

ORIGINAL
 Red Ink Indicates
 Original Copy

REV **R**
S-1860

DRAWING NO.

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THREAD LENGTH AVAILABILITY TABLE																		
GRIP CODE	4, 4F, 6, 6F						8, 8F, 10, 10C, 10F						12, 12C, 12F					
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
A	.140						.140						.140	.265				
B								.203						.203				
C		.140						.140							.265			
D									.203						.203			
E			.140						.140								.265	
F										.203							.203	

ASSEMBLIES NOT AVAILABLE

PART	PART NUMBER	MAT'L CODE	THREAD SIZE	MATERIAL	FINISH
STUD	FDC	NONE	4 & 6	4037 ALLOY STEEL PER AMS 6300 OR 8740 ALLOY STEEL PER AMS 6322, HEAT TREAT TO HRC 34-38	CAD PLATE PER AMS QQ-P-416, TYPE I, CLASS 2
	FDCE				BLACK OXIDE PER MIL-C-13924, CLASS 1
	FDC	L	8, 10, 12	302 CRES PER AMS 5636 OR ASTM-A-493	PASSIVATE PER AMS QQ-P-35
	FDCE				BLACK OXIDE PER MIL-C-13924, CLASS 4
	FDC	L	ALL SIZES	A-286 CRES PER AMS 5732, 5737, HEAT TREAT TO 160 KSI ULTIMATE TENSILE STRENGTH	PASSIVATE PER AMS QQ-P-35
	FDCE				BLACK OXIDE PER MIL-C-13924, CLASS 3
SLEEVE	FDC	NONE	4 & 6	COMMERCIAL BRASS PER AMS 4610, ASTM B 16/B 16M, OR EQUIVALENT	CAD PLATE PER AMS QQ-P-416, TYPE I, CLASS 2
	FDCE				BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2 COPPER STRIKE (EBONAL "C")
	FDC	L	8, 10, 12	6061 ALUMINUM ALLOY PER AMS 4117, AMS QQ-A-225/8, OR EQUIVALENT	ANODIZE PER MIL-A-8625, TYPE II, CLASS 1
	FDCE				BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2
	FDC	L	ALL SIZES	304 CRES PER AMS 5639 OR AMS-QQ-S-763 OR EQUIVALENT	PASSIVATE PER AMS QQ-P-35
	FDCE				BLACK OXIDE PER MIL-C-13924, CLASS 4

NOTES:

- 1) LETTERS AT THE END OF PART NUMBER DESIGNATE SPECIAL ASSEMBLIES:
 DL - ASSEMBLIES WITH DRI LUBE THREADS PER MIL-PRF-46010
 PL - ASSEMBLIES WITH PATCH LOCK PER MIL-DTL-18240
- 2) .335 FOR SIZE 12.
- 3) NO CODE REQUIRED FOR SLOTTED HEADS.
- 4) FOR LONGER LENGTHS "L", ADD .125 INCREMENTS PER LENGTH CODE.
- 5) SEE APPROPRIATE THREAD LENGTH AVAILABILITY TABLE FOR "T" DIMENSION.
- 6) HAND TOOL IS NOT RECOMMENDED FOR USE ON THREAD SIZES 4, 4F, 6, 6F.

INSTALLATION TOOLS: () INDICATES THREAD SIZE CODE

ARBOR PRESS TOOL HW7600-(), NOSE PIECE HN7513-(), PULLER HP7523-(), HANDLE ASSEMBLY TA7533
 COMPLETE HANDLE TOOL ASSEMBLY: H8603-() INCLUDES NOSE PIECE, PULLER & HANDLE

R	DCN 7495	03-10-09	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, INTERNAL FLOATING, OPT HEAD, OPT RECESS, FIXED THREAD LENGTH	
REV	DESCRIPTION/EC NO.	DATE		DATE 02-24-05 DRAWN JLS CHECK I. SANTOS APPROVE J. HEIN	PART NUMBER FDC()7900 DRAWING NO. S-1860 CAGE CODE 0HDW7

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES
 TOLERANCE UNLESS OTHERWISE NOTED:
 X = ±.05 ANGLES ±0.5°
 XX = ±.02
 XXX = ±.015