

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.

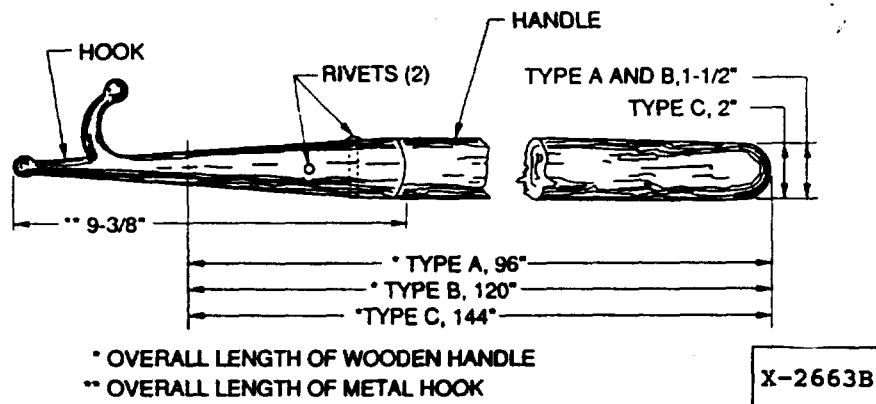


Figure 1. Boat hook (ball point).

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

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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:

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1. Material not as specified.
2. Materials not resistant to corrosion and deterioration or treated to be resistant to corrosion and deterioration for the applicable storage and operating environments.
3. Dissimilar metals not suitably protected as specified.
4. Contractor does not have documentation available for identification of material, material finishes or treatment.
5. Boat hook construction not as specified.
6. Dimensions not as specified.
7. Hook cracked, split, distorted.
8. Handle curved, cracked, split.
9. Handle loose in shank of hook.
10. Coatings of boat hook components not as specified.
11. Workmanship not as specified.
12. Identification marking missing, incorrect, or illegible.

Contractor certification. The contractor shall certify that the product offered meets the salient characteristics of this description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

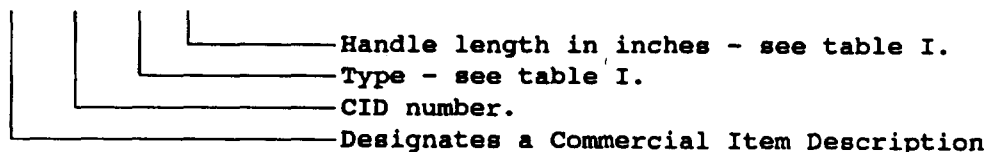
Regulatory requirements. In accordance with Federal Acquisition Regulation, section 23.403, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements of exposing the contractor's employees to undue hazards from the recovering materials.

Preservation, packaging, packing, labeling, and marking: The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or purchase order.

CID-based part identification number. The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.

Part or identifying number (PIN). The PIN to be used for boat hook acquired to this commercial item description are created as follows:

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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

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