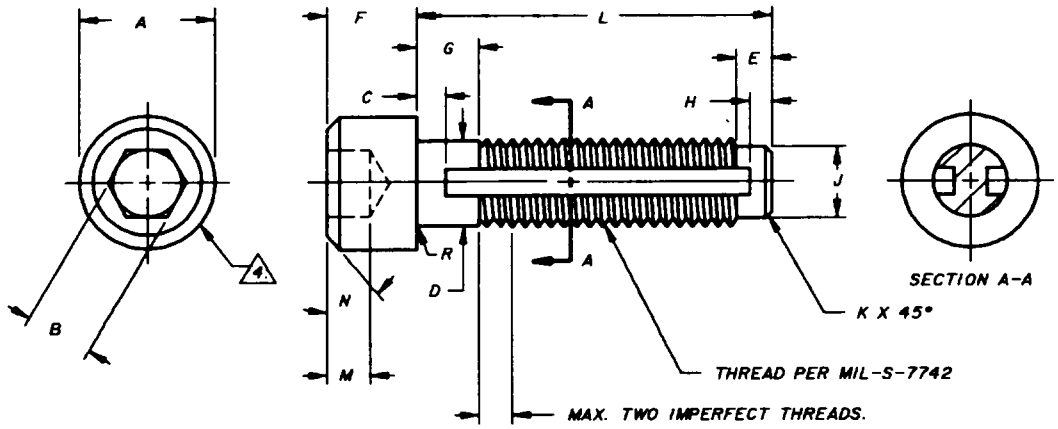

FIRST DASH NO.	THREAD SIZE	A DIA.	B HEX.	C MAX.	D DIA.	E MAX.	F	G	H
-06	.138-32 UNC-3A	.226 .218	.1094 .1111	.040	.1375 .1365	.100	.138 .134	SEE SHEETS 2 AND 3	.050 .030
-08	.164-32 UNC-3A	.270 .262	.1406 .1426	.040	.1635 .1625	.100	.164 .159		.050 .030
-10	.190-32 UNF-3A	.312 .303	.1562 .1587	.040	.1895 .1885	.100	.190 .185		.050 .030
-4	.250-28 UNF-3A	.375 .365	.1875 .1900	.040	.2495 .2485	.100	.250 .244		.050 .030

FIRST DASH NO.	J DIA.	K X 45°	L	M MIN.	N	R RAD.	ULTIMATE TENSILE STRENGTH MIN. 6.	ULTIMATE SHEAR STRENGTH MIN. 6.
-06	.094 .089	.020 .010	SEE SHEETS 2 AND 3	.064	45°	.015 .005	1,030 LBS.	960 LBS.
-08	.121 .116	.020 .010		.077	45°	.020 .010	1,630 LBS.	1,420 LBS.
-10	.147 .142	.020 .010		.090	45°	.020 .010	2,420 LBS.	1,970 LBS.
-4	.202 .197	.020 .010		.120	45°	.020 .010	4,650 LBS.	3,590 LBS.

NOTES:

1. MATERIAL: A286 CRES PER AMS5731, AMS5737.
2. HEAT TREAT: 140,000 PSI MIN. TENSILE PER AMS5737.
3. FINISH: PASSIVATE PER QQ-P-35.
4. HEAD: DIMENSIONAL CONFIGURATION OF HEAD PER ANSIB18.3 AND FF-S-86, TYPE VI, UNKNURLED.
5. MARKING: THE PART OR CONTAINER SHALL BE MARKED WITH TRIDIAR NAME OR SYMBOL, TRIDIAR PART NUMBER (DASH NUMBERS ONLY ON PARTS) AND TRIDIAR CODE IDENTIFICATION NUMBER.
6. TENSILE AND SHEAR STRENGTHS ARE CALCULATED VALUES.
7. SCREW TO BE USED WITH A CA21062-()R, RETAINING RING TO CAPTIVATE TO PANEL. SCREW MAY ALSO BE USED WITH A CA21062-()()W WASHER OR CA21062-()()S SPACER AS AN ALTERNATIVE TO COUNTERBORING THE TOP PANEL OR SUB-STRUCTURE FOR THE RETAINING RING.
8. INSTALLATION: REFER TO CAL-STD-0140, SHEET 6.
9. PART CALLOUT EXAMPLE:

CA2207-08-2-11

- "L" LENGTH=.687
- "G" GRIP=.062
- #8-32 SIZE (.164-32 UNC-3A)
- BASIC PART NUMBER

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

REVISION	N/C	4-18-89	VJM	ECD-22251

DRAWN BY: V. MARINI	DATE 4-18-89	TITLE: CAPTIVE SCREW, HEX SOCKET HEAD, A-286 CRES, 140 K.S.I.
MFG. ENGRG.: J. KUHN	DATE 5-4-89	
APPROVED BY:	DATE 5/3/89	
APPROVED BY:	DATE	UNLESS OTHERWISE SPECIFIED: TOLERANCES: DECIMALS: .XX ±.02 .XXX ±.010 ANGLES: ±2° — MILLIMETERS ± 0.50 ± 0.25 — SURFACE FINISH 125 MICROINCHES
PROJECT NUMBER	89-103	

Tridair fasteners
REXNORD
SPECIALTY FASTENER DIVISION
3000 W. LOMITA BOULEVARD
TORRANCE, CA. 90505

CA2207-()-()-()

FSC: 29372 SHEET 1 OF 3

.138-32 SIZE FIRST DASH NO.-06

G GRIP .062	.094	.125	.156	.187	.218	.250	.281	.312	L 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

.164-32 SIZE FIRST DASH NO.-08

G GRIP .062	.094	.125	.156	.187	.218	.250	.281	.312	L LENGTH
-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

REVISION	N/C	4-18-89	VJM	ECO-22251

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

DRAWN BY: V.MARINI	DATE 4-18-89	TITLE: CAPTIVE SCREW, HEX SOCKET HEAD, A-286 CRES, 140 K.S.I.
MFG. ENGRG.: J. KUHN	DATE 5-4-89	
APPROVED BY:	DATE 5/3/89	
APPROVED BY:	DATE	UNLESS OTHERWISE SPECIFIED: TOLERANCES: DECIMALS: .XX ±.02 .XXX ±.010 ANGLES: ±2° MILLIMETERS ± 0.50 ± 0.25 SURFACE FINISH 125 MICROINCHES
PROJECT NUMBER	89-103	

Tridair fasteners
REXNORD
SPECIALTY FASTENER DIVISION
3000 W. LOMITA BOULEVARD
TORRANCE, CA. 90505

CA2207-()-()-()

FSC: 29372 SHEET 2 OF 3

.190-32 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
-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

.250-28 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
-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

REVISION	N/C	4-18-89	VJM	ECO-22251

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

DRAWN BY: V.MARINI	DATE 4-18-89	TITLE: CAPTIVE SCREW, HEX SOCKET HEAD, A-286 CRES, 140 K.S.I.
MFG. ENGRG.: J. KUHN	DATE 5-4-89	
APPROVED BY:	DATE 5/3/89	
APPROVED BY:	DATE	UNLESS OTHERWISE SPECIFIED: TOLERANCES: DECIMALS: .XX ±.02 .XXX ±.010 ANGLES: ±2° MILLIMETERS ± 0.50 ± 0.25 SURFACE FINISH 125 MICROINCHES
PROJECT NUMBER	89-103	

Tridair fasteners
REXNORD
SPECIALTY FASTENER DIVISION
3000 W. LOMITA BOULEVARD
TORRANCE, CA. 90505

CA2207-()-()-()

FSC: 29372 SHEET 3 OF 3