INCH-POUND
A-A-52303A
08 December 2011
SUPERSEDING
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 (CID) for all federal agencies.

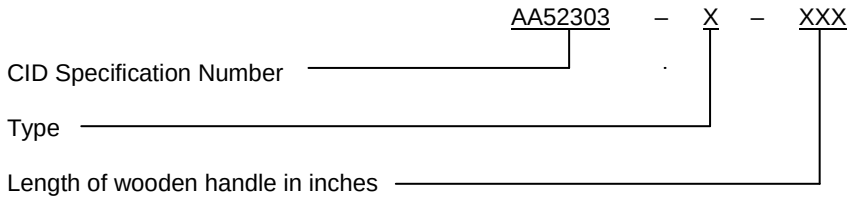
1. SCOPE. This commercial item description (CID) covers the general requirements for wooden handle boat hooks that are intended for applications in the handling of pontoons and other small marine craft. Boat hooks covered by this CID are intended for commercial/industrial applications.

2. CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). This CID uses a classification system which is included in the PIN as shown in the following example (see figure 1) (see 7.1).

2.1 Classification.

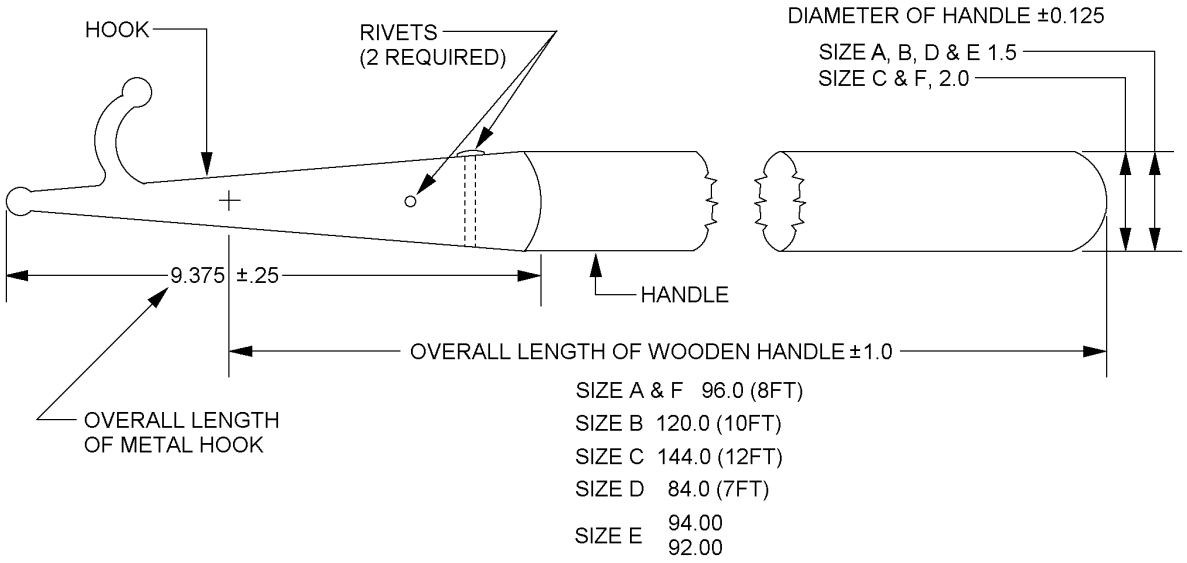
Type:	A	-	96 inches long, 1.5 inches diameter
	B	-	120 inches long, 1.5 inches diameter
	C	-	144 inches long, 2.0 inches diameter
	D	-	84 inches long, 1.5 inches diameter
	E	-	93 inches long, 1.5 inches diameter (modified, see figure 1)
	F	-	96 inches long, 2.0 inches diameter

2.2 PIN. This example describes a part numbering system for A-A-52303.



Beneficial comments, recommendations, additions, deletions, etc., and data that may improve this document should be sent to: DLA, Land and Maritime, ATTN: VAI, P.O. Box 3990, Columbus, OH 43218-3990, or email to FluidFlow@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at https://assist.daps.dla.mil.

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NOTE: Dimensions are in inches

FIGURE 1. Boat hook (ball point).

3. SALIENT CHARACTERISTICS.

3.1 Interface and physical dimensions. Boat hooks supplied to this CID shall be as specified herein (see figure 1).

3.2 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 of a tensile or dead weight load of 300 pounds applied to the hook. There shall be no evidence of deformation, separation, cracking, loosening, or any other evidence of a failure of the boat hook after verifying the load specified. 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.

3.3 Materials. The materials and parts shall be selected to accomplish performance requirements and provide maximum safety to operating personnel.

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

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

3.5 Hook. The hook shall be cast malleable iron conforming to ASTM-A47/A47M and zinc coated by one of the following processes: hot dipped, conforming to ASTM-A153/A153M, class B3; electro-deposition process, conforming to ASTM-B633, type II, class FE/ZE 13; or mechanically deposited process, conforming to ASTM-B695, type II, class 12. Yellow brass (manganese bronze), designated as a copper alloy in the Unified Numbering System (UNS) as C86100 to C86800, may be used.

3.6 Handle. The handle shall be made from ash wood coated with no less than two coats of spar varnish or suitable polyurethane or epoxy paint. It shall be capable of performing tasks associated with boat handling of small pontoons and small marine crafts.

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

3.8 Marking. Boat hooks supplied to this CID shall be marked with the manufacturer's (MFR's) standard commercial PIN. (NOTE: The part number marked on the unit pack shall be the CID PIN.)

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3.9 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.10 Workmanship. Boat hooks shall be processed in such a manner as to be uniform in quality and shall be free from other defects that will affect life, serviceability, or appearance. All cast and fabricated components of the boat hooks shall be in accordance with high grade industry practices to assure safety of personnel.

4. REGULATORY REQUIREMENTS. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with 23.403 of the Federal Acquisition Regulation (FAR).

5. PRODUCT CONFORMANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5.2 Market acceptance. The following market acceptance criteria are necessary to document the quality of the product to be provided under this CID:

a. The company producing the item must have been producing a product meeting the requirements of this CID for at least 5 years.

b. The company producing the item must have sold at least 25 units meeting this CID in the commercial marketplace over the past 2 most recent procurement years.

6. PACKAGING. Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES.

7.1 PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

7.2 Environmentally preferable material. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the date of this document, the U.S. Environmental Protection agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website http://www.epa.gov/osw/hazard/wastemin/priority.htm. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see Section 3).

7.3 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these boat hooks to DLA Land & Maritime under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

7.4 Source of documents.

FEDERAL REGULATIONS

FAR 23.403	-	Environment, Conservation, Occupational Safety, And Drug-Free Workplace; Use of Recovered Materials; Policy

(Copies of this document is available online at www.acquisition.gov/comp/far/index.html or from the U. S. Government Printing Office, 732 North Capital street NW, Washington, DC 20401.

Other publications.

ASTM INTERNATIONAL

ASTM-A47/A47M	-	Standard Specification for Ferritic Malleable Iron Castings

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ASTM-A153/A153M	-	Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
ASTM-B633	-	Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel
ASTM-B695	-	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel

(Copies of these documents are available online at http://www.astm.org or from the ASTM International, P.O. Box C700, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.)

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

7.5 Ordering data. Procurement documents should specify the following:

a. CID document number, revision, and CID PIN.

b. Product conformance provisions.

c. Packaging requirements (see 6).

7.6 Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial product that would meet the requirements of the CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

MFR's CAGE	MFR's name and address
30396	Century Metal Parts Corp. 230 S. Fehrway Bay Shore, N.Y. 11706-1208 Phone: 631-667-0800 Fax: 631-667-0802 E-mail fswierzbin@aol.com
7K520	Shaw & Tenney, Inc. P.O. Box 213 20 Water Street Orono, Maine 04473 Phone: 207-866-4867 Toll Free: 800-240-4867 E-mail: info@shawandtenney.com steve@shawandtenney.com sam@shawandtenney.com
19175	Stefanowicz & Lutz Inc DBA Merit Metal Products Corp. 242 Valley Road Warrington, PA 18976-2520 Phone: 215-343-2500 Fax: 215-343-4839 E-mail adam@meritmetal.com
61125	J.G.B. Enterprises Inc. 115 Metropolitan Drive Liverpool, NY 13088-5389 Phone: 315-451-2770 Fax: 315-451-8503 E-mail kquinn@jgbhose.com url: http://www.jgbhose.com

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1UF60	U.S.A. Spares Inc. 1468 Trindle Rd. Carlisle, PA 17015-9741 Phone: 717-241-9222 Fax: 717-241-2977 E-mail: sbyers@usaspares.com
0M312	Valley Woodcraft and Lumber Co. Inc. 1167 North Washington St. Wiles-Barre, PA 18705-1837 Phone: 570-826-0411 Fax: 570-826-1303 E-mail: hugh@valleywoodcraft.com

7.7 Part number (P/N) supersession data. These CID PINs supersede the following MFR's P/Ns as shown in table I. This information is provided to assist in reducing proliferation in the Government inventory system.

TABLE I. P/N supersession data.

Dash number (see 2.1) AA52303-	MFR's CAGE 61125 PIN 1/	MFR's CAGE 1UF60 PIN 1/	MFR's CAGE 0M312 PIN 1/
A	AA52303-A-96	AA52303-A	AA52303-A-96
B	AA52303-B-120	AA52303-B	AA52303-B-120
C	AA52303-C-144	AA52303-C	AA52303-C-144
D	AA52303-D-84	AA52303-D	AA52303-D-84
E	AA52303-E-93	AA52303-E	AA52303-E-93
F	AA52303-F-96	AA52303-F	AA52303-F-96
Dash number (see 2.1) AA52303-	MFR's CAGE 19175 PIN 1/	MFR's CAGE 30396 PIN 1/	MFR's CAGE 7K520 PIN 1/
A	3306B-A	AA52303-A	BH-A
B	3306B-B	AA52303-B	BH-B
C	3306B-C	AA52303-C	BH-C
D	3306B-D	AA52303-D	BH-D
E	3306B-E	AA52303-E	BH-E
F	3306B-F	AA52303-F	BH-F

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements see 3.8.

NOTE: For NSN's listed in table I see table II for cross-reference to manufacturer's P/N.

7.8 Government Users. To acquire information on obtaining these ball point boat hooks from the Government inventory system, contact DLA Land and Maritime, ATTN: -FMV, P.O. Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-7741.

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7.8.1 National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID. The list is for information only and may not be indicative of all possible NSN's associated with the CID. For up to date information on assigned NSN's, please contact the aforementioned DLA Land and Maritime office (see 7.8).

TABLE II. NSN's

CID PIN	PIN listed with NSN	CAGE	NSN
AA52303-A-96			
AA52303-B-120	H389	21530	2040-00-268-9250
AA52303-C-144	A-52303-C-144	58536	2040-00-256-9047
AA52303-D-84	13216E9929	97403	2040-00-007-1136
AA52303-E-93 1/	2588578	80064	2040-00-287-5495
AA52303-F-96	A-A-52303	58536	2040-00-255-6071

1/ The overall length includes the hook and pole as an assembly (AA52303-A-96 modified) (see figure 1).

7.9 Key words.

Brass
Handle
Iron
Malleable
Rivets
Wooden

7.10 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

MILITARY INTERESTS:

Custodians:
Army – AV
Navy – SH
DLA – CC

Review activities:
Navy – MC, SA

CIVIL AGENCY COORDATING ACTIVITY

GSA - FAS

Preparing activity:

DLA – CC

(Project 2040-2011-001)

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 https://assist.daps.dla.mil.

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