

NOTICE OF INACTIVE  
FOR NEW DESIGN

INCH-POUND

MS17814C  
NOTICE 1  
20 October 2006

## MS STANDARD

### COUPLING, FRANGIBLE, AVIATION GROUD LIGHTS

MS17814C is inactive for new design and is no longer used, except for replacement purposes.

The Qualified Products List (QPL) associated with this inactive for new design MS standard will be maintained until acquisition of the product is no longer required, whereupon the MS standard and QPL will be canceled.

Custodians:  
Navy – AS  
Air Force – 99

Preparing activity:  
DLA – IS

(Project 6210-2006-015)

Review activity:  
Air Force – 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil/>.

AMSC N/A

FSC 6210

INCH-POUND  
MS17814C  
AMENDMENT 1  
21 MAY 2002

MILITARY STANDARD

COUPLING, FRANGIBLE, AVIATION GROUND LIGHTS

This amendment forms a part of MS17814C dated 9 March 1972 and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Delete: MATERIAL: ALUMINUM ALLOY, QQ-A-591, COMPOSITION A-13  
ALTERNATE MATERIAL, QQ-A-591, COMPOSITION A-380

Substitute: MATERIAL: ALUMINUM ALLOY, ASTM B85 OR SAE J452, COMPOSITION A413.0  
ALTERNATE MATERIAL, ASTM B85, SAE AMS4291 OR SAE J452,  
COMPOSITION A380.0

Custodians:  
Navy- AS  
Air Force- 99

Preparing Activity  
DLA-IS

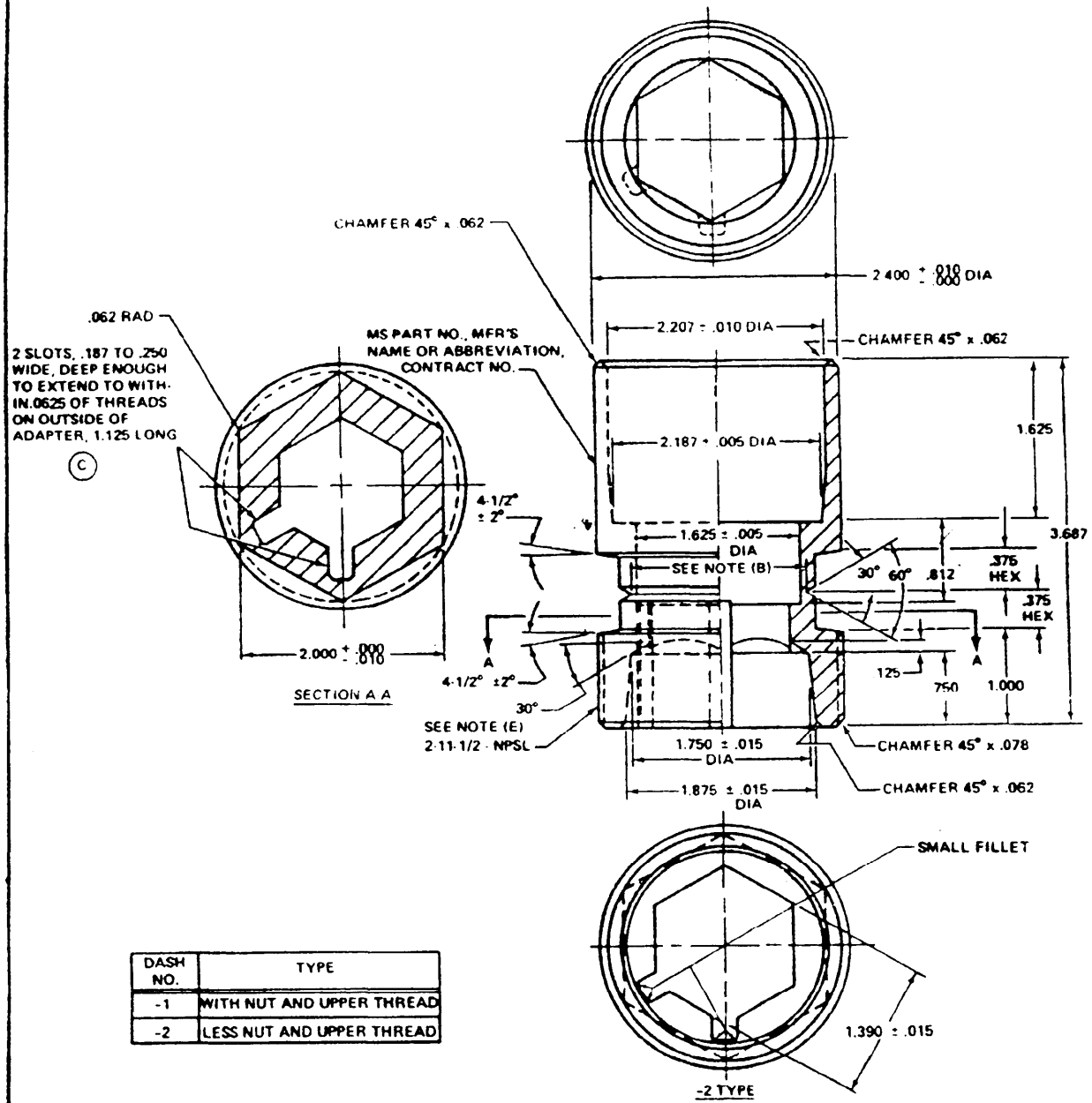
(Project 6210-1074)

Review Activity:  
Air Force- 71

AMSC N/A

FSC 6210

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DASH NO.	TYPE
-1	WITH NUT AND UPPER THREAD
-2	LESS NUT AND UPPER THREAD

- (A) 2.207 + .010, - .000 IS TO PROVIDE SLIP FIT FOR STANDARD 2 (NOMINAL) ELECTRICAL MECHANICAL TUBING (EMT) WITH 2.192 MINIMUM AND 2.202 MAXIMUM OUTSIDE DIAMETER. (SHEET 1 ONLY)
- (B) DEPTH OF CUT SHALL BE ADJUSTED SO THAT IT WILL STAND AN IMPACT LOAD OF 20 FT. LBS. APPLIED 12 IN. FROM THE CUT AND BREAK AT 30 FT. LBS. OR LESS. NOTCH DESIGN OPTIONAL PROVIDED ALL REQUIREMENTS ARE MET
- (C) MINIMUM DRAFT TO BE USED TO OBTAIN MAXIMUM WALL THICKNESS
- (D) NUT TO BE ALUMINUM ALLOY, QQ-A 591, COMPOSITION A-13, THREAD 2.406 DIA, 16 THREADS PER INCH CLASS 1 THREADS WITH THE AMOUNT OF CLEARANCE ON NUT TO BE DETERMINED BY THE MAKER. FURNISH ONE NUT WITH EACH -1 CASTING OR AS SPECIFIED ON ORDER. OTHER DETAILS SIMILAR TO NUT USED ON STANDARD 2 EMT WATERTIGHT FITTING. FURNISH COMPRESSION RING WITH EACH NUT. ANY METHOD OF CASTING MAY BE USED PROVIDED THE TOLERANCES ARE HELD.
- (E) THREAD DIMENSIONS AND DESIGNATIONS SHALL BE INTERPRETED IN ACCORDANCE WITH HANDBOOK H28, TABLE VII 7. REMOVE ALL BURRS AND CASTING RIDGES.

MATERIAL: ALUMINUM ALLOY, QQ-A-591, COMPOSITION A-13.  
ALTERNATE MATERIAL, QQ-A-591, COMPOSITION A-380.

(C) FOR CHANGES SEE SHEETS 1 AND 2

- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .010, ANGLES ± 1°.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

APPROVED 21 MAR 62 REVISED (A) 4 MAR 63 (B) 15 JUL 69 (C) 9 JUN 1972

P.A. USAF-82 Other Cast NAVY-AS	TITLE COUPLING, FRANGIBLE, AVIATION GROUND LIGHTS	MILITARY STANDARD <b>MS17814</b>
PROCUREMENT SPECIFICATION MIL-8-8954	SUPERSEDES: AF DWG 4987050, MS17813(WEP)	SHEET 1 OF 2

User Activities:

Files:

Review:

This standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.