

Voi-Shan • Tridair • Screwcorp

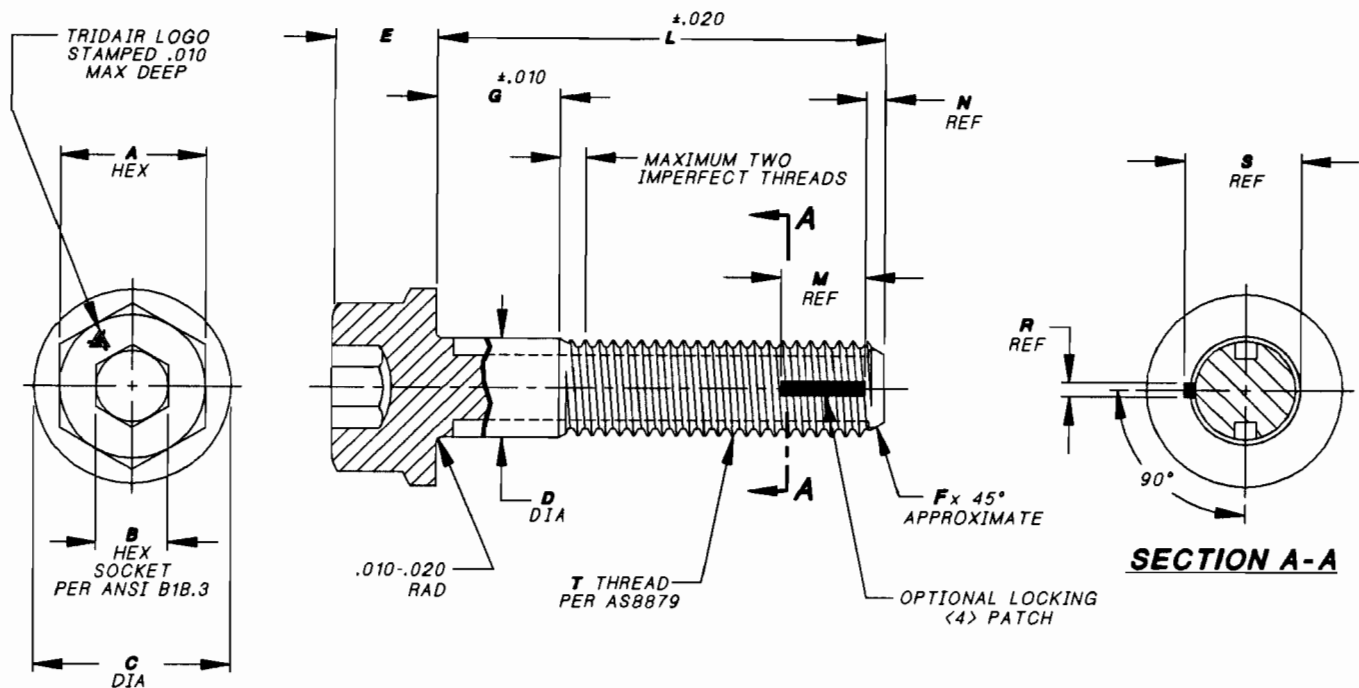


TABLE 1

FIRST DASH NUMBER	T THREAD	A HEX	B HEX NOMINAL	C DIA	D DIA	E	F	M REF	N REF	R REF	S REF
-10	.1900-32UNJF-3A	.312 .305	.156	.437	.1895 .1890	.190 .185	.030	.250 .187	.075 .045	.050	.193 .183
-4	.2500-28UNJF-3A	.375 .367	.188	.500	.2495 .2490	.250 .244	.035	.350 .250	.090 .050	.055	.253 .243
-5	.3125-24UNJF-3A	.500 .489	.250	.625	.3120 .3115	.312 .306	.040	.400 .225	.100 .060	.060	.315 .305

FIRST DASH NUMBER	ULTIMATE TENSILE STRENGTH MIN (CALCULATED)	ULTIMATE SHEAR STRENGTH MIN (CALCULATED)
-10	2,425 LBS	1,450 LBS
-4	4,625 LBS	2,775 LBS
-5	7,400 LBS	4,425 LBS

PROJECT NUMBER: 99-053

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

APPROVED DATE
 11 MAY 99

REV. LETTER AND DATE
 11 MAY 99

DAF NUMBER
 DAF 44481

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

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

CAGE CODE **29372**
 TRIDAIR PRODUCT

SCREW, CAPTIVE,
 OPTIONAL LOCKING PATCH,
 HEX HEAD, HEX SOCKET RECESS,
 CRES, 160 KSI

CA22068-()-()-()

SHEET 1 OF 3

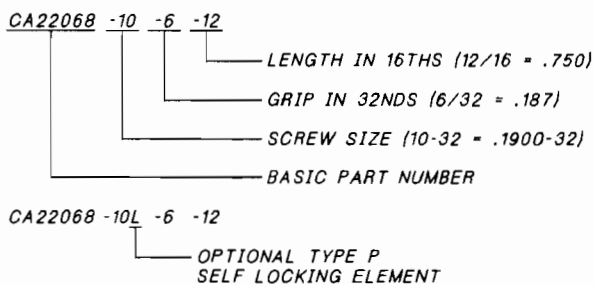
SCANNED

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NOTES, UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: A286 CRES PER AMS5731 OR AMS5737.
2. HEAT TREAT: 160,000 PSI MINIMUM UTS.
3. FINISH: PASSIVATED PER AMS-QQ-P-35.
- <4.> OPTIONAL: TYPE P (PATCH) SELF LOCKING ELEMENT PER MIL-DTL-18240. SEE NOTE 9 FOR PART CALLOUT EXAMPLE.
5. SCREW TO BE USED WITH CA2210-() R RETAINING RINGS.
6. PANEL PREPARATION: REFER TO CAL-STD-0260 DRAWING. EXCEPT THRU HOLE DIAMETER FOR PARTS WITH LOCKING ELEMENT SHOULD BE: .193 MINIMUM FOR -10
.253 MINIMUM FOR -4
.315 MINIMUM FOR -5
7. INSTALLATION: REFER TO CA2210T-() DRAWING.

9. PART CALLOUT EXAMPLE:



10. LONGER LENGTHS (IN .0625 INCREMENTS) AND GRIPS (IN .03125 INCREMENTS) THAN ARE SHOWN IN TABLES 2, 3, AND 4 MAY BE ORDERED. CONSULT WITH FAIRCHILD ENGINEERING FOR DESIGN LIMITATIONS.

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SHEET 2 OF 3

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TABLE 2

.1900-32 SIZE FIRST DASH NO. -10	G GRIP									L LENGTH
	.062	.094	.125	.156	.187	.218	.250	.281	.312	
-2-9	-3-9	-4-9	-5-9	-6-9	-7-9	-8-9	-9-9	-10-9	.562	
-2-10	-3-10	-4-10	-5-10	-6-10	-7-10	-8-10	-9-10	-10-10	.625	
-2-11	-3-11	-4-11	-5-11	-6-11	-7-11	-8-11	-9-11	-10-11	.687	
-2-12	-3-12	-4-12	-5-12	-6-12	-7-12	-8-12	-9-12	-10-12	.750	
-2-13	-3-13	-4-13	-5-13	-6-13	-7-13	-8-13	-9-13	-10-13	.812	
-2-14	-3-14	-4-14	-5-14	-6-14	-7-14	-8-14	-9-14	-10-14	.875	
-2-15	-3-15	-4-15	-5-15	-6-15	-7-15	-8-15	-9-15	-10-15	.937	
-2-16	-3-16	-4-16	-5-16	-6-16	-7-16	-8-16	-9-16	-10-16	1.000	
-2-17	-3-17	-4-17	-5-17	-6-17	-7-17	-8-17	-9-17	-10-17	1.062	
-2-18	-3-18	-4-18	-5-18	-6-18	-7-18	-8-18	-9-18	-10-18	1.125	

TABLE 3

.2500-28 SIZE FIRST DASH NO. -4	G GRIP									L LENGTH
	.062	.094	.125	.156	.187	.218	.250	.281	.312	
-2-10	-3-10	-4-10	-5-10	-6-10	-7-10	-8-10	-9-10	-10-10	.625	
-2-11	-3-11	-4-11	-5-11	-6-11	-7-11	-8-11	-9-11	-10-11	.687	
-2-12	-3-12	-4-12	-5-12	-6-12	-7-12	-8-12	-9-12	-10-12	.750	
-2-13	-3-13	-4-13	-5-13	-6-13	-7-13	-8-13	-9-13	-10-13	.812	
-2-14	-3-14	-4-14	-5-14	-6-14	-7-14	-8-14	-9-14	-10-14	.875	
-2-15	-3-15	-4-15	-5-15	-6-15	-7-15	-8-15	-9-15	-10-15	.937	
-2-16	-3-16	-4-16	-5-16	-6-16	-7-16	-8-16	-9-16	-10-16	1.000	
-2-17	-3-17	-4-17	-5-17	-6-17	-7-17	-8-17	-9-17	-10-17	1.062	
-2-18	-3-18	-4-18	-5-18	-6-18	-7-18	-8-18	-9-18	-10-18	1.125	

TABLE 4

.3125-24 SIZE FIRST DASH NO. -5	G GRIP									L LENGTH
	.062	.094	.125	.156	.187	.218	.250	.281	.312	
-2-10	-3-10	-4-10	-5-10	-6-10	-7-10	-8-10	-9-10	-10-10	.625	
-2-11	-3-11	-4-11	-5-11	-6-11	-7-11	-8-11	-9-11	-10-11	.687	
-2-12	-3-12	-4-12	-5-12	-6-12	-7-12	-8-12	-9-12	-10-12	.750	
-2-13	-3-13	-4-13	-5-13	-6-13	-7-13	-8-13	-9-13	-10-13	.812	
-2-14	-3-14	-4-14	-5-14	-6-14	-7-14	-8-14	-9-14	-10-14	.875	
-2-15	-3-15	-4-15	-5-15	-6-15	-7-15	-8-15	-9-15	-10-15	.937	
-2-16	-3-16	-4-16	-5-16	-6-16	-7-16	-8-16	-9-16	-10-16	1.000	
-2-17	-3-17	-4-17	-5-17	-6-17	-7-17	-8-17	-9-17	-10-17	1.062	
-2-18	-3-18	-4-18	-5-18	-6-18	-7-18	-8-18	-9-18	-10-18	1.125	

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