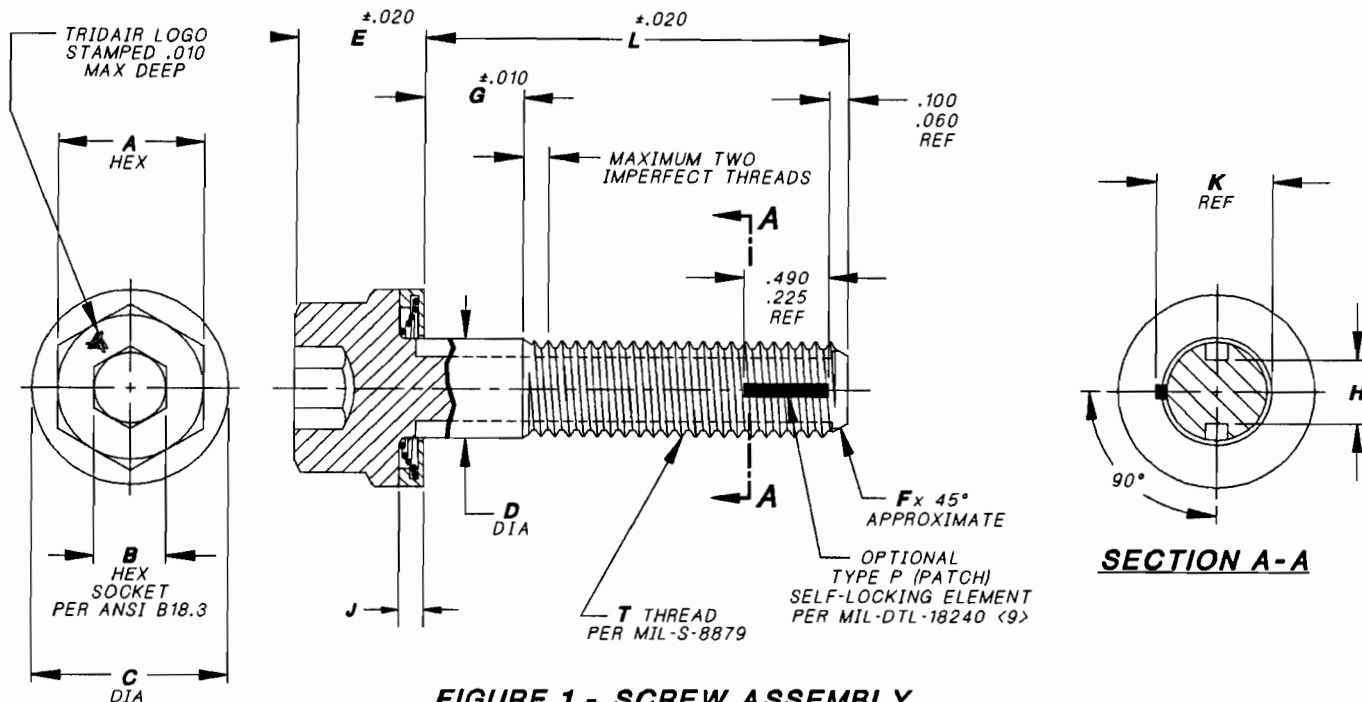


FIGURE 1 - SCREW ASSEMBLY

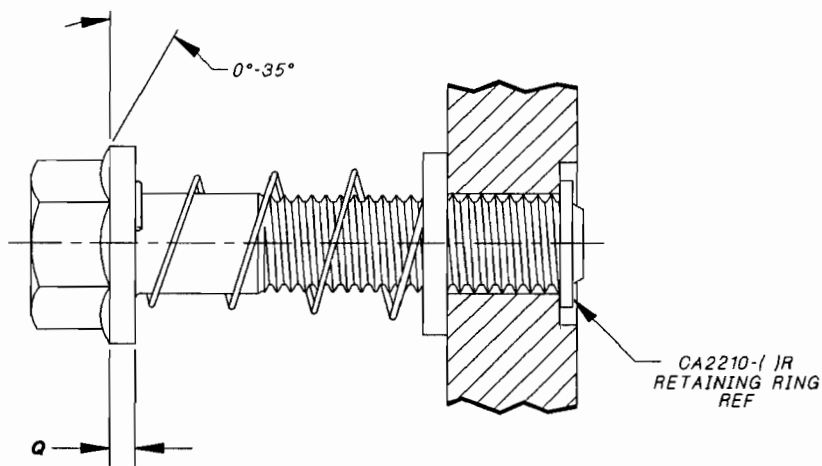


FIGURE 2 - INSTALLED & RETRACTED

INTERIM DOCUMENT REVISION	
Rev.	Date
C1	10/21/10
DAF #	94301

TABLE 1

FIRST DASH NUMBER	T THREAD UNJF-3A	A HEX	B HEX NOMINAL	C DIA	D DIA	E	F REF.	H MIN.	J	K REF.	Q MIN.	USE RETAINING RING
-4	.2500-28	.375 .367	.186	.500	.2495 .2490	.380	.035	.162	.080	.248	.080	CA2210-4R
-6	.3750-24	.562 .551	.312	.750	.3745 .3740	.435	.040	.268	.062	.373	.058	CA2210-6R

PROJECT NUMBER: 97-1274

APPROVED DATE	22 MAY 97
REV. LETTER AND DATE	C 7 JAN 99
DAF NUMBER	DAF 43703

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

CAPTIVE SCREW ASSEMBLY,
 SELF-RETRACTING, "CRIMPRING" TYPE,
 OPTIONAL LOCKING PATCH,
 Ti-6Al-4V, 160 KSI

CAGE CODE **29372**
 TRIDAIR PRODUCT

CA22063

SHEET 1 OF 2

SCANNED

Voi-Shan • Tridair • Screwcorp

TABLE 1 (CONT'D)

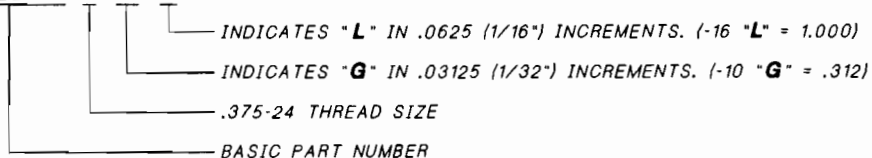
FIRST DASH NUMBER	T THREAD UNJF-3A	ULTIMATE TENSILE STRENGTH MIN (CALCULATED)	ULTIMATE SHEAR STRENGTH MIN (CALCULATED)
-4	.2500-28	4,625 LBS	2,775 LBS
-6	.3750-24	11,300 LBS	7,300 LBS

NOTES, UNLESS OTHERWISE SPECIFIED:

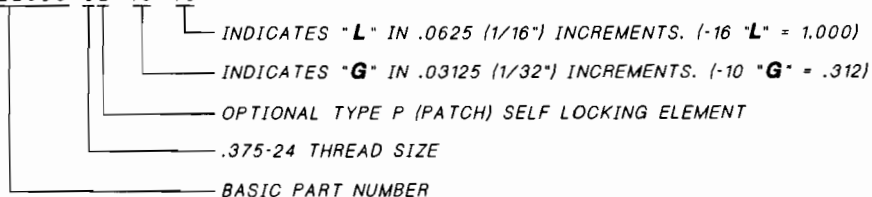
1. MATERIAL:
 - 1.1 SCREW: TITANIUM, Ti-6Al-4V PER MIL-T-9047.
 - 1.2 HOUSING: A286 CRES PER AMS5731 OR AMS5737.
 - 1.3 SPRING: 302 CRES PER ASTM-A313.
2. HEAT TREAT:
 - 2.1 SCREW: PER MIL-H-81200, SOLUTION TREATED AND AGED TO ACHIEVE 160 KSI MIN. TENSILE STRENGTH.
 - 2.2 HOUSING: 140 KSI MIN. PER MIL-H-6875.
3. FINISH:
 - 3.1 SCREW: NONE
 - 3.2 HOUSING & SPRING: PASSIVATE PER ASTM-A967.
4. PANEL PREPARATION PER FAIRCHILD'S CAL-STD-0260. EXCEPT THRU HOLE DIAMETER SHOULD BE .253 MINIMUM FOR -4 SIZE AND .378 MINIMUM FOR -6 SIZE
5. INSTALLATION PROCEDURE PER FAIRCHILD'S SALES DRAWING NUMBER CA2210T-()
6. TOLERANCES, UNLESS OTHERWISE SPECIFIED: .XX ±.02, .XXX ±.010, ANGLES ±2°.

8. PART CALLOUT EXAMPLE:

8.1 CA22063-6-10-16



CA22063-6L-10-16



(9) TYPE P (PATCH) SELF LOCKING ELEMENT PER MIL-DTL-18240. SEE NOTE 8.1 FOR PART CALLOUT EXAMPLE.

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
C1	12/20/10	94301

PROJECT NUMBER: 97-127A

APPROVED DATE 22 MAY 97	FAIRCHILD FASTENERS ENGINEERING CENTER 3000 WEST LOMITA BOULEVARD TORRANCE, CA 90505	CAGE CODE 29372 TRIDAIR PRODUCT
REV. LETTER AND DATE 6 7 JAN 99		CAPTIVE SCREW ASSEMBLY, SELF-RETRACTING, "CRIMPRING" TYPE, OPTIONAL LOCKING PATCH, TI-6Al-4V, 160 KSI
DAF NUMBER DAF 43703		SHEET 2 OF 2