

TABLE 1

FIRST DASH NO.	THREAD SIZE	A DIA.	B NOM.	C MAX.	D DIA.	E MIN.	F	H	R RAD.	ULTIMATE TENSILE STRENGTH MIN. (CALCULATED)	ULTIMATE SINGLE SHEAR STRENGTH MIN. (CALCULATED)
-06	.138-32UNC-3A	.226 .218	.109	.050	.1375 .1365	.064	.030	.138 .134	.015 .005	1020 LBS.	630 LBS.
-08	.164-32UNC-3A	.270 .262	.141	.050	.1635 .1625	.077	.030	.164 .159	.020 .010	1600 LBS.	980 LBS.
-10	.190-32UNF-3A	.312 .303	.156	.050	.1895 .1885	.090	.030	.190 .185	.020 .010	2350 LBS.	1440 LBS.
-4	.250-28UNF-3A	.375 .365	.188	.050	.2495 .2485	.120	.035	.250 .244	.020 .010	4470 LBS.	2740 LBS.
-5	.3125-24UNF-3A	.469 .457	.250	.065	.3120 .3110	.151	.040	.312 .306	.020 .010	7160 LBS.	4390 LBS.
-6	.375-24UNF-3A	.562 .550	.312	.065	.3745 .3735	.182	.040	.375 .368	.025 .015	11,020 LBS.	6750 LBS.

NOTES:

1. MATERIAL: 17-4PH CRES PER AMS5643.
2. HEAT TREAT: COND. H1025 PER MIL-H-6875.
3. FINISH: PASSIVATED PER QQ-P-35.
4. HEAD: HEX SOCKET HEAD CAP SCREW PER ANSI B18.3, PLAIN, NOT KNURLED.
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 TRIDAIR DRAWING NUMBER CA2210T-[].
8. PART NUMBER EXAMPLE:

CA2246-4-6-20
 'L' = 1.250
 'G' = .187
 #1/4-28 SIZE
 BASIC PART NUMBER

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
N/A1	10/21/10	94301

DRAWING PROVIDES FORM, FIT AND FUNCTION DATA. DO NOT ATTEMPT TO MANUFACTURE PRODUCT USING THIS DRAWING.

DRAWN BY: A. PINKNEY	DATE 12-04-91	TITLE: SCREW, SOCKET HEAD, CAPTIVE, CRES	Resnord SFD 9000 W. Lomita Blvd. Torrance, CA 90505 213/530-2220
MFG. ENGRG:	DATE		
APPROVED BY: <i>[Signature]</i>	DATE 12-4-91		CA2246-[]-[]-[] FSC:29372 SHEET 1 OF 4
APPROVED BY:	DATE		
PROJECT NUMBER: 92-118	UNLESS OTHERWISE SPECIFIED: TOLERANCES: MILLIMETERS SURFACE FINISH DECIMALS: .XX ± .02 ± 0.50 .XXX ± .010 ± 0.25 ANGLES: ± 2°		
S42735			

ECO 26130 12-04-91 REVISION

SCANNED

TABLE 2


	G GRIP									L
	.062	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
.138-32 SIZE FIRST DASH NO.-06	-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
.164-32 SIZE FIRST DASH NO.-08	-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

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
10/21	10/21/10	94361

DRAWING PROVIDES FORM, FIT AND FUNCTION DATA. DO NOT ATTEMPT TO MANUFACTURE PRODUCT USING THIS DRAWING.

DRAWN BY: A. PINKNEY	DATE 12-04-91	TITLE: SCREW, SOCKET HEAD, CAPTIVE, CRES	 Reznord SPD 3000 W. Lomita Blvd. Torrance, CA 90506 213/530-2220
MFG. ENGRG:	DATE		
APPROVED BY: <i>[Signature]</i>	DATE 12-4-91		CA2246-I J-I J-I J FSC:29372 SHEET 2 OF 4
APPROVED BY:	DATE		
PROJECT NUMBER: 92-118	UNLESS OTHERWISE SPECIFIED: TOLERANCES: DECIMALS: .XX ± .02 .XXX ± .010 ANGLES: ± 2°	MILLIMETERS ± 0.50 ± 0.25	SURFACE FINISH 125 MICRONS
S42735			

ECO 26130 12-04-91 REVISION

SCANNED

TABLE 4

	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 5

	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	-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

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
0121	10/21/10	94301

DRAWING PROVIDES FORM, FIT AND FUNCTION DATA. DO NOT ATTEMPT TO MANUFACTURE PRODUCT USING THIS DRAWING.

DRAWN BY: A. PINKNEY	DATE 12-04-91	TITLE:
MFG. ENGRG:	DATE	
APPROVED BY: <i>[Signature]</i>	DATE 12-4-91	
APPROVED BY:	DATE	
PROJECT NUMBER: S42735	92-118	

SCREW, SOCKET HEAD, CAPTIVE, CRES

UNLESS OTHERWISE SPECIFIED:
 TOLERANCES:
 DECIMALS: .XX ± .02
 .XXX ± .010
 ANGLES: ± 2°
 MILLIMETERS ± 0.50 ± 0.25
 SURFACE FINISH 125 MICRONS



CA2246-I J-I I-I
FSC:29372 SHEET 3 OF 4

REVISION - ECO 26130 12-04-91

SCANNED

TABLE 6

.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				
-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 7

.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				
-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

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

DRAWING PROVIDES FORM, FIT AND FUNCTION DATA. DO NOT ATTEMPT TO MANUFACTURE PRODUCT USING THIS DRAWING.

DRAWN BY: A. PINKNEY	DATE 12-04-91	TITLE:
MFG. ENGRG:	DATE	
APPROVED BY: <i>[Signature]</i>	DATE 12-4-91	
APPROVED BY:	DATE	
PROJECT NUMBER:	92-118	
S42735		

SCREW, SOCKET HEAD, CAPTIVE, CRES

Tridair Resnord SFD
3000 W. Lomita Blvd.
Torrance, CA 90505
213/530-2220

UNLESS OTHERWISE SPECIFIED:
TOLERANCES:
DECIMALS: .XX ± .02
.XXX ± .010
ANGLES: ± .1°
MILLIMETERS
± 0.50
± 0.25
SURFACE FINISH
125 MICRONS

CA2246-[]-[]-[]
FSC:29372 SHEET 4 OF 4

ECO 26130 12-04-91

SCANNED