



FIRST DASH NO.	THREAD SIZE	A DIA. MIN.	B DIA.	C REF.	D DIA.	E MAX.	F REF.	G	H
-08	.1640-32 UNJC-3A	.290	.337 .328	.108	.1635 .1630	.100	.068	SEE SHEETS 2 THRU 5	.040
-10	.1900-32 UNJF-3A	.340	.385 .376	.120	.1895 .1890	.100	.080		.040
-4	.2500-28 UNJF-3A	.460	.507 .497	.146	.2495 .2490	.100	.106		.040

FIRST DASH NO.	J DIA.	K	L	O REF.	P DIA.	R RAD.	S MAX.	RECOMMENDED SEATING TORQUE (IN-LBS.)		ULTIMATE TENSILE STRENGTH MIN. Δ	ULTIMATE SHEAR STRENGTH MIN. Δ
								MIN.	MAX.		
-08	.121 .116	.020 .010	SEE SHEETS 2 THRU 5	.215	.2832 .2830	.020 .010	.078	22	33	1,420 LBS.	1,370 LBS.
-10	.147 .142	.020 .010		.248	.3272 .3270	.020 .010	.090	37	56	2,170 LBS.	1,910 LBS.
-4	.202 .197	.020 .010		.325	.4320 .4318	.020 .010	.118	93	141	4,300 LBS.	3,520 LBS.

NOTES:

1. MATERIAL: A-286 CRES PER AMS5731 OR AMS5737.
2. HEAT TREAT: 160,000 PSI MIN. UTS.
3. FINISH (SEE CODE, NOTE 14):
 - 3.1 STANDARD: PASSIVATE PER QQ-P-35.
 - 3.2 OPTIONAL: CADMIUM PLATE PER QQ-P-416 TYPE II, CL. 2.
- Δ PART MARKING: HEAD OF SCREW TO BE MARKED WITH TRIDAIR SYMBOL AND AND 1ST, 2ND, & 3RD DASH NUMBERS, MARKING TO BE DEPRESSED .010 MAX.
5. SHANK SHALL BE STRAIGHT WITHIN .004 PER INCH OF SCREW LENGTH.
6. CONCENTRICITY:
 - 6.1 CONICAL SURFACE OF HEAD TO "D" DIAMETER WITHIN .005 T.I.R.
 - 6.2 RECESS TO SHANK WITHIN .016 T.I.R.
- Δ TENSILE AND SHEAR STRENGTHS ARE CALCULATED VALUES.
8. RECESS GAGING PER MS33781.
9. REFER TO NAS518 AND NAS519 FOR FLUSHNESS GAGING DETAILS.
10. DIMENSIONS APPLY AFTER FINISH.
11. MAGNETIC PERMEABILITY SHALL BE LESS THAN 2.0 (AIR=1.0) FOR A FIELD STRENGTH OF H-200 OERSTEDS. MAGNETIC PERMAEBILITY INDICATOR PER MIL-I-17214.
12. PANEL PREPARATION AND INSTALLATION: REFER TO CAL-STD-0140, SHEET 6.

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

DRAWN BY: V. MARINI	DATE 7-22-89
MFG. ENGR. I: J. KUHN	DATE 8-9-89
APPROVED BY: <i>[Signature]</i>	DATE 8/7/89
APPROVED BY:	DATE
PROJECT NUMBER 89-139	

TITLE: SCREW, CAPTIVE, 100° HEAD, A-286 CRES, 160 KSI FTU		
UNLESS OTHERWISE SPECIFIED:	MILLIMETERS	SURFACE FINISH
TOLERANCES:	± 0.50	125 MICROINCHES
DECIMALS:	.XX ± 0.2	
	.XXX ± 0.10	
ANGLES:	± 0.25	
	± 0.25	

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

CA2208-[]-[]-[]

FSC: 29372 SHEET 1 OF 5

ECO-22604
 VJM
 7-20-89
 REVISION

L	G = .187		
	#8 SCREW DASH NO.	#10 SCREW DASH NO.	1/4 SCREW DASH NO.
.562	-08-6-9		
.625	-08-6-10	-10-6-10	
.687	-08-6-11	-10-6-11	-4-6-11
.750	-08-6-12	-10-6-12	-4-6-12
.812	-08-6-13	-10-6-13	-4-6-13
.875	-08-6-14	-10-6-14	-4-6-14
.937	-08-6-15	-10-6-15	-4-6-15
1.000	-08-6-16	-10-6-16	-4-6-16
1.062	-08-6-17	-10-6-17	-4-6-17
1.125	-08-6-18	-10-6-18	-4-6-18
1.187	-08-6-19	-10-6-19	-4-6-19
1.250	-08-6-20	-10-6-20	-4-6-20
1.312	-08-6-21	-10-6-21	-4-6-21
1.375	-08-6-22	-10-6-22	-4-6-22
1.437	-08-6-23	-10-6-23	-4-6-23
1.500	-08-6-24	-10-6-24	-4-6-24
1.562	-08-6-25	-10-6-25	-4-6-25
1.625	-08-6-26	-10-6-26	-4-6-26
1.687	-08-6-27	-10-6-27	-4-6-27
1.750	-08-6-28	-10-6-28	-4-6-28

L	G = .218		
	#8 SCREW DASH NO.	#10 SCREW DASH NO.	1/4 SCREW DASH NO.
.625	-08-7-10	-10-7-10	
.687	-08-7-11	-10-7-11	
.750	-08-7-12	-10-7-12	-4-7-12
.812	-08-7-13	-10-7-13	-4-7-13
.875	-08-7-14	-10-7-14	-4-7-14
.937	-08-7-15	-10-7-15	-4-7-15
1.000	-08-7-16	-10-7-16	-4-7-16
1.062	-08-7-17	-10-7-17	-4-7-17
1.125	-08-7-18	-10-7-18	-4-7-18
1.187	-08-7-19	-10-7-19	-4-7-19
1.250	-08-7-20	-10-7-20	-4-7-20
1.312	-08-7-21	-10-7-21	-4-7-21
1.375	-08-7-22	-10-7-22	-4-7-22
1.437	-08-7-23	-10-7-23	-4-7-23
1.500	-08-7-24	-10-7-24	-4-7-24
1.562	-08-7-25	-10-7-25	-4-7-25
1.625	-08-7-26	-10-7-26	-4-7-26
1.687	-08-7-27	-10-7-27	-4-7-27
1.750	-08-7-28	-10-7-28	-4-7-28

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

REVISION

DRAWN BY: V. MARINI	DATE 8-2-89
MFG. ENGRG.: J. KUHN	DATE 8-5-89
APPROVED BY: <i>[Signature]</i>	DATE 8/7/89
APPROVED BY:	DATE
PROJECT NUMBER	89-139

TITLE:
SCREW, CAPTIVE, 100° HEAD,
A-286 CRES, 160 KSI FTU

UNLESS OTHERWISE SPECIFIED:
TOLERANCES:
DECIMALS: .XX ± .02
.XXX ± .010
ANGLES: 22°

MILLIMETERS
± 0.50
± 0.25

SURFACE FINISH
125 MICROINCHES

Tridair fasteners
 REKNORD
 SPECIALTY FASTENER DIVISION
 3000 W. LOWITA BOULEVARD
 TORRANCE, CA. 90505

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FSC: 29372 SHEET 3 OF 5

L	G = .250		
	#8 SCREW DASH NO.	#10 SCREW DASH NO.	1/4 SCREW DASH NO.
.625	-08-8-10		
.687	-08-8-11	-10-8-11	
.750	-08-8-12	-10-8-12	-4-8-12
.812	-08-8-13	-10-8-13	-4-8-13
.875	-08-8-14	-10-8-14	-4-8-14
.937	-08-8-15	-10-8-15	-4-8-15
1.000	-08-8-16	-10-8-16	-4-8-16
1.062	-08-8-17	-10-8-17	-4-8-17
1.125	-08-8-18	-10-8-18	-4-8-18
1.187	-08-8-19	-10-8-19	-4-8-19
1.250	-08-8-20	-10-8-20	-4-8-20
1.312	-08-8-21	-10-8-21	-4-8-21
1.375	-08-8-22	-10-8-22	-4-8-22
1.437	-08-8-23	-10-8-23	-4-8-23
1.500	-08-8-24	-10-8-24	-4-8-24
1.562	-08-8-25	-10-8-25	-4-8-25
1.625	-08-8-26	-10-8-26	-4-8-26
1.687	-08-8-27	-10-8-27	-4-8-27
1.750	-08-8-28	-10-8-28	-4-8-28

L	G = .281		
	#8 SCREW DASH NO.	#10 SCREW DASH NO.	1/4 SCREW DASH NO.
.687	-08-9-11	-10-9-11	
.750	-08-9-12	-10-9-12	
.812	-08-9-13	-10-9-13	-4-9-13
.875	-08-9-14	-10-9-14	-4-9-14
.937	-08-9-15	-10-9-15	-4-9-15
1.000	-08-9-16	-10-9-16	-4-9-16
1.062	-08-9-17	-10-9-17	-4-9-17
1.125	-08-9-18	-10-9-18	-4-9-18
1.187	-08-9-19	-10-9-19	-4-9-19
1.250	-08-9-20	-10-9-20	-4-9-20
1.312	-08-9-21	-10-9-21	-4-9-21
1.375	-08-9-22	-10-9-22	-4-9-22
1.437	-08-9-23	-10-9-23	-4-9-23
1.500	-08-9-24	-10-9-24	-4-9-24
1.562	-08-9-25	-10-9-25	-4-9-25
1.625	-08-9-26	-10-9-26	-4-9-26
1.687	-08-9-27	-10-9-27	-4-9-27
1.750	-08-9-28	-10-9-28	-4-9-28

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

REVISION 1

DRAWN BY: V. MARINI	DATE 8-2-89
MFG. ENGRG.: J. KUHN	DATE 8-8-89
APPROVED BY: <i>[Signature]</i>	DATE 8/7/89
APPROVED BY:	DATE
PROJECT NUMBER 89-139	

TITLE:
SCREW, CAPTIVE, 100° HEAD,
A-286 CRES, 160 KSI FTU

UNLESS OTHERWISE SPECIFIED:
TOLERANCES:
DECIMALS: .XX ±.02
 .XXX ±.010
ANGLES: 32°

MILLIMETERS
 ± 0.50
 * 0.25

SURFACE FINISH
125 MICROINCHES

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

CA2208-[]-[]-[]

FSC: 29372 SHEET 4 OF 5

L	G = .312		
	#8 SCREW DASH NO.	#10 SCREW DASH NO.	1/4 SCREW DASH NO.
.687	-08-10-11		
.750	-08-10-12	-10-10-12	
.812	-08-10-13	-10-10-13	-4-10-13
.875	-08-10-14	-10-10-14	-4-10-14
.937	-08-10-15	-10-10-15	-4-10-15
1.000	-08-10-16	-10-10-16	-4-10-16
1.062	-08-10-17	-10-10-17	-4-10-17
1.125	-08-10-18	-10-10-18	-4-10-18
1.187	-08-10-19	-10-10-19	-4-10-19
1.250	-08-10-20	-10-10-20	-4-10-20
1.312	-08-10-21	-10-10-21	-4-10-21
1.375	-08-10-22	-10-10-22	-4-10-22
1.437	-08-10-23	-10-10-23	-4-10-23
1.500	-08-10-24	-10-10-24	-4-10-24
1.562	-08-10-25	-10-10-25	-4-10-25
1.625	-08-10-26	-10-10-26	-4-10-26
1.687	-08-10-27	-10-10-27	-4-10-27
1.750	-08-10-28	-10-10-28	-4-10-28

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REVISION -

DRAWN BY: V. MARINI	DATE 8-2-89
MFG. ENGRG.: J. KUHN	DATE 8-8-89
APPROVED BY: <i>[Signature]</i>	DATE 8/7/89
APPROVED BY:	DATE
PROJECT NUMBER 89-139	

TITLE:
SCREW, CAPTIVE, 100° HEAD,
A-286 CRES, 160 KSI FTU

UNLESS OTHERWISE SPECIFIED:
TOLERANCES:
DECIMALS: .XX ±.02
.XXX ±.010
ANGLES: ±2°

MILLIMETERS
± 0.50
± 0.25

SURFACE FINISH
125 MICROINCHES

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

CA2208-[J]-[J]-[J]

FSC: 29372 SHEET 5 OF 5