

QUARTERMASTER CORPS
TENTATIVE
SPECIFICATION

J. Q. D. No. 313B
9 November 1943.
Superseding
J.Q.D. No. 313A
July 8, 1943

OPENER, CAN, FOLDING.*
(Stock No. 64-0-127).

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A. APPLICABLE SPECIFICATIONS.

A-1. The following specifications, of the issue in effect on date of invitation for bids, shall form a part of this specification.

A-1a. Federal Specifications:-

NN-B 621 - Boxes; wood, nailed and lock-corner.
QQ-M 151 - Metals; general specifications for inspection of.
UU-P-268 - Paper; kraft, wrapping,

A-1b. Quartermaster Corps Tentative Specifications:-

O.Q.M.G. No. 93 - Boxes; fibreboard, corrugated and solid.
O.Q.M.G. No. 94 - Specifications for marking of outside shipping containers by contractors.

A-1c. Drawings CJ-581 and CJ-582 for Opener, Can, Folding, are attached to and form a part of this specification.

B. TYPE AND SIZE.

B-1. This specification covers one type and size of Opener, Can, Folding.

C. MATERIAL AND WORKMANSHIP.

C-1. Material. - The materials shall conform in all respects to the specifications and drawings listed in Section A, and as specified herein.

C-1a. Steel. - The Opener, Can, Folding, consisting of a body and knife blade shall be fabricated from S.A.E. 1070 annealed spring sheet, steel, 0".0329 thick. The carbon content of the steel shall not fall below 0.70 percent.

C-2. Workmanship. - The finished article shall be clean, well made and free from sharp edges, corners, burrs, excepting cutting edge or any other defect which may affect appearance or serviceability.

*This is the approved Nomenclature.

D. GENERAL REQUIREMENTS.

D-1. See Section E.

E. DETAIL REQUIREMENTS.

E-1. All detail requirements for the manufacture of the finished article shall be as specified in this specification.

E-2. Construction.- The construction of the Opener, Can, Folding, shall be in accordance with the requirements of this specification and the design, shape and dimensions as shown by drawing CJ-582. All moving or wearing parts shall operate effectively and efficiently.

E-2a. The Opener, Can, Folding, shall be suitable for cutting circular, elliptical and rectangular tops out of cans of all sizes up to and including No. 10 commercial cans approximately 7 inches in diameter or width.

E-2b. Body.- The formed hinge on the body of the opener shall be tightly closed after assembly with the knife blade.

E-2c. Knife Blade.- The blade shall be ground to insure a keen cutting edge.

E-2d. Heat Treatment.- The body and the knife blade shall be heat treated to a Rockwell hardness of not less than 47 on the C scale.

E-3. Finish.- The body and knife blade shall be given an electro tin-plated finish on all surfaces. The average thickness of the coating shall be 0".0005. A minimum thickness of 0".00025 will be allowed in sections difficult to plate the required 0".0005 thickness.

E-4. Marking for Identification.- Each Can Opener, Folding shall have stamped or marked on the flat surface of the body the letters "U.S." and the name, initial or symbol of the manufacturer in characters 1/8" high.

E-5. Samples for Approval.- Before production is commenced, unless otherwise specified in invitation for bids, contract, or order a finished Opener, Can, Folding, shall be submitted to the contracting officer for approval.

E-6. Contractor's Inspection.- The contractor shall inspect all finished articles for compliance with this specification prior to submitting them to the United States Government for final inspection.

F. METHODS OF SAMPLING, INSPECTION AND TESTS.

F-1. Sampling.- Samples of any materials, components,

etc., not furnished by the United States Government, entering into the manufacture of the article covered herein shall be selected from time to time by the Government Inspector, and carefully examined and tests made to determine if they are in accordance with the specifications listed in section A, and with this specification.

F-2. Inspection.-- Inspection may be made throughout the entire process of manufacture. The passing as satisfactory of any detail of construction or materials shall not relieve the contractor of responsibility for faulty workmanship or materials which may be discovered at any time prior to final acceptance. Final inspection of the finished article shall be made either at point of production or at point of delivery designated in the contract or purchase order of procuring agency. In case of factory inspection, every facility shall be afforded inspectors, by the manufacturer, for the prosecution of their work.

F-3. Tests.-- The tests on metal shall be in accordance with Specification QQ-M-151, insofar as applicable.

G. PACKAGING, PACKING AND MARKING.

G-1. Packaging.-- Unless otherwise specified in invitation for bids, contract, or order, each Opener, Can, Folding, shall be placed in an envelope approximately 2-1/4" x 3-1/2" with the opening across the 2-1/4" dimension; envelope to be printed in accordance with the copy appearing on drawing CJ-581, which is attached and made a part of this specification. One hundred (100) Openers, Can, Folding, in envelopes, shall then be packaged in a suitable pasteboard or chipboard box. One end of the box shall be marked or labeled to show the quantity and nature of the contents.

G-2. Packing.-- Unless otherwise specified in invitation for bids, contract, or order, one thousand (1000) Openers, Can, Folding, (10 boxes) shall be packed in a corrugated fibreboard box conforming to Style RSC, Type CF, Grade 3 board, Specification O.Q.M.G. No. 93.

For overseas shipment five thousand (5000) Openers, Can, Folding (50) boxes shall be packed in a wood box conforming to and constructed in accordance with Style 4 Specification NN-B-621. Boxes shall be lined with No. 2 Kraft Paper, 70 pounds per 480 sheets, based on size 24 x 36 inches, conforming to Specification UU-P-268. The gross weight of any box shall not be in excess of 140 lbs.

G-3. Marking.-- Unless otherwise specified in invitation for bids, contract or order under which shipment is made, marking on each box shall conform to Specification O.Q.M.G. No. 94.

H. NOTES.

H-1. As of this date, Bill of Materials No. 7-962B, dated

9 November 1943, is applicable to this specification.

This Bill of Materials is for the information of the United States Government only and is not for distribution to fabricators.

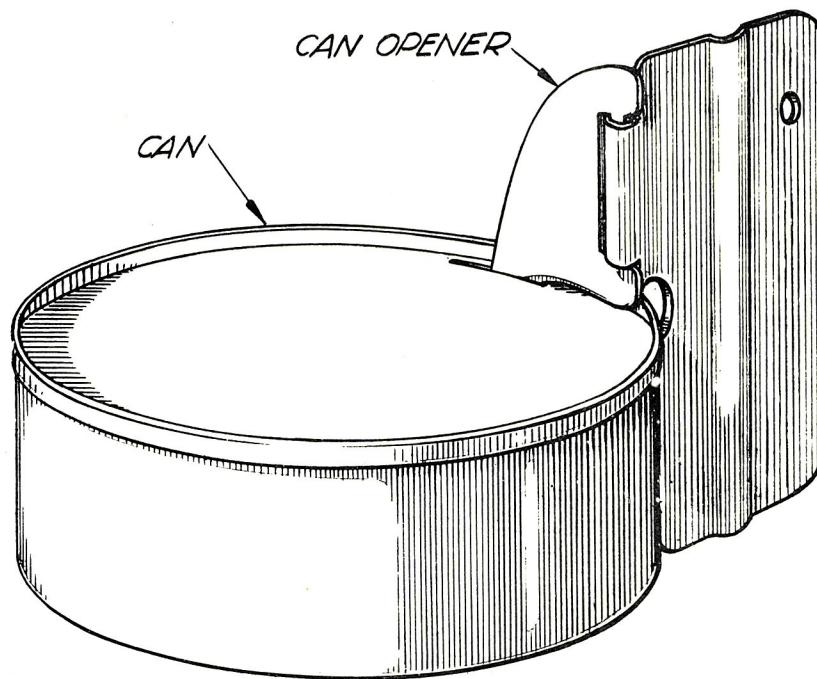
H-2. Revisions.-- The revisions in this specification over preceding specification consists in the following:

- a. The addition of Stock No. and footnote on page 1.
- b. Changing of requirements in paragraph E-3.
- c. Deletion of paragraph H-1 and addition of paragraph E-5.
- d. Redesignation of paragraph E-5 to E-6 and H-2 to H-1.
- e. Addition of paragraph H-2.

NOTICE:- When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished or in any way supplied the said drawings, specifications, or other data, is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture use, or sell any patented invention that may in any way be related thereto.

NOTE:- Unless otherwise specified in invitation for bid or purchase order, copies of this specification may be obtained at the following point:-

Jeffersonville Quartermaster Depot, Jeffersonville, Indiana.



ILLUSTRATION

CAN OPENER DIRECTIONS

1. OPEN BLADE.
2. PLACE CAN OPENER AS SHOWN IN THE DIAGRAM.
3. TWIST DOWN TO PUNCTURE SLOT IN CAN TOP INSIDE RIM.
4. CUT TOP BY ADVANCING OPENER WITH A ROCKING MOTION. TAKE SMALL BITES.

OPENER, CAN, FOLDING

REVISED	FROM	TO	DATE	
CJ-581				

