

INCH-POUND

A-A-52303

8 April 1992

COMMERCIAL ITEM DESCRIPTION

HOOKS, BOAT, BALL POINT

The General Services Administration has authorized the use of this commercial item description in preference to MIL-H-3496D(ME).

Abstract. This commercial item description covers wooden handle boat hooks intended for use in handling pontoons and small marine craft.

Salient characteristics.

Design. The boat hook shall consist of a cast metal hook riveted to a wooden handle. The boat hook shall be constructed to withstand a longitudinal axis pull test when a tensile or dead weight load of 300 pounds is applied to the hook. When tested, there shall be no evidence of deformation, separation, cracking, loosening or any other evidence of a failure of the boat hook. The configuration of the boat hook assembly, i.e., the length of the hook, and the length and diameter of the handle shall be as shown in figure 1.

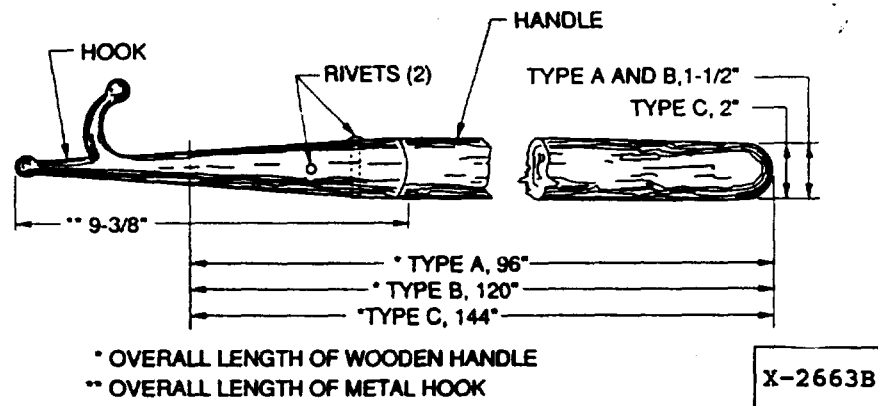


Figure 1. Boat hook (ball point).

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and other data which may improve this document should be sent by letter to: Commander, US Army Belvoir Research, Development, and Engineering Center, ATTN: STRBE-TSE, Fort Belvoir, VA 22060-5606.

AMSC N/A

FSC 2040

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

A-A-52303

Classification. The boat hooks shall be of the following types as specified in table I.

TABLE I. Boat hook types and sizes.

Type (Size)	Handle length (Inches)	Handle diameter (Inches)
A	96	1-1/2
B	120	1-1/2
C	144	2

Material. The material and parts shall be selected to accomplish performance requirements and provide maximum safety to operating personnel.

Metal. All metal parts shall be made of corrosion resistant material or shall be suitably protected against internal or external corrosion during normal service operations and storage.

Dissimilar metals. The use of dissimilar metals in contact with each other shall be avoided. When this is not possible, they shall be suitably protected against each other to minimize or prevent galvanic corrosion.

Hook. The hook shall be cast malleable iron conforming to ASTM A47 and zinc coated by one of the following processes: hot dipped conforming to ASTM A153, class B3; electrodeposition process conforming to ASTM B633, type II, class FE/ZN 13; or mechanically deposited process conforming to ASTM B695, type II, class 12. Yellow brass (manganese bronze) conforming to QQ-C-390, copper alloy no. 86100 to 86800 may be used.

Handle. The handle shall be made from ash wood conforming to NN-H-81, grade B. The handle shall be coated with no less than two coats of spar varnish.

Rivets. The rivets shall be of steel and zinc coated, or brass.

Marking. A suitable identification of the boat hook assembly shall include the applicable National Stock Number and the letters "US".

Workmanship. Workmanship shall be in accordance with high grade industry practices to assure safety of personnel and serviceability.

Quality assurance. The boat hook shall be examined for the following defects. Presence of one or more defects shall be cause for rejection:

A-A-52303

Notes: The contracting activity should specify the inclusion of the following information:

1. Type and length of boat hook required.
2. Degree of packaging required.
3. ASTM A47, ASTM A153, ASTM B695, and ASTM B633 are available from the ASTM Committee, 1916 Race Street, Philadelphia, PA 19103.
4. QQ-C-390 and NN-H-81 are available from the Standardization Document Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

The preparing activity for this item description is: US Army Belvoir Research, Development, and Engineering Center, ATTN: STRBE-TSE, Fort Belvoir, VA 22060-5606.

Custodian:
Army - ME

Preparing activity:
Army - ME

User activity:
Navy - SH

Project 2040-0197