

QUARTERMASTER CORPS  
TENTATIVE  
SPECIFICATION

J.Q.D. No. 313C  
19 March 1945  
Superseding  
J.Q.D. No. 313B  
9 November 1943.

*Superseded by 28-135*  
HISTORICAL FILE COPY DO NOT REMOVE

OPENER, CAN, FOLDING\*  
(STOCK NO. 64-0-127).

A. APPLICABLE SPECIFICATIONS.

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

A-1a. O.Q.M.G. Packing Specification:-

GS No. 94 - Opener, Can, Folding.

A-1b. Drawings CJ-581 and CJ-582 Rev. 1, 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. - In the thickness specified on Drawing CJ-582, Rev. 1, shall be annealed spring sheet, steel, conforming to the following chemical requirements.

Carbon	0.65 to 0.75 percent.
Manganese	0.70 to 1.00 percent.
Phosphorus	0.04 percent (max.)
Sulphur	0.05 percent (max.)

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

D. GENERAL REQUIREMENTS.

D-1. See Section E.

E. DETAIL REQUIREMENTS.

E-1. Construction. - Shall conform to the requirements specified herein and as shown on drawings. The hinge shall operate freely and without play.

\*This is the approved nomenclature.

E-1a.     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-1b.     Body. - The formed hinge on the body of the opener shall be tightly closed after assembly with the knife blade.

E-1c.     Heat Treatment. - The body and the knife blade shall be heat treated by quenching from the proper temperature and tempered to give a Rockwell hardness of not less than 47 nor more than 55 on the C scale.

E-1d.     Knife Blade. - The blade shall be ground to insure a keen cutting edge.

E-2.     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-3.     Marking for Identification. - The stamping of the "U.S.", manufacturer's name, trade name or trademark of such known character easily identifiable with said manufacturer, and the year manufactured, shall be done in characters in the sizes and location as shown on Drawing CJ-582, Rev. 1. The surface opposite these stamp marks shall show no signs of penetration or unevenness or cause distortion.

E-4.     Samples for Approval. - Before production is commenced, a sample of the finished commodity shall be submitted for approval.

E-5.     Contractor's Inspection. - The contractor shall take such steps for inspection of the finished articles to assure 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. -



F-3a. Samples for Test. - Shall be as required by the Inspection Officer.

F-3b. Necessary physical, chemical and finish tests shall be conducted to see that the subject commodity is in accordance with this and applicable specifications.

F-3c. It is to be understood that the methods of testing described in this specification will in general be used; however, the Government reserves the right to use such additional information or methods deemed necessary to determine compliance with the letter and spirit of this specification.

G. PACKAGING, PACKING AND MARKING.

G-1. Packaging, Packing and Marking shall conform to the requirements of Specification GS No. 94.

H. NOTES.

H-1. As of this date, Bill of Materials No. 7-962C, dated 19 March 1945, 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.

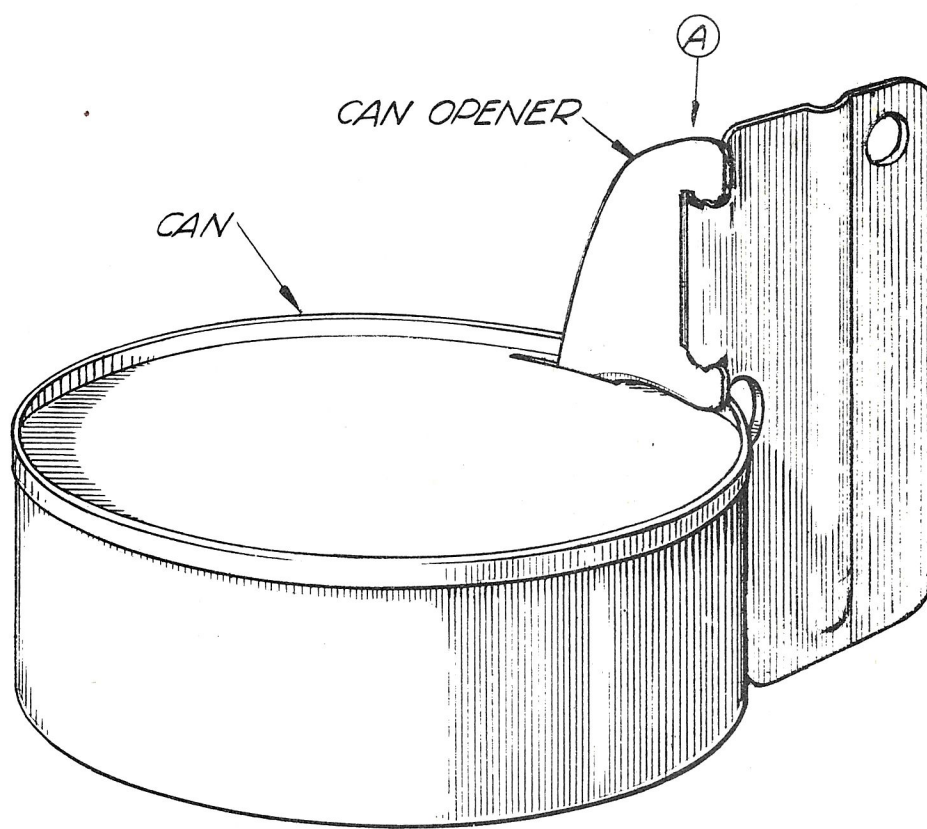
H-2. Revisions. - This is a general revision over preceding specification to:

- a. Identify steel.
- b. Change construction as indicated by Revision 1 on Drawing CJ-582.
- c. Delete packing requirements within the specification by addition of Packing Specification GS No. 94 to Sections A and G.
- d. Effect editorial changes.

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.

