

MIL-H-1237C
AMENDMENT - 2
20 October 1967

SUPERSEDING 1/
Amendment - 1
20 February 1967

MILITARY SPECIFICATION

HINGES, BUTT (FOR SHIPBOARD USE)

This amendment forms a part of Military Specification MIL-H-1237C, dated 26 March 1962, and is mandatory for use by all Departments and Agencies of the Department of Defense.

Page 1, Section 2: Delete and substitute:

"2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of the specification to the extent specified herein.

SPECIFICATIONS

FEDERAL

FF-S-85 - Screw, Cap, Slotted and Hexagon Head.

QQ-A-225/8 - Aluminum Alloy Bar, Rod, Wire and Special Shapes; Rolled, Drawn, or Cold Finished, **6061**.

QQ-B-637 - Brass, Naval: Rod, Wire, Shapes, Forgings, and Flat Products with Finished Edges (Bar, Flat Wire and Strip).

1/CHANGES FROM PREVIOUS ISSUE. THE OUTSIDE MARGINS OF THIS DOCUMENT HAVE BEEN MARKED "#" TO INDICATE WHERE CHANGES (DELETIONS, ADDITIONS, ETC.) FROM THE PREVIOUS ISSUE HAVE BEEN MADE. THIS HAS BEEN DONE AS A CONVENIENCE ONLY AND THE GOVERNMENT ASSUMES NO LIABILITY WHATSOEVER FOR ANY INACCURACIES IN THESE NOTATIONS. BIDDERS AND CONTRACTORS ARE CAUTIONED TO EVALUATE THE REQUIREMENTS OF THIS DOCUMENT BASED ON THE ENTIRE CONTENT AS WRITTEN IRRESPECTIVE OF THE MARGINAL NOTATIONS AND RELATIONSHIP TO THE LAST PREVIOUS ISSUE.

FSC 534C

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MILITARY

MIL-H-22173 - Hardware, Builders, Packaging and Packing of.

(Copies of specifications, standards, drawings, and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.

- # 2.2 Other publications.- The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

AMERICAN SOCIETY FOR TESTING MATERIALS

A245 - Specification for Flat Rolled Carbon Steel Sheets of Structural Quality.

B121 - Specification for Leaded Brass Plate, Sheet, Strip, and Rolled Bar.

B209 - Specification for Aluminum-Alloy Sheet and Plate.

(Copies may be purchased directly from the American Society For Testing Materials, 1916 Race Street, Philadelphia, Pa. 19103.)

- # UNIFORM CLASSIFICATION COMMITTEE
Uniform Freight Classification Rules

(Application for copies should be addressed to the Uniform Classification Committee, 202 Union Station, 516 West Jackson Boulevard, Chicago, Illinois 60606.)

(Technical society and technical association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)"

Page 2, paragraph 3.1.1, line 1: Delete "and screws".

Page 2, paragraph 3.1.2, lines 1 and 2: Delete "American Iron and Steel and Steel Institute" and substitute "American Iron and Steel Institute".

Page 2, add paragraph 3.1.4:

"3.1.4 Screws. — Screws shall conform to FF-S-85, as specified (see 6.2). Aluminum screws shall be made of material conforming to QQ-A-225/8; brass screws shall conform to QQ-B-637 and steel screws shall be in conformance with the requirements of Table I of FF-S-85. The use of equivalent aluminum, brass or steel is acceptable."

Page 2, Table I, footnote 3: Delete and substitute:

"3/ Screws shall be in accordance with FF-S-85 or commercial equivalent. Screws shall be the same metal as hinge except for aluminum hinges which will be furnished with CRES screws (see 3.11), and screws for Type II, class 1, style B hinge for metal joiner doors which shall be brass (see 3.11.1)."

Page 4, paragraph 3.4.2: Delete and substitute:

"3.4.2 Screw holes for hinges $2\frac{1}{2}$ to $3\frac{1}{2}$ inches inclusive, in length shall conform to the dimensions shown in Table III and conform to figure 3, except Type II, class 1, style B hinges for metal joiner doors(see 3.11.1)."

Page 5, figure 4, title: Delete "or" and substitute "by".

Page 5, paragraph 3.10: Delete and substitute:

"3.10 Types I, II, III, and V - The leaves on types I, II, III, and V hinges, where closed parallel, shall have a clearance of $1/16$ inch."

Page 6, paragraph 3.11: Delete and substitute: "Types I and II. - Machine screws for types I and II hinges shall be flat undercut-head, National coarse thread series, class 2, free fit, in accordance with FF-S-85 or commercial equivalent."

Page 6, add new paragraph 3.11.1:

"3.11.1 Type II, class 1, style B, $3\frac{1}{2}$ x 3 inch hinges, when ordered for metal joiner doors, shall be fitted with nylon shoulder bushings in each knuckle and shall be drilled for eight No. 10-24 screws in accordance with Figure 5. Screws shall be No. 10-24 UNC 2, flat undercut-head, $\frac{1}{2}$ inch long, brass, dull chrome US 26D finish."

Page 6, paragraph 4.1: Delete and substitute:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified, the supplier may utilize his own facilities or any commercial laboratory acceptable to the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements."

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Page 7, paragraph 4.4.3, second line: Delete "bureau" and substitute "Command".

Page 7, paragraph 6.2, delete and substitute:

"6.2 Ordering data. Procurement documents shall specify the following:

- (a) Title, number, and date of this specification.
- (b) Type, class and style of hinge required (see 1.2).
- (c) Material used in screws (see 3.1.4).
- (d) Size of hinge required (see 3.3).
- (e) Selection of applicable level of preservation, packaging and level of packing required (see 5.1)."

Page 8, Delete "Notice" paragraph.

Add Figure 5.

Custodians:

Army - WC
Navy - SH
Air Force - 82

Review Activity:

Army - WC
Navy - SH
Air Force - 82, 85

User Activity:

Navy - MC, AS, OS

Preparing activity:

Navy - SH
(Project 5340-0708)

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NOTE: PROVIDE
8 HOLES FOR # 10-24
UNC FHMS

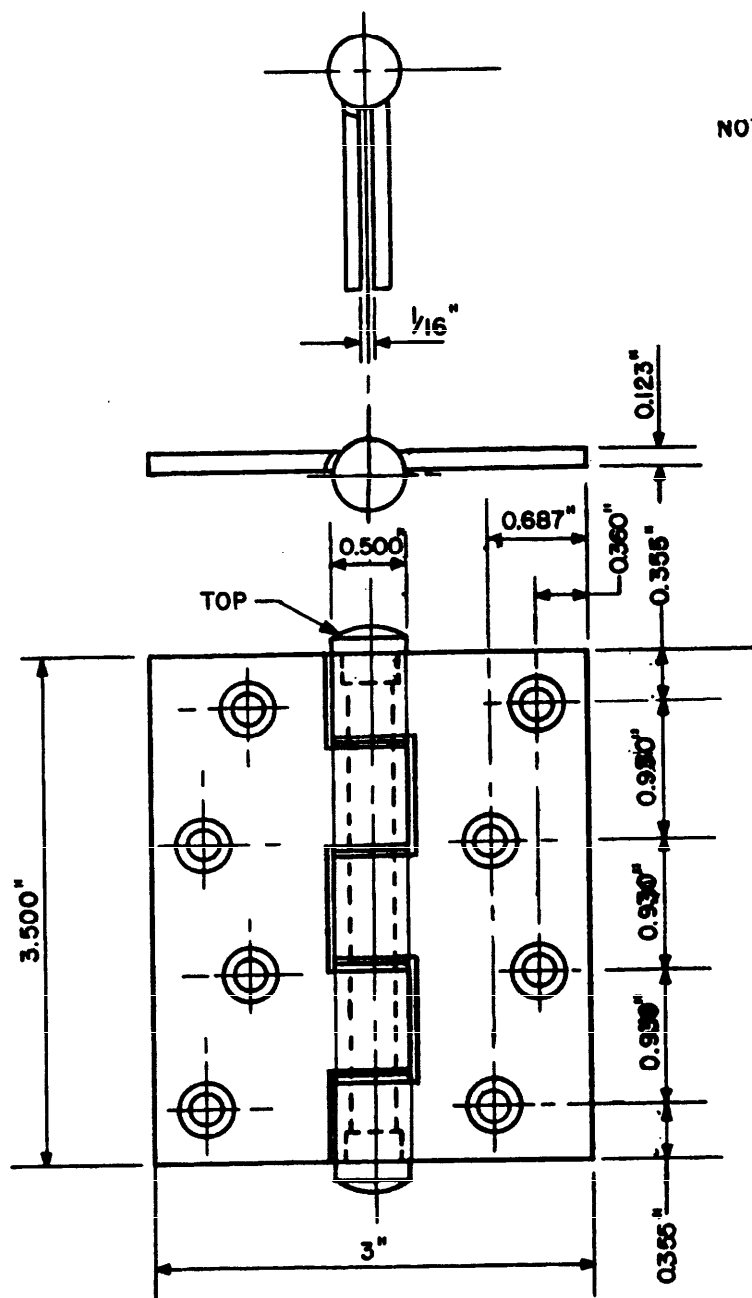


FIGURE 5 - LAYOUT OF TYPE II, CLASS I, STYLE B, $3\frac{1}{2}$ "X3"
HINGE FOR METAL JOINER DOORS

Figure 5 - Layout of Type II, class 1, style B, $3\frac{1}{2}$ "x3" hinge for metal
joiner doors.