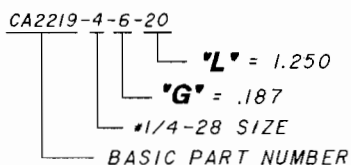


**TABLE 1**

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	1190 LBS.	710 LBS.
-08	.164-32UNC-3A	.270 .262	.141	.050	.1635 .1625	.077	.030	.164 .159	.020 .010	1860 LBS.	1110 LBS.
-10	.190-32UNF-3A	.312 .303	.156	.050	.1895 .1885	.090	.030	.190 .185	.020 .010	2720 LBS.	1630 LBS.
-4	.250-28UNF-3A	.375 .365	.188	.050	.2495 .2485	.120	.035	.250 .244	.020 .010	5200 LBS.	3120 LBS.
-5	.3125-24UNF-3A	.469 .457	.250	.065	.3120 .3110	.151	.040	.312 .306	.020 .010	8420 LBS.	5050 LBS.
-6	.375-24UNF-3A	.562 .550	.312	.065	.3745 .3735	.182	.040	.375 .368	.025 .015	12790 LBS.	7670 LBS.

**NOTES:**

1. MATERIAL: 8740 ALLOY STEEL PER MIL-S-6049, AMS6322.
2. HEAT TREAT: 180-200 KSI PER MIL-H-6875.
3. FINISH: CADMIUM PLATE PER QQ-P-416 TYPE II, CLASS 2.
4. HEAD: HEX SOCKET HEAD CAP SCREW PER ANSI B18.3, PLAIN, NOT KNURLED.
5. SCREW TO BE USED WITH CA2210-[J]R RETAINING RING TO CAPTIVATE TO PANEL.
6. PANEL PREPARATION: REFER TO CAL-STD-0260 DRAWING.
7. INSTALLATION: REFER TO TRIDAIR DRAWING NUMBER CA2210T-[J].
8. PART NUMBER EXAMPLE:



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

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

DRAWN BY: <b>J. STAFFORD</b>	DATE <b>11-1-90</b>	TITLE: <b>SCREW, SOCKET HEAD, CAPTIVE, ALLOY STEEL</b>	Reznord SFD 3000 W. Lomita Blvd. Torrance, CA 90505 213/530-2220
MFG. ENGRG:	DATE		
APPROVED BY: <i>[Signature]</i>	DATE <b>11-1-90</b>		<b>CA2219-[J]-[J]-[J]</b> <b>FSC:29372</b> SHEET / OF 4
APPROVED BY:	DATE	UNLESS OTHERWISE SPECIFIED: TOLERANCES: DECIMALS: .XX ± .02 .XXX ± .010 ANGLES: ± 2°	
PROJECT NUMBER: <b>90-187</b>		MILLIMETERS ± 0.50 ± 0.25	SURFACE FINISH 125 MICRONS
S42731			

REVISION 1-160-26099-11-25-97

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**TABLE 2**

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

.164-32 SIZE FIRST DASH NO.-08	G GRIP									L
	.062	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
	-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 #
A1	10/21/10	94361

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

DRAWN BY: J. STAFFORD	DATE 11-1-90	TITLE:
MFG. ENGRG:	DATE	<b>SCREW, SOCKET HEAD, CAPTIVE, CRES</b>
APPROVED BY: <i>[Signature]</i>	DATE 11-1-90	
APPROVED BY:	DATE	UNLESS OTHERWISE SPECIFIED:
PROJECT NUMBER: 90-187		DECIMALS: .XX ± .02 .XXX ± .010 ANGLES: ± 2°
S42731		MILLIMETERS ± 0.50 ± 0.25
		SURFACE FINISH 125 MICROINCHES



Reznord SPD  
3000 W. Lomita Blvd.  
Torrance, CA 90505  
213/530-2220

**CA2219-[ ]-[ ]-[ ]**

**FSC:29372** SHEET 2 OF 4

A 160-20092 11-25-91

REVISION

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**TABLE 4**

.190-32 SIZE FIRST DASH NO.-10	G GRIP									L
	.062	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
	-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**

.250-28 SIZE FIRST DASH NO.-4	G GRIP									L
	.062	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
	-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 #
A1	10/21/10	94301

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

DRAWN BY: J. STAFFORD	DATE 11-1-90	TITLE:
MFG. ENGRG:	DATE	
APPROVED BY: <i>[Signature]</i>	DATE 11-1-90	
APPROVED BY:	DATE	
PROJECT NUMBER: S42731	90-187	

**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


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

**CA2219-1 J-1 J-1**

**FSC:29372** SHEET 3 OF 4

REVISION A E60-26602 11-25-91

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**TABLE 6**

	G GRIP								L
	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
.3125-24 SIZE FIRST DASH NO.-5	-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 7**

	G GRIP								L
	.094	.125	.156	.187	.218	.250	.281	.312	LENGTH
.375-24 SIZE FIRST DASH NO.-6	-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

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF #
A1	10/21/10	94 301

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

DRAWN BY: J. STAFFORD	DATE 11-1-90
MFG. ENGRG:	DATE
APPROVED BY: <i>[Signature]</i>	DATE 11-1-90
APPROVED BY:	DATE
PROJECT NUMBER: S42731	90-187

TITLE: <b>SCREW, SOCKET HEAD, CAPTIVE, CRES</b>		
UNLESS OTHERWISE SPECIFIED:		
TOLERANCES:	MILLIMETERS	SURFACE FINISH
DECIMALS: .XX ± .02	± 0.50	125 MICRONS
.XXX ± .010	± 0.25	
ANGLES: ± 2°		

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

**CA2219-[ ]-[ ]-[ ]**

**FSC:29372** SHEET 4 OF 4

REVISION 11-25-91

SCANNED