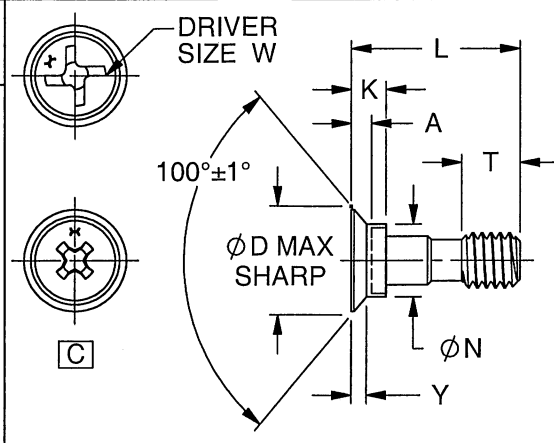
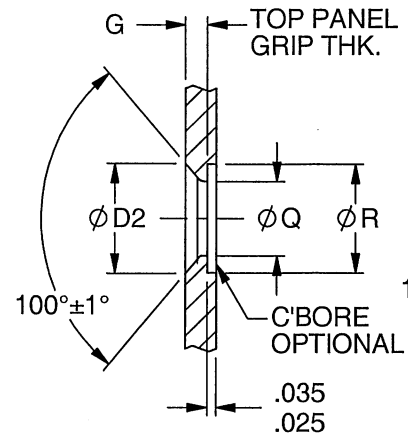


ORIGINAL
 Rep ink indicates
 Original Copy

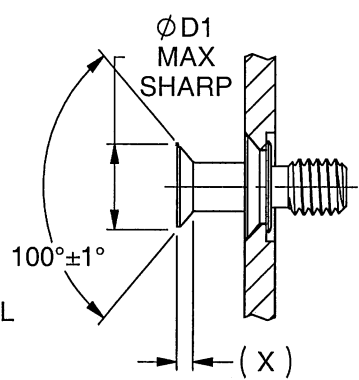
REV **T**
S-0458
 DRAWING NO.



ASSEMBLY BEFORE MOUNTING

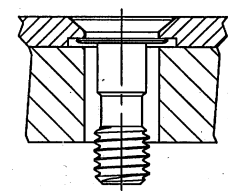


PANEL PREPARATION



ASSEMBLY AFTER MOUNTING

THREAD SIZE CODE	Ø D	Ø D1	Ø D2 +.010 -.000	Ø N ±.005	Ø Q +.004 -.001	Ø R +.020 -.000	Ø T SEE TABLE	(X)	Y	DRIVER SIZE				
										C	W			
4	.317	.231	.323	.178	.187	.312	.175	.057	.057	1	5			
6												.202	.213	.323
8										.335	.257	.340	.215	.228
10	.375	.300	.380	.250	.257	.375	.055	.052						
12	.400	.312	.409	.313	.323	.437	.375	.038	.040					



ASSEMBLY AFTER MOUNTING

PART NUMBER CALLOUT

DLC () 7900 - () - () - ()

MODEL

SERIES

LENGTH CODE	L	LENGTH CODE	L	LENGTH CODE	L
1	.400	8	.610	14	.790
2	.430	9	.640	15	.820
3	.460	10	.670	16	.850
4	.490	11	.700	17	.880
5	.520	12	.730	18	.910
6	.550	13	.760	19	.940
7	.580				

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	

GRIP CODE	G (TOP PANEL GRIP THICKNESS)	A ±.005	K ±.005
A	.075-.089	.075	.120
B	.090-.125	.087	.147
C	.126-.187	.095	.210
D	.188-.250	.157	.272
E	.251-.312	.220	.335

RECESS CODE	DRIVING RECESS AND SPECIFICATION
NONE	RECESS PER NASM 33781
C	CROSS RECESS PER NASM 9006

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T	DCN 4170	04-06-06
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


Alcoa Fastening Systems
 AEROSPACE FASTENER DIVISION
 3724 EAST COLUMBIA STREET
 TUCSON, ARIZONA 85714
 PHONE 520 519-7400
 FAX 520 519-7427
 www.alcoafasteners.com

TITLE	
CAPTIVE SCREW, 100° FLUSH, ALL SIZES	
DATE 09/23/2004	PART NUMBER DLC7900
DRAWN JLS	DRAWING NO. S-0458
CHECK	CAGE CODE OHDW7
APPROVE	REV T
SCALE: 1.5:1 SHEET 1 OF 2	

REV T

S-0458

DRAWING NO.

ORIGINAL
Produkt Industries
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PART	PART NUMBER	RECESS CODE	MATERIAL	FINISH
STUD	DLC	NONE	302 CRES PER AMS 5636 OR ASTM-A-493	CAD PLATE PER AMS QQ-P-416, TYPE II, CLASS 2 (YELLOW)
		C		CAD PLATE PER AMS QQ-P-416, TYPE I, CLASS 2 (CLEAR)
SLEEVE	DLC	NONE	304 CRES PER AMS 5639 OR QQ-S-763	CAD PLATE PER AMS QQ-P-416, TYPE II, CLASS 2 (YELLOW)
		C		CAD PLATE PER AMS QQ-P-416, TYPE I, CLASS 2 (CLEAR)

NOTES:

- 1 DL AT THE END OF PART NUMBER DESIGNATES SPECIAL ASSEMBLIES WITH DRI-FILM LUBRICATED THREADS PER MIL-PRF-46010.
- 2 LENGTH CODES 13 THRU 19 WERE OMITTED FROM THE AVAILABILITY TABLE BUT THEY ARE AVAILABLE.

GRIP CODE	THREAD AVAILABILITY TABLE - SIZE 12 ONLY ("T" UNLESS OTHERWISE INDICATED BELOW)											
	LENGTH CODE											
	1	2	3	4	5	6	7	8	9	10	11	12
A	.240	.270	.300	.330	.360							
B	.210	.240	.270	.300	.330	.360						
C	O	O	.210	.240	.270	.300	.330	.360				
D	O	O	O	O	.210	.240	.270	.300	.330	.360		
E	O	O	O	O	O	O	.210	.240	.270	.300	.330	.360



ASSEMBLIES NOT AVAILABLE



ASSEMBLIES AVAILABLE WITH FULL THREAD LENGTH " T "
(THREAD SIZES 4 THRU 10 HAVE FULL THREAD LENGTH " T "
AVAILABLE FOR ALL GRIP CODES AND LENGTH CODES)

INSTALLATION TOOLS: () INDICATES THREAD SIZE CODE

ARBOR PRESS TOOL: HW7600-()
NOSE PIECE: HN7513-()
PULLER: HP7523-()
HANDLE: TA7533

COMPLETE HAND TOOL ASSEMBLY:
H8603-() (INCLUDES NOSE PIECE,
PULLER & HANDLE)

T	DCN 4170	04-06-06	ALCOA		Alcoa Fastening Systems		TITLE	
REV	DESCRIPTION/EC NO.	DATE	AEROSPACE FASTENER DIVISION		3724 EAST COLUMBIA STREET		CAPTIVE SCREW, 100° FLUSH, ALL SIZES	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES			TUCSON, ARIZONA 85714		PHONE 520 519-7400		DATE	PART NUMBER
TOLERANCE UNLESS OTHERWISE NOTED:			www.alcoafasteners.com		FAX 520 519-7427		09/23/2004	DLC7900
.X = ±.05 ANGLES ±0.5°							DRAWN	DRAWING NO.
.XX = ±.02							JLS	S-0458
.XXX = ±.015							CHECK	CAGE CODE
							APPROVE	OHDW7
							SCALE: 1:1	REV T
							SHEET 2 OF 2	