

Voi-Shan • Tridair • Sorewoorp

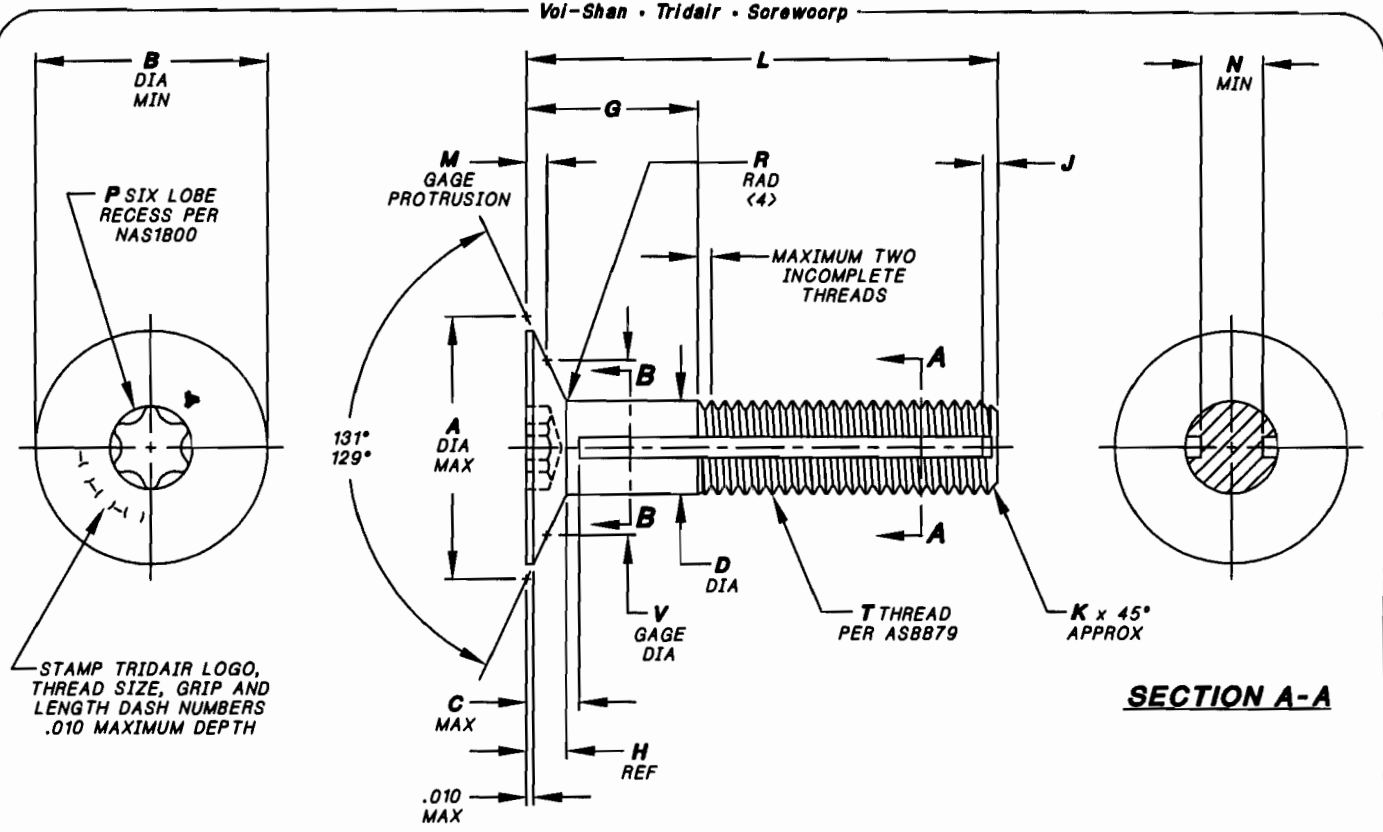


TABLE 1

FIRST DASH NUMBER	T THREAD SIZE	A DIA MAX 	B DIA MIN	C MAX	D DIA	H REF 	J	K	M	N MIN	P		R RAD	V GAGE DIA
											RECESS NUMBER	RECESS DEPTH		
- 10	.1900-32 UNJF-3A	.3955	.357	.100	.1895 .1885	.049	.040	.030	.0362 .0324	.108	T20	.045 .034	.020 .010	.2441 .2439
- 4	.2500-28 UNJF-3A	.5137	.475	.140	.2495 .2485	.063	.040	.035	.0435 .0390	.162	T20	.055 .044	.020 .010	.3315 .3313
- 5	.3125-24 UNJF-3A	.6055	.567	.165	.3120 .3115	.070	.050	.040	.0479 .0429	.205	T30	.060 .049	.025 .010	.4047 .4045
- 6	.3750-24 UNJF-3A	.7141	.675	.195	.3745 .3740	.081	.050	.040	.0546 .0490	.268	T30	.065 .054	.030 .015	.4854 .4852

TABLE 2

FIRST DASH NUMBER	ULTIMATE TENSILE STRENGTH MIN (CALCULATED)	ULTIMATE SHEAR STRENGTH MIN ACROSS A-A (CALCULATED)	ULTIMATE SHEAR STRENGTH MIN ACROSS B-B (CALCULATED)
- 10	1,700 LBS	1,450 LBS	1,950 LBS
- 4	3,700 LBS	2,775 LBS	3,580 LBS
- 5	5,000 LBS	4,425 LBS	5,650 LBS
- 6	7,200 LBS	7,300 LBS	9,310 LBS

S44098 PROJECT NUMBER: 97-117 AND 97-117A

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

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
01	10/21/10	94301

SCANNED

APPROVED DATE	25 MAR 97
REV. LETTER AND DATE	D 20 AUG 03
DAF NUMBER	DAF 59002

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

CAGE CODE **29372**
TRIDAIR PRODUCT

CAPTIVE SCREW
130° FLUSH HEAD, 6 LOBE RECESS
A286 CRES, 180 KSI

CA22062
SHEET 1 OF 3

Val-Shan • Tridair • Screwcorp

TABLE 3

	G GRIP						L LENGTH
	.125	.156	.187	.218	.250	.281	
.1900-32 SIZE FIRST DASH NUMBER -10	-4-7	-5-7	-6-7	-7-7	-8-7		.437
	-4-8	-5-8	-6-8	-7-8	-8-8	-9-8	.500
	-4-9	-5-9	-6-9	-7-9	-8-9	-9-9	.562
	-4-10	-5-10	-6-10	-7-10	-8-10	-9-10	.625
	-4-11	-5-11	-6-11	-7-11	-8-11	-9-11	.687
	-4-12	-5-12	-6-12	-7-12	-8-12	-9-12	.750
	-4-13	-5-13	-6-13	-7-13	-8-13	-9-13	.812
	-4-14	-5-14	-6-14	-7-14	-8-14	-9-14	.875
	-4-15	-5-15	-6-15	-7-15	-8-15	-9-15	.937
	-4-16	-5-16	-6-16	-7-16	-8-16	-9-16	1.000
	-4-17	-5-17	-6-17	-7-17	-8-17	-9-17	1.062
	-4-18	-5-18	-6-18	-7-18	-8-18	-9-18	1.125
	-4-19	-5-19	-6-19	-7-19	-8-19	-9-19	1.187
	-4-20	-5-20	-6-20	-7-20	-8-20	-9-20	1.250
	-4-21	-5-21	-6-21	-7-21	-8-21	-9-21	1.312
	-4-22	-5-22	-6-22	-7-22	-8-22	-9-22	1.375
	-4-23	-5-23	-6-23	-7-23	-8-23	-9-23	1.437
	-4-24	-5-24	-6-24	-7-24	-8-24	-9-24	1.500
	-4-25	-5-25	-6-25	-7-25	-8-25	-9-25	1.562
	-4-26	-5-26	-6-26	-7-26	-8-26	-9-26	1.625
	-4-27	-5-27	-6-27	-7-27	-8-27	-9-27	1.687
	-4-28	-5-28	-6-28	-7-28	-8-28	-9-28	1.750

TABLE 4

	G GRIP						L LENGTH
	.156	.187	.218	.250	.281	.312	
.2500-28 SIZE FIRST DASH NUMBER -4	-5-7	-6-7	-7-7	-8-7			.437
	-5-8	-6-8	-7-8	-8-8	-9-8		.500
	-5-9	-6-9	-7-9	-8-9	-9-9	-10-9	.562
	-5-10	-6-10	-7-10	-8-10	-9-10	-10-10	.625
	-5-11	-6-11	-7-11	-8-11	-9-11	-10-11	.687
	-5-12	-6-12	-7-12	-8-12	-9-12	-10-12	.750
	-5-13	-6-13	-7-13	-8-13	-9-13	-10-13	.812
	-5-14	-6-14	-7-14	-8-14	-9-14	-10-14	.875
	-5-15	-6-15	-7-15	-8-15	-9-15	-10-15	.937
	-5-16	-6-16	-7-16	-8-16	-9-16	-10-16	1.000
	-5-17	-6-17	-7-17	-8-17	-9-17	-10-17	1.062
	-5-18	-6-18	-7-18	-8-18	-9-18	-10-18	1.125
	-5-19	-6-19	-7-19	-8-19	-9-19	-10-19	1.187
	-5-20	-6-20	-7-20	-8-20	-9-20	-10-20	1.250
	-5-21	-6-21	-7-21	-8-21	-9-21	-10-21	1.312
	-5-22	-6-22	-7-22	-8-22	-9-22	-10-22	1.375
	-5-23	-6-23	-7-23	-8-23	-9-23	-10-23	1.437
	-5-24	-6-24	-7-24	-8-24	-9-24	-10-24	1.500
	-5-25	-6-25	-7-25	-8-25	-9-25	-10-25	1.562
	-5-26	-6-26	-7-26	-8-26	-9-26	-10-26	1.625
	-5-27	-6-27	-7-27	-8-27	-9-27	-10-27	1.687
	-5-28	-6-28	-7-28	-8-28	-9-28	-10-28	1.750

INTERIM DOCUMENT REVISION	
Rev.	DAF #
01	9430J
Date	10/21/10

PROJECT NUMBER: 97-117 AND 97-117A

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

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REV. LETTER AND DATE

~~D~~ 20 AUG 03

DAF NUMBER

~~DAF 59602~~

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CAPTIVE SCREW
130° FLUSH HEAD, 6 LOBE RECESS
A288 CRES, 180 KSI

CA22062

SHEET 2 OF 3

Vol-Shan - Tridair - Screwcorp

TABLE 5

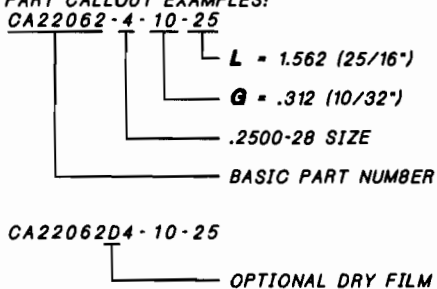
	G GRIP					L LENGTH
	.187	.218	.250	.281	.312	
.3125-24 SIZE FIRST DASH NUMBER - 5	-6-7	-7-7				.437
	-6-8	-7-8	-8-8	-9-8		.500
	-6-9	-7-9	-8-9	-9-9	-10-9	.562
	-6-10	-7-10	-8-10	-9-10	-10-10	.625
	-6-11	-7-11	-8-11	-9-11	-10-11	.687
	-6-12	-7-12	-8-12	-9-12	-10-12	.750
	-6-13	-7-13	-8-13	-9-13	-10-13	.812
	-6-14	-7-14	-8-14	-9-14	-10-14	.875
	-6-15	-7-15	-8-15	-9-15	-10-15	.937
	-6-16	-7-16	-8-16	-9-16	-10-16	1.000
	-6-17	-7-17	-8-17	-9-17	-10-17	1.062
	-6-18	-7-18	-8-18	-9-18	-10-18	1.125
	-6-19	-7-19	-8-19	-9-19	-10-19	1.187
	-6-20	-7-20	-8-20	-9-20	-10-20	1.250
	-6-21	-7-21	-8-21	-9-21	-10-21	1.312
	-6-22	-7-22	-8-22	-9-22	-10-22	1.375
	-6-23	-7-23	-8-23	-9-23	-10-23	1.437
	-6-24	-7-24	-8-24	-9-24	-10-24	1.500
	-6-25	-7-25	-8-25	-9-25	-10-25	1.562
	-6-26	-7-26	-8-26	-9-26	-10-26	1.625
-6-27	-7-27	-8-27	-9-27	-10-27	1.687	
-6-28	-7-28	-8-28	-9-28	-10-28	1.750	

TABLE 6

	G GRIP				L LENGTH
	.218	.250	.281	.312	
.3750-24 SIZE FIRST DASH NUMBER - 6	-7-7				.437
	-7-8	-8-8	-9-8		.500
	-7-9	-8-9	-9-9	-10-9	.562
	-7-10	-8-10	-9-10	-10-10	.625
	-7-11	-8-11	-9-11	-10-11	.687
	-7-12	-8-12	-9-12	-10-12	.750
	-7-13	-8-13	-9-13	-10-13	.812
	-7-14	-8-14	-9-14	-10-14	.875
	-7-15	-8-15	-9-15	-10-15	.937
	-7-16	-8-16	-9-16	-10-16	1.000
	-7-17	-8-17	-9-17	-10-17	1.062
	-7-18	-8-18	-9-18	-10-18	1.125
	-7-19	-8-19	-9-19	-10-19	1.187
	-7-20	-8-20	-9-20	-10-20	1.250
	-7-21	-8-21	-9-21	-10-21	1.312
	-7-22	-8-22	-9-22	-10-22	1.375
	-7-23	-8-23	-9-23	-10-23	1.437
	-7-24	-8-24	-9-24	-10-24	1.500
	-7-25	-8-25	-9-25	-10-25	1.562
	-7-26	-8-26	-9-26	-10-26	1.625
-7-27	-8-27	-9-27	-10-27	1.687	
-7-28	-8-28	-9-28	-10-28	1.750	

NOTES, UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: A286 CRES PER AMS5731 OR AMS5737.
2. HEAT TREAT: 180 KSI MINIMUM PER AMS-H-6875, AMS2759.
3. FINISH: STANDARD - PASSIVATE PER AMS-QQ-P-35.
OPTIONAL - DRY FILM LUBRICANT PER ASS272, TYPE 1.
- <4> FILLET ROLL RADIUS PER NAS4003.
5. SCREW TO BE USED WITH CA2210-() R RETAINING RING TO CAPTIVATE TO PANEL.
6. PANEL PREPARATION: REFER TO CAL-STD-0260 DRAWING.
7. INSTALLATION: REFER TO CA2210T-() DRAWING.
- <8> "A" AND "H" ARE INCLUDED FOR ENGINEERING REFERENCE PURPOSE ONLY AND ARE NOT TO BE USED FOR INSPECTION. VALUES "A" AND "H" ARE CALCULATED LIMITS RESULTING FROM TOLERANCES ON "B", "D", "M", "V" AND HEAD ANGLE.
9. PART CALLOUT EXAMPLES:



INTERIM DOCUMENT REVISION		
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11. LONGER GRIPS (IN 1/32" INCREMENTS) AND LONGER LENGTHS (IN 1/16" INCREMENTS) THAN ARE SHOWN IN TABLES 5 THRU 6 MAY BE ORDERED.

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.XX	±.02
.XXX	±.010
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APPROVED DATE	
25 MAR 97	
REV. LETTER AND DATE	
D 20 AUG 00	
DAF NUMBER	
DAF 59802	

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 3000 WEST LOMITA BOULEVARD
 TORRANCE, CA 90505

CAGE CODE **29372**
 TRIDAIR PRODUCT

CAPTIVE SCREW
130° FLUSH HEAD, 6 LOBE RECESS
A286 CRES, 180 KSI

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