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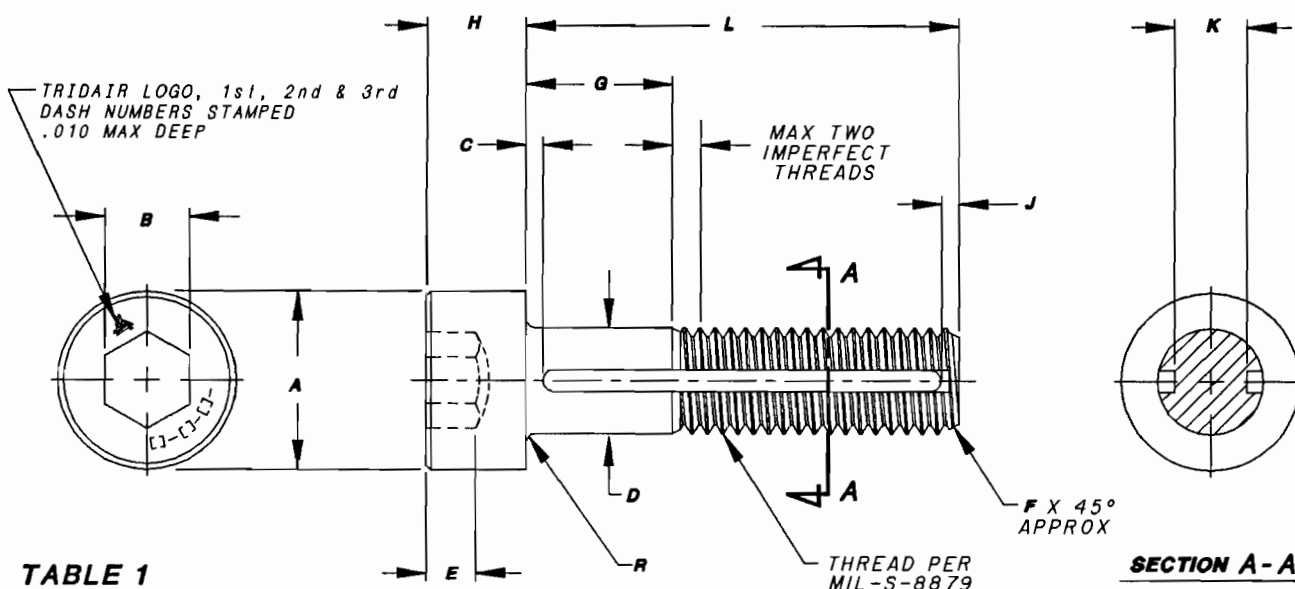
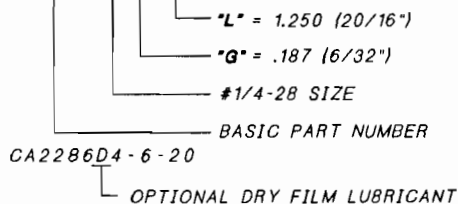


TABLE 1

FIRST DASH NO.	THREAD SIZE	A DIA	B NOM	C MAX	D DIA	E MIN	F	H	J	K MIN	R RAD	ULTIMATE TENSILE STRENGTH MIN (CALCULATED)	ULTIMATE SINGLE SHEAR STRENGTH MIN (CALCULATED)
-10	.1900-32UNJF-3A	.312 .303	.156	.050	.1895 .1885	.090	.030	.190 .185	.040	.108	.020 .010	2,425 LBS.	1,450 LBS.
-4	.2500-28UNJF-3A	.375 .365	.188	.050	.2495 .2485	.120	.035	.250 .244	.040	.162	.020 .010	4,625 LBS.	2,775 LBS.
-5	.3125-24UNJF-3A	.469 .457	.250	.065	.3120 .3110	.151	.040	.312 .306	.050	.205	.020 .010	7,400 LBS.	4,425 LBS.
-6	.3750-24UNJF-3A	.562 .550	.312	.065	.3745 .3735	.182	.040	.375 .368	.050	.268	.025 .015	11,300 LBS.	7,300 LBS.

NOTES:

- MATERIAL: A-286 CRES PER AMS5731, AMS5732, AMS5737.
- HEAT TREAT: PER AMS5737, AGE ONLY, TO ACHIEVE 160,000 PSI MINIMUM TENSILE.
- FINISH: STANDARD - PASSIVATE PER QQ-P-35.
OPTIONAL - DRY FILM LUBRICANT PER MIL-L-46010, TYPE 1 (IAW BOEING MUA NUMBER 1001-0036) DESIGNATED BY LETTER "D" IN LIEU OF 1st DASH.
- HEAD: HEX SOCKET HEAD CAP SCREW PER ANSI B18.3, PLAIN, NOT KNURLED.
- SCREW TO BE USED WITH CA2210-()R RETAINING RING TO CAPTIVATE TO PANEL.
- PANEL PREPARATION: REFER TO CAL-STD-0260 DRAWING.
- INSTALLATION: REFER TO TRIDAIR DRAWING NUMBER CA2210T-().
- PART NUMBER EXAMPLE:
CA2286-4-6-20



INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
W/D1	10/21/10	94301

PROJECT NUMBER: 92-184A

APPROVED DATE	AEROSPACE FASTENER DIVISION ENGINEERING CENTER 3000 WEST LOMITA BOULEVARD TORRANCE, CA 90505	CAGE CODE 92215
24 FEB 93		TRIDAIR PRODUCT
REV. LETTER AND DATE		CA2286-()-()-() SHEET 1 OF 4
25 FEB 93		
ECN NUMBER	SCREW, SOCKET HEAD, CAPTIVE, CRES, MILLED SLOTS	
ECN 32630		

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NOTES CONTINUED:

- [REDACTED]
- 10. TOLERANCES, UNLESS OTHERWISE INDICATED, DECIMALS: .XXX ±.02, .XXX ±.010 ANGLES: ±2°.
 - 11. QUALITY CONFORMANCE INSPECTION SHALL BE PER FF-S-86E, PARA. 4, WITH THE FOLLOWING EXCEPTIONS:
 - 11.1 HARDNESS TESTING PER PARA. 4.3.1.1 SHALL CONFIRM Rc 36 MINIMUM WITHOUT A MAXIMUM LIMIT.
 - 11.2 TENSION TESTING TO BE LIMITED TO AXIAL ONLY PER PARA. 4.3.1.2 EXCEPT TEST PER MIL-STD-1312-8. MINIMUM ULTIMATE TENSILE STRENGTH SHALL BE AS SHOWN IN **TABLE 1** HEREIN.
 - 11.3 DISCONTINUITY INSPECTION TEST SHALL BE PER MIL-I-6866 PENETRANT INSPECTION FOR ALL SIZES.
 - 11.4 SHEAR TESTING IS REQUIRED. TEST PER MIL-STD-1312-4. APPLY LOAD ACROSS SLOTS. MINIMUM ULTIMATE SHEAR STRENGTH SHALL BE AS SHOWN IN **TABLE 1** HEREIN.
 - 11.4.1 PREPARE SHEAR TEST PLATES WITH SCREW HOLES PER CAL-STD-0260. COUNTERBORE TOP PLATE ONLY. COUNTERBORE TO FACE AWAY FROM SCREW HEAD DURING SHEAR TEST.
 - 11.4.2 SAMPLING FOR SHEAR TESTING SHALL BE PER FF-S-86E, PARA. 4.2.3 OR 4.2.7, AS APPLICABLE.
 - 12. PACKAGING:
 - 12.1 PACKAGE PER ASTM-D3951.
 - 12.2 CONTAINER MARKING PER FED-STD-123.

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23 FEB 93		
ECN NUMBER		
ECN 32630		SHEET 2 OF 4

SCANNED

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TABLE 2

	G GRIP									L
	.062	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
.190-32 SIZE FIRST DASH NO.-10	-2-7	-3-7	-4-7	-5-7	-6-7	-7-7	-8-7	-9-7	-10-7	.437
	-2-8	-3-8	-4-8	-5-8	-6-8	-7-8	-8-8	-9-8	-10-8	.500
	-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
	-2-19	-3-19	-4-19	-5-19	-6-19	-7-19	-8-19	-9-19	-10-19	1.187
	-2-20	-3-20	-4-20	-5-20	-6-20	-7-20	-8-20	-9-20	-10-20	1.250
	-2-21	-3-21	-4-21	-5-21	-6-21	-7-21	-8-21	-9-21	-10-21	1.312
	-2-22	-3-22	-4-22	-5-22	-6-22	-7-22	-8-22	-9-22	-10-22	1.375
	-2-23	-3-23	-4-23	-5-23	-6-23	-7-23	-8-23	-9-23	-10-23	1.437
	-2-24	-3-24	-4-24	-5-24	-6-24	-7-24	-8-24	-9-24	-10-24	1.500
	-2-25	-3-25	-4-25	-5-25	-6-25	-7-25	-8-25	-9-25	-10-25	1.562
	-2-26	-3-26	-4-26	-5-26	-6-26	-7-26	-8-26	-9-26	-10-26	1.625
	-2-27	-3-27	-4-27	-5-27	-6-27	-7-27	-8-27	-9-27	-10-27	1.687
	-2-28	-3-28	-4-28	-5-28	-6-28	-7-28	-8-28	-9-28	-10-28	1.750

TABLE 3

	G GRIP									L
	.062	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
.250-28 SIZE FIRST DASH NO.-4	-2-7	-3-7	-4-7	-5-7	-6-7	-7-7	-8-7			.437
	-2-8	-3-8	-4-8	-5-8	-6-8	-7-8	-8-8	-9-8	-10-8	.500
	-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
	-2-19	-3-19	-4-19	-5-19	-6-19	-7-19	-8-19	-9-19	-10-19	1.187
	-2-20	-3-20	-4-20	-5-20	-6-20	-7-20	-8-20	-9-20	-10-20	1.250
	-2-21	-3-21	-4-21	-5-21	-6-21	-7-21	-8-21	-9-21	-10-21	1.312
	-2-22	-3-22	-4-22	-5-22	-6-22	-7-22	-8-22	-9-22	-10-22	1.375
	-2-23	-3-23	-4-23	-5-23	-6-23	-7-23	-8-23	-9-23	-10-23	1.437
	-2-24	-3-24	-4-24	-5-24	-6-24	-7-24	-8-24	-9-24	-10-24	1.500
	-2-25	-3-25	-4-25	-5-25	-6-25	-7-25	-8-25	-9-25	-10-25	1.562
	-2-26	-3-26	-4-26	-5-26	-6-26	-7-26	-8-26	-9-26	-10-26	1.625
	-2-27	-3-27	-4-27	-5-27	-6-27	-7-27	-8-27	-9-27	-10-27	1.687
	-2-28	-3-28	-4-28	-5-28	-6-28	-7-28	-8-28	-9-28	-10-28	1.750

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24 FEB 93
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23 FEB 93
ECN NUMBER
ECN 32030

Fairchild AEROSPACE FASTENER DIVISION
 ENGINEERING CENTER
 3000 WEST LOMITA BOULEVARD
 TORRANCE, CA 90505

CAGE CODE **92215**
 TRIDAIR PRODUCT

SCREW, SOCKET HEAD,
 CAPTIVE, CRES,
 MILLED SLOTS

CA2286-()-()-()

SHEET 3 OF 4

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TABLE 4

.3125-24 SIZE FIRST DASH NO.-5	G GRIP							L	
	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
-3-7	-4-7	-5-7	-6-7	-7-7					.437
-3-8	-4-8	-5-8	-6-8	-7-8	-8-8	-9-8			.500
-3-9	-4-9	-5-9	-6-9	-7-9	-8-9	-9-9	-10-9		.562
-3-10	-4-10	-5-10	-6-10	-7-10	-8-10	-9-10	-10-10		.625
-3-11	-4-11	-5-11	-6-11	-7-11	-8-11	-9-11	-10-11		.687
-3-12	-4-12	-5-12	-6-12	-7-12	-8-12	-9-12	-10-12		.750
-3-13	-4-13	-5-13	-6-13	-7-13	-8-13	-9-13	-10-13		.812
-3-14	-4-14	-5-14	-6-14	-7-14	-8-14	-9-14	-10-14		.875
-3-15	-4-15	-5-15	-6-15	-7-15	-8-15	-9-15	-10-15		.937
-3-16	-4-16	-5-16	-6-16	-7-16	-8-16	-9-16	-10-16		1.000
-3-17	-4-17	-5-17	-6-17	-7-17	-8-17	-9-17	-10-17		1.062
-3-18	-4-18	-5-18	-6-18	-7-18	-8-18	-9-18	-10-18		1.125
-3-19	-4-19	-5-19	-6-19	-7-19	-8-19	-9-19	-10-19		1.187
-3-20	-4-20	-5-20	-6-20	-7-20	-8-20	-9-20	-10-20		1.250
-3-21	-4-21	-5-21	-6-21	-7-21	-8-21	-9-21	-10-21		1.312
-3-22	-4-22	-5-22	-6-22	-7-22	-8-22	-9-22	-10-22		1.375
-3-23	-4-23	-5-23	-6-23	-7-23	-8-23	-9-23	-10-23		1.437
-3-24	-4-24	-5-24	-6-24	-7-24	-8-24	-9-24	-10-24		1.500
-3-25	-4-25	-5-25	-6-25	-7-25	-8-25	-9-25	-10-25		1.562
-3-26	-4-26	-5-26	-6-26	-7-26	-8-26	-9-26	-10-26		1.625
-3-27	-4-27	-5-27	-6-27	-7-27	-8-27	-9-27	-10-27		1.687
-3-28	-4-28	-5-28	-6-28	-7-28	-8-28	-9-28	-10-28		1.750

TABLE 5

.375-24 SIZE FIRST DASH NO.-6	G GRIP							L	
	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
-3-7	-4-7	-5-7	-6-7	-7-7					.437
-3-8	-4-8	-5-8	-6-8	-7-8	-8-8	-9-8			.500
-3-9	-4-9	-5-9	-6-9	-7-9	-8-9	-9-9	-10-9		.562
-3-10	-4-10	-5-10	-6-10	-7-10	-8-10	-9-10	-10-10		.625
-3-11	-4-11	-5-11	-6-11	-7-11	-8-11	-9-11	-10-11		.687
-3-12	-4-12	-5-12	-6-12	-7-12	-8-12	-9-12	-10-12		.750
-3-13	-4-13	-5-13	-6-13	-7-13	-8-13	-9-13	-10-13		.812
-3-14	-4-14	-5-14	-6-14	-7-14	-8-14	-9-14	-10-14		.875
-3-15	-4-15	-5-15	-6-15	-7-15	-8-15	-9-15	-10-15		.937
-3-16	-4-16	-5-16	-6-16	-7-16	-8-16	-9-16	-10-16		1.000
-3-17	-4-17	-5-17	-6-17	-7-17	-8-17	-9-17	-10-17		1.062
-3-18	-4-18	-5-18	-6-18	-7-18	-8-18	-9-18	-10-18		1.125
-3-19	-4-19	-5-19	-6-19	-7-19	-8-19	-9-19	-10-19		1.187
-3-20	-4-20	-5-20	-6-20	-7-20	-8-20	-9-20	-10-20		1.250
-3-21	-4-21	-5-21	-6-21	-7-21	-8-21	-9-21	-10-21		1.312
-3-22	-4-22	-5-22	-6-22	-7-22	-8-22	-9-22	-10-22		1.375
-3-23	-4-23	-5-23	-6-23	-7-23	-8-23	-9-23	-10-23		1.437
-3-24	-4-24	-5-24	-6-24	-7-24	-8-24	-9-24	-10-24		1.500
-3-25	-4-25	-5-25	-6-25	-7-25	-8-25	-9-25	-10-25		1.562
-3-26	-4-26	-5-26	-6-26	-7-26	-8-26	-9-26	-10-26		1.625
-3-27	-4-27	-5-27	-6-27	-7-27	-8-27	-9-27	-10-27		1.687
-3-28	-4-28	-5-28	-6-28	-7-28	-8-28	-9-28	-10-28		1.750

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 TORRANCE, CA 90505

SCREW, SOCKET HEAD,
 CAPTIVE, CRES,
 MILLED SLOTS

CAGE CODE **92215**
 TRIDAIR PRODUCT

CA2286-()-()-()

SCANNED