

[METRIC]  
A-A-52538  
December 4, 1995  
SUPERSEDING  
MIL-H-3611C  
1 April 1971

## COMMERCIAL ITEM DESCRIPTION

### HOOK, LOG-GRAB (127 BY 203 MILLIMETERS)

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

1. SCOPE. This CID covers one type of 127 x 203 millimeters (mm) (5 by 8 inches (in)) steel log-grab hook, which is intended to facilitate towing and skidding logs.

#### 2. SALIENT CHARACTERISTICS

2.1 Materials. The hook shall be forged of one piece of steel, and from "H" classification steels with the required hardness and depth of hardness, conforming to ASTM A304. The forged hook shall be heat treated to a Rockwell "C" hardness of 30 plus or minus 2. The use of recovered material made in compliance with regulatory requirements is acceptable providing that all requirements of this CID are met (see 3.1).

2.2 Design and construction. The hook shall be formed to an angle of approximately 90 degrees with a wide throat opening (see figure 1). The hook shall have an eye and projection on one end, a spur on the heel, a plain point on the other end, and the eye shall be radiused around the outer edge to prevent cutting or damage to the wire rope (see figure 1).

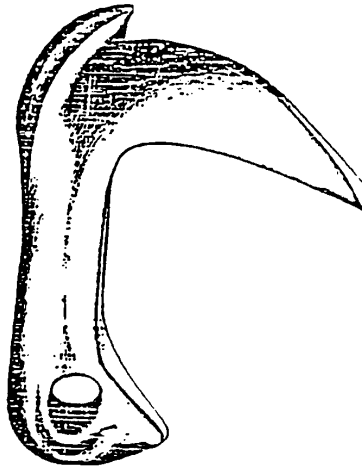
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ASTM N/A

FSC 4030

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A-A-52538

Figure 1. Hook, log-grab.

2.2.1 Dimensions. The hook shall conform to the dimensions shown in table I (see 6.4).

TABLE I. Hook dimensions.

Dimension	Millimeters (Inches)	Tolerance	
		Plus	Minus
Overall length	203 (8.00)	7 (0.25)	4 (0.13)
Overall depth	127 (5.00)	7 (0.25)	4 (0.13)
Length of hook	102 (4.00)	7 (0.25)	4 (0.13)
Width of bit	16 (0.63)	7 (0.25)	4 (0.13)
Width of shank	19 (0.75)	7 (0.25)	4 (0.13)
Depth of shank	35 (1.38)	7 (0.25)	4 (0.13)
Eye diameter (min.)	19 (0.75)	---	---

(Note: Dimensions in parenthesis are in inches)

2.2.2 Safety. The hook shall conform to all applicable standards of the Department of Labor Occupational Safety and Health Administration (OSHA) (see 6.2).

2.3 Identification markings. Identification marking shall be permanent and legible and shall include, as a minimum, the manufacturer's trademark, the contract number, and the National Stock Number (NSN) (see 6.3).

### 3. REGULATORY REQUIREMENTS

3.1 Recovered material. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

### 4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. The contractor is responsible for the performance of all inspections (examinations and tests).

4.2 Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this commercial item description and that the product conforms to the producer's own drawings, specifications, workmanship standards, and quality assurance practices. Items with known defects shall not be submitted for Government acceptance. The Government reserves the right to require proof of such conformance.

4.3 Market acceptability (MA). The contractor shall provide products which have a proven market record based on the number of items sold, length of time the product has been on the market, and reliability and performance of the products as required under the contract or solicitation (see 6.3).

### 5. PACKING

5.1 Preservation, packing and marking. Preservation, packing, and marking shall be as specified in the contract or order (see 6.3).

6. NOTES. (This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Addresses for obtaining copies of referenced documents.

6.1.1 The code of Federal Regulations (CFR) may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

6.2 Non-Government publications. Copies of ASTM A304 "Alloy Steel Bars to End Quench Hardenability Requirements" are available from the American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103. Copies of OSHA are available from the Department of Labor, Assistant Secretary of Labor, Occupational Safety and Health Administration, Washington, DC 20201.

A-A-52538

6.3 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this CID.
- b. Issue of DoDISS to be cited in the solicitation.
- c. Applicable level of preservation, packing and marking.
- d. Market Acceptability requirements must appear in the solicitation.

6.4 Typical hook. Figure 1 shown a type of hook which has been found acceptable; however, the figure is included for illustration only and is not intended to preclude the furnishing of other log-grab hooks which conform to this CID.

6.5 Cross-reference data. Hooks conforming to this CID are interchangeable/substitutable with hooks conforming to MIL-H-3611C.

MILITARY INTERESTS:

Custodians:

- Army - AT
- Navy - YD-1
- Air Force - 99

Review Activity:

- Air Force - 82

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Preparing Activity:

Army - AT

(Project 4030-0257)