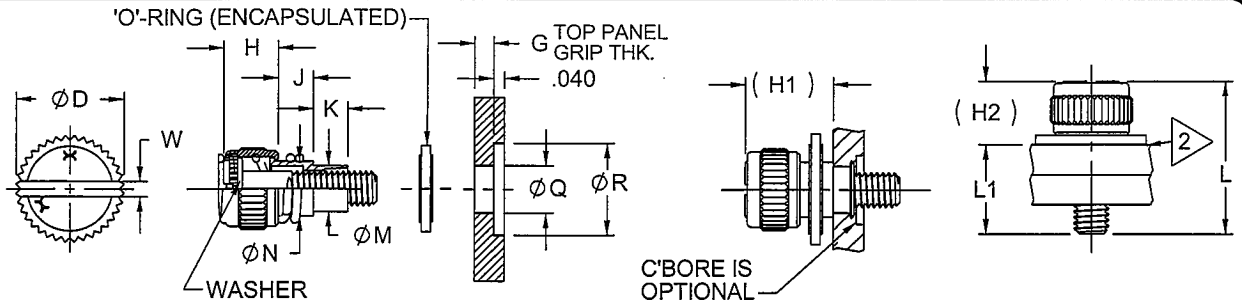


REV C
S-1298
DRAWING NO.



SCREW ASSEMBLY BEFORE MOUNTING PANEL PREPARATION

SCREW ASSEMBLY AFTER MOUNTING

THREAD SIZE CODE	Ø D	H	(H1)	(H2)	J	Ø M ±.005	Ø N	Ø Q +.004 -0.001	Ø R	W
4	.325	.269	.454	.339	.183	.177	.206	.187	.312	.040
6	.356					.202	.241	.213	.332	.044
8	.420	.284	.481	.351	.191	.215	.258	.228	.348	.049
10	.451		.484	.354		.250	.297	.257	.375	.055
12	.531	.304	.524	.374	.208	.313	.371	.323	.437	.062

GRIP CODE	1	2	3	4	5	6
A						
B						
C						
D						
E						
F						

AVAILABLE ASSEMBLIES
ASSEMBLIES NOT AVAILABLE

PART NUMBER CALLOUT

FOZ 7500 -()-()-()

LENGTH CODE	4		6		8		10		12	
	L +.025 -0.015	L1	L +.025 -0.015	L1	L +.025 -0.015	L1	L +.025 -0.015	L1	L +.025 -0.015	L1
1	.576	.237	.587	.248	.622	.271	.644	.290	.682	.308
2	.639	.300	.650	.311	.685	.334	.707	.353	.745	.371
3	.764	.425	.775	.436	.810	.459	.832	.478	.870	.496
4	.889	.550	.900	.561	.935	.584	.957	.603	.995	.621
5	1.014	.675	1.025	.686	1.060	.709	1.082	.728	1.120	.746
6	1.139	.800	1.150	.811	1.185	.834	1.207	.853	1.245	.871

MODEL
SERIES

GRIP CODE	G (TOP PANEL GRIP THICKNESS)	K ±.005
A	.031-.062	.125
B	.063-.125	.187
C	.126-.187	.250
D	.188-.250	.312
E	.251-.312	.375
F	.313-.375	.437

MATERIAL

STUD: 302 CRES PER ASTM-A-493 OR AMS 5636
 KNOB & SLEEVE: 6061 ALUMINUM ALLOY PER AMS-QQ-A-225/8, OR AMS 4117, OR EQUIVALENT
 SPRING: 302 CRES PER ASTM-A313 OR AMS 5688
 WASHER: 301 CRES PER ASTM-A-666 OR AMS 5519
 O-RING: RETAINER: 7075 ALUM PER AMS 4122 OR AMS-QQ-A-250
 SEAL: SYNTHETIC RUBBER PER SAE AMS R 6855, CLASS 1

FINISH

SPRING: PASSIVATE PER AMS QQ-P-35
 WASHER: PASSIVATE PER AMS QQ-P-35 OR BLACK OXIDE PER MIL-C-13924, CLASS 4
 STUD: BLACK OXIDE PER MIL-C-13924, CLASS 4
 KNOB: BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2
 SLEEVE: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1
 O-RING HOUSING: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1
 O-RING SEAL: NONE

NOTES:

- 1 FOR LONGER LENGTHS, ADD .125 INCREMENTS PER LENGTH CODE
- 2 DUE TO ACCUMULATIVE TOLERANCE, A GAP OF .035 MAX IS PERMISSIBLE.

INSTALLATION TOOLS: () INDICATES THREAD SIZE CODE
 ARBOR PRESS TOOL HW7600-() NOSE PIECE HN7513-()
 PULLER HP7523-() HANDLE ASSEMBLY TA7533

COMPLETE HAND TOOL ASS'Y:
 H8603-() (INCLUDES NOSE PIECE, PULLER & HANDLE)

THREAD SIZE CODE	THREAD SIZE PER ASME B1.1	LEAD
4	.112-40 UNC-3A	SINGLE
6	.138-32 UNC-3A	
8	.164-32 UNC-3A	
10	.190-32 UNF-3A	
12	.250-28 UNF-3A	

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 www.alcoafasteners.com

TITLE

TURN-LOC, LOW PROFILE, ENCAPSULATED 'O'-RING

C	DCN 6269	02-29-08
REV	DESCRIPTION/EC NO.	DATE
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES		
TOLERANCE UNLESS OTHERWISE NOTED: X = ±.05 ANGLES ±0.5° XX = ±.02 XXX = ±.015		

DATE	08/15/2005	PART NUMBER	FOZ7500
DRAWN	JLS	DRAWING NO.	S-1298
CHECK	[Signature]	CAGE CODE	0HDW7
APPROVE		REV	C
SCALE: 1:1		SHEET 1 OF 1	