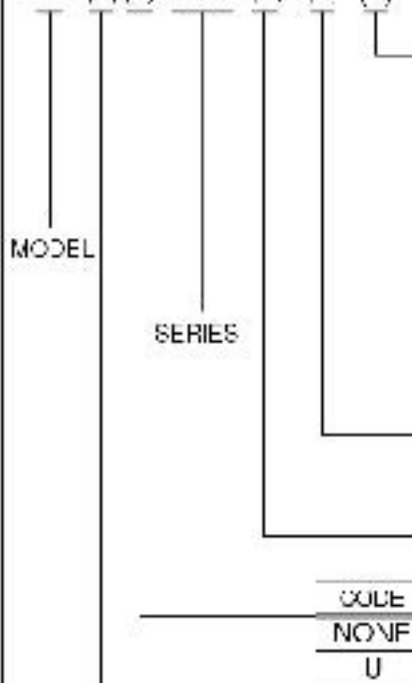


THREAD SIZE CODE	ØD	F ±.005	F	H	H1	(H2)	(H3)	J	ØM ±.005	ØN ±.010	ØQ +.004 -.001	ØR +.020 -.000	ØS ±.010	T	ØU +.004 -.001	V ±.005	W	Z
4	.212	.025	.050	.080	.088	1.020	.525	.365	.175	.209	.250	.390	.309		.185	.016	1	.040
6	.265	.031	.062	.097	.082	1.020	.525	.360	.202	.250	.272	.406	.335		.209	.016	2	.044
8	.314	.040	.080	.115	.096	1.060	.565	.345	.215	.300	.281	.468	.385		.223	.025	2	.049
10	.365	.047	.094	.133	.110	1.060	.575	.345	.250	.312	.316	.500	.415		.257	.025	2	.055
12	.482	.062	.124	.175	.144	1.109	.722	.435	.316	.437	.382	.566	.495		.323	.025	3	.062

PART NUMBER CALLOUT

FS () () 7900 () () () ()



LENGTH CODE	L		L1 1.020	LENGTH CODE	L		L ±.020
	4, 6, 8, 10	12			4, 6, 8, 10	12	
3	.750	.871	.320	6	1.125	1.246	.695
3.5	.812	.933	.382	6.5	1.187	1.308	.757
4	.875	.996	.445	7	1.250	1.371	.820
4.5	.937	1.058	.507	7.5	1.312	1.433	.882
5	1.000	1.121	.570	8	1.375	1.496	.945
5.5	1.062	1.183	.632	8.5	1.437	1.558	1.007

CODE	FINISH
NONF	BLACK OXIDE
U	PASSIVATE

GRIP CODE	G (TOP PANEL GRIP THICKNESS)		K ±.005
	ØQ	ØR	
BB	.020-.031	.115	
B	.032-.063	.147	
C	.064-.125	.210	
D	.126-.187	.272	
E	.188-.250	.335	

THREAD SIZE CODE	THREAD SIZE PER ASME B1.1	LEAD
4	.112 40 UNC 2A	SINGLE
6	.138-32 UNC-2A	
8	.164-32 UNC-2A	
10	.190-32 UNF-2A	
12	.250-28 UNF-2A	

RECESS CODE	DRIVING RECESS AND SPECIFICATION
C	CROSS RECESS PER NASM 9006
D	SLOT RECESS PER ANSI B18.6.3

F	PER DCN 12954, CHANGED FROM Alcoa Fastening Systems AND AFS TO Alcoa Fastening Systems & Rings AND AFSR	TOLERANCE UNLESS OTHERWISE NOTED X = +.00 XX = +.02 XXX = +.015 UNLESS NOTED	DESIGNED BY	J. SCHLOSSER	
	ISSUED		11/29/2005	CHECKED BY	SIGNATURE ON FILE
	REVISION		3/31/2015	FS () () 7900 S-3396	
PAGE	1 OF 2	CAPTIVE SCREW, OPTIONAL RECESS, SPRING LOADED, ALL CRETS, FULLY RETRACTABLE			

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THREAD LENGTH AVAILABILITY TABLES

GRIP CODE	SIZE 4						
	3	3.5	4	4.5	5	5.5	6
BB	.161						
B	.128	.191					.203
C		.128	.191				
D			.128	.191			
E				.128	.191		

GRIP CODE	SIZE 6						
	3	3.5	4	4.5	5	5.5	6
BB	.149						
B	.117	.179					.203
C		.117	.179				
D			.117	.179			
E				.117	.179		

GRIP CODE	SIZE 8						
	3	3.5	4	4.5	5	5.5	6
BB	.135	.197					
B	.103	.165	.228				.250
C		.103	.165	.228			
D			.103	.165	.228		
E				.103	.165	.228	

GRIP CODE	SIZE 10						
	3	3.5	4	4.5	5	5.5	6
BB	.121	.183					
B		.151	.213				.250
C			.151	.213			
D				.151	.213		
E					.151	.213	

GRIP CODE	SIZE 12						
	3	3.5	4	4.5	5	5.5	6
BB	.107	.260					
B	.165	.228					.281
C		.165	.228				
D			.165	.228			
E				.165	.228		

ASSEMBLIES NOT AVAILABLE

* LENGTH CODES NOT SHOWN ARE AVAILABLE WITH THE LONGER TH-3 LENGTH PER APPLICABLE TABLE

INSTALLATION TOOLS:
() = THREAD SIZE CODE

- ③ EXTENSION DT257EN
ARBOR PRESS TOOL HW7500-()
NOSE PIECE HN7513 ()
PULLER HP7523-()
- ② HANDLE ASS'Y TA7533

MATERIAL

- STUD:
302 CRES PER ASTM-A-493, AMS 5636
- LOCKWASHER:
300 SERIES CRES PER AMS 5519 OR EQUIV.
- SLEEVE:
304 CRES PER AMS-QQ-S-763, AMS 5639
- SPRING:
302 CRES PER ASTM-A-313, AMS 5688
- FLAT WASHERS:
300 SERIES CRES PER AMS 5519 OR EQUIV.

FINISH

- FSCU 7900 & FSDU 7900:
PASSIVATE PER AMS2700
- FSC 7900 & FSD 7900:
SPRING:
PASSIVATE PER AMS2700
- ALL OTHER COMPONENTS:
BLACK OXIDE PER MIL-DTL-13921, CLASS 4.

NOTES:

- ① SEE APPROPRIATE THREAD LENGTH AVAILABILITY TABLE FOR "T" DIMENSION
- ② DO NOT USE HAND TOOL ON 4 & 6 THREAD SIZE CODES.
- ③ FOR LONGER STUD/SHORT SLEEVE COMBINATIONS, EXTENSION DT257EN IS RECOMMENDED WITH HAND TOOL
- ④ THIS ASSEMBLY HAS .030 RADIAL FLOAT

F	PER DGN 12954, CHANGED FROM Alcoa Fastening Systems AND AFS TO Alcoa Fastening Systems & Rings AND AFSR.	TOLERANCE UNLESS OTHERWISE NOTED: X = ±.03 XX = ±.02 XXX = ±.015 ANGLES 10.5°	DRAWN BY	J. SCHLOBOHM
	ISSUE		11/29/2005	CHECKED BY
	REVISION	3/31/2015	FS() ()7900 S-3396	
	PAGE	2 OF 2		
CAPTIVE SCREW, OPTIONAL RECESS, SPRING LOADED, ALL CRES, FULLY RETRACTABLE				

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