

[METRIC]
A-A-52509
February 10, 1995
SUPERSEDING
MS500039A
16 February 1978

COMMERCIAL ITEM DESCRIPTION

HOOK, TOWING: LIGHT (FOR VEHICLES 7.26 TO 13.62 METRIC TONNES) (METRIC)

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

1. SCOPE.

This CID covers the requirements for a light towing hook for use when towing vehicles weighing from 7.26 to 13.62 metric tonnes. The towing hook, herein referred to as "hook", interfaces with a towing lug which is attached to the vehicle to be towed.

2. SALIENT CHARACTERISTICS

2.1 Materials. Hooks shall be wrought alloy steel in accordance with Unified Numbering System (UNS) G41450, H41400, H41420, or H86500. The use of recovered materials made in compliance with regulatory requirements is acceptable providing that all requirements of this CID are met (see 5.5).

2.1.1 Hardness. Hook hardness shall be HRC 28-35.

2.2 Design and construction. Hooks shall be designed and constructed in accordance with figure 1 or suitable interchangeable towing hook.

2.3 Finish treatment. Finish treatment shall conform to chemical agent resistant coating paint system for steel exterior surfaces in accordance with Army drawing 12369003. Color of paint final top coat shall be green 383.

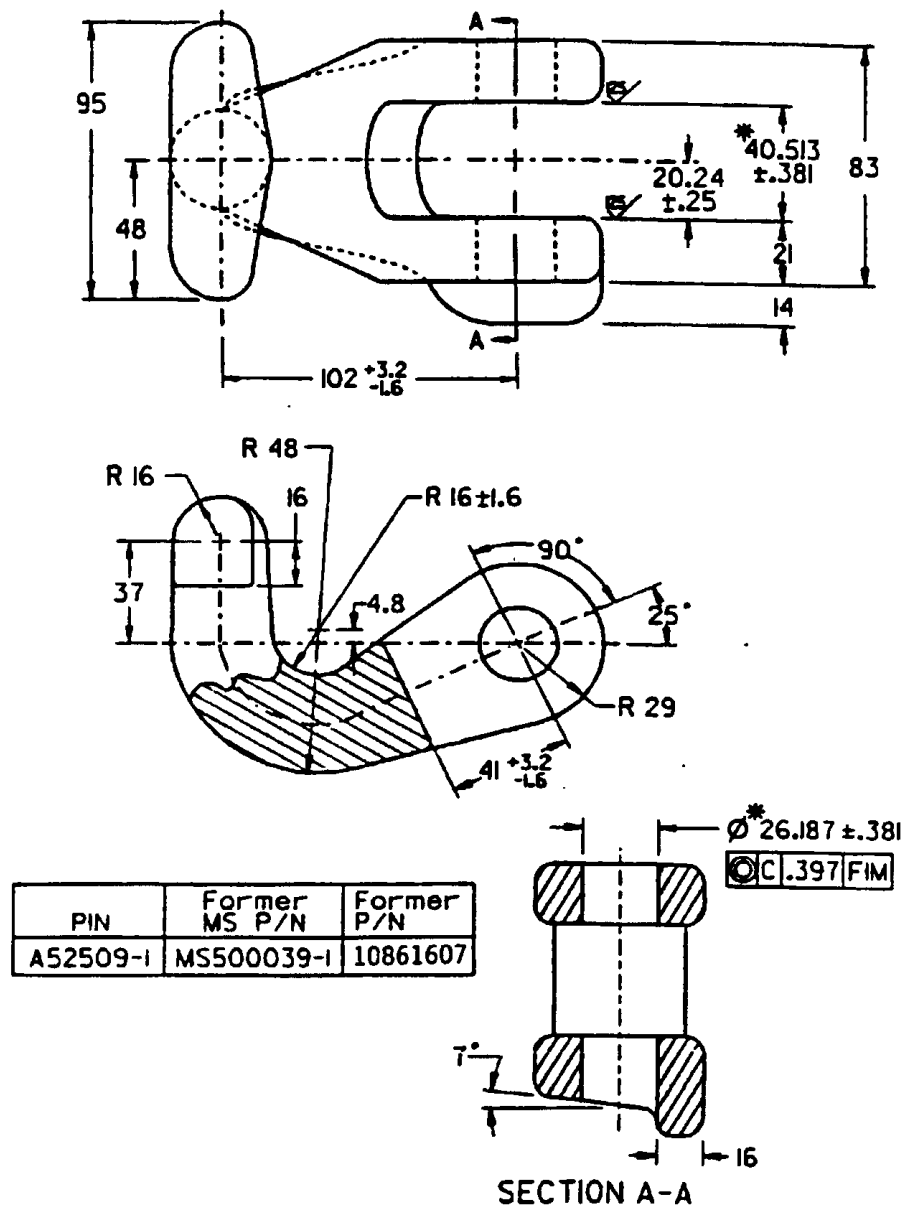
Beneficial comments, recommendations, additions, deletions clarifications, etc. and any other data which may improve this document should be sent by letter to: U.S. Army Tank-Automotive and Armaments Command, ATTN: AMSTA-TR-T, Warren, MI 48397-5000.

AMSC N/A

FSC 2540

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

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- NOTES:
1. Dimensions in millimeters.
 2. 7° maximum draft angle.
 3. Forging tolerance ± 1.6 mm.
 4. See 5.4 for dimensions marked with '*'.

FIGURE 1. Hook design and construction.

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2.4 Identification and marking. Identification and marking shall be permanent and legible and as a minimum shall include the part identification number (PIN) A52509-1, the manufacturer's CAGE code (or equivalent identification), the manufacturer's part number, a steel heat code, and a foundry trademark.

3. QUALITY ASSURANCE PROVISIONS

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

3.2 Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this CID 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 prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

4. PRESERVATION, PACKAGING, PACKING, LABELING, AND MARKING

Unless otherwise specified in the contract or order (see 5.2), preservation, packaging, packing, labeling, and marking for the desired level shall be in accordance with ASTM D3951.

5. NOTES.

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

5.1 Addresses for obtaining copies of referenced documents.

5.1.1 Army drawings. Copies of Army Drawing 12369003 are available from the Contracting Officer, U.S. Army Tank-automotive and Armaments Command, Warren, MI 48397-5000.

5.1.2 Non-Government publications. ASTM D3951 "Commercial Packaging" is available from American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103-1187.

5.2 Ordering data. Acquisition documents must specify the following:

- a. Title, number, and date of this CID.
- b. Issue of Department of Defense Index of Specifications and Standards (DoDISS) to be cited in the solicitation, and if required, the specific issue of individual documents referenced.

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- c. PIN and quantity required.
- d. Applicable level and packaging requirements.

5.3 Cross reference data. Hooks acquired to this CID are interchangeable with hooks conforming to MS500039A (see figure 1).

5.4 International standardization agreements. Certain figure 1 dimensions marked with an asterisk (*) are congruent with corresponding dimensions for the MS500004 towing lug which is the subject of international standardization agreements STANAG 4019 and American, British, Canadian - Army-STD-132. When amendment, revision, or cancellation of this CID is proposed that will modify the dimensions congruent with the international agreement concerned, the preparing activity will take appropriate action through international standardization channels, including departmental standardization offices, to change the agreement or make other appropriate accommodations.

5.5 Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

MILITARY INTERESTS:

Custodians

Army - AT

User activities

Navy - MC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

PREPARING ACTIVITY:

Army - AT

(Project 2540-0418)