

FF-T-77C
 March 24, 1980

SUPERSEDING

Fed. Spec. FF-T-77B
 December 3, 1971

FEDERAL SPECIFICATION

TAG AND HOLDER, KEY

This specification was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers tags and holders for key indexing systems.

1.2 Classification. Tags and holders shall be of the following types, classes, and styles, as specified (see 6.2).

Type A - File tag.
 Type B - Working tag.

Style I - See figure 1.
 Style II - See figure 1.

Class 1 - Engraved.
 Class 2 - Blank.

2. APPLICABLE DOCUMENTS

2.1 The following documents, of the issues in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein:

Federal specification:

PPP-B-636 - Boxes, Shipping, Fiberboard.

(Activities outside the Federal Government may obtain copies of Federal specifications, standards, and commercial item descriptions, as outlined under General Information in the Index of Federal Specifications, Standards, and Commercial Item Descriptions. The Index, which includes cumulative bimonthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

(Single copies of this specification, other Federal specifications, standards, and commercial item descriptions required by activities outside the Federal Government for bidding purposes are available without charge from General Services Administration Business Service Centers in Boston; New York; Philadelphia; Washington, DC; Atlanta; Chicago; Kansas City, MO; Fort Worth; Houston; Denver; San Francisco; Los Angeles; and Seattle, WA.

(Federal Government activities may obtain copies of Federal specifications, standards, commercial item descriptions, and the Index of Federal Specifications, Standards, and Commercial Item Descriptions from established distribution points in their agencies.)

FF-T-77C

Military Specification:

MIL-F-1148 - Fiber, Vulcanized, Electrical and Mechanical Grades.

Military Standard:

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes.

MIL-STD-129 - Marking for Shipment and Storage.

(Copies of Military Specifications and Standards required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

2.2 Other publications. The following documents form a part of this specification to the extent specified herein. Unless a specific issue is identified, the issue in effect on date of invitation for bids or request for proposal shall apply.

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC., AGENT

National Motor Freight Classification.

(Application for copies should be addressed to the American Trucking Associations Inc., Traffic Department, 1616 P Street, N.W., Washington, DC 20036.)

UNIFORM CLASSIFICATION COMMITTEE, AGENT

Uniform Freight Classification.

(Application for copies should be addressed to the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606.)

3. REQUIREMENTS

3.1 Materials. Materials used shall be free from defects which would adversely affect the performance or maintainability of individual components or of the overall assembly. Materials not specified herein shall be of the same quality used for the intended purpose in commercial practice. Unless otherwise specified herein, all equipment, material, and articles incorporated in the work covered by this specification are to be new and fabricated using materials produced from recovered materials to the maximum extent possible without jeopardizing the intended use. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this specification unless otherwise specifically specified.

3.1.1 Tags. Tags shall be made of fiber conforming to grade BH or CH of MIL-F-1148.

3.1.2 HOLDERS. For type A tags, the holders shall be made of brass. For type B tags, the holders shall be made of nickel-plated, half-round steel spring-wire approximately 0.040-by 0.080-inch.

3.2 Tags.

3.2.1 Design. Unless otherwise specified (see 6.2), the tags shall be in accordance with the configuration shown in figure 1.

3.2.2 Thickness. Tags shall be 0.055 \pm 0.010 inch thick.

3.2.3 Holes. Holes in the tags shall be as shown in figure 1.

3.2.4 Color. When specified (see 6.2), type A tags shall be natural in color. Type B tags shall be red in color.

3.2.5 Lettering. Type A tags shall be engraved, indented, or stamped with the legend "File Key Must Not Be Loaned". Class 1 tags shall be numbered consecutively. Numerals shall be as specified (see 6.2). Letters and numerals shall be cut to a depth of 0.005-inch minimum. The color of the numbers shall be selected for maximum legibility.

3.3 Holders.

3.3.1 Holders for type A tags shall be of one-piece construction, securely attached to the fiber tag and so designed that when the fastening device is closed the key is permanently locked to the holder.

3.3.2 Holders for type B tags shall be the snaphook-type, and shall be spring-tempered so that a 1/8-inch rod pushed through the snaphook will not distort the shape of the holder.

3.4 Dimensions. The established dimensions shall not change the configuration of the tag or holder from that shown in figure 1.

3.5 Workmanship. The quality of workmanship shall meet the standards prevalent among manufacturers who normally produce equipment of the type specified herein and shall be free from pits, scales, fins, or any other defects which affect the appearance or serviceability.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirement specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

FF-T-77C

4.2 Classification of inspection. The inspection requirements specified herein are classified as follows:

- (a) Quality conformance inspection (see 4.2.1).
- (b) Preparation for delivery inspection (see 4.7).

4.2.1 Quality conformance inspection. Quality conformance inspection shall be performed on the tag and holder selected in accordance with 4.4. This inspection shall include the examination of 4.5 and the tests of 4.6.

4.3 Inspection lot. All units of the same type and class offered to the Government at one time, shall be considered a lot for purpose of inspection. The sample unit shall be one complete tag and holder.

4.4 Sampling. A random sample of tag and holder shall be selected from each lot in accordance with MIL-STD-105.

4.4.1 Sampling for examination. Examination of the tag and holder shall be based on inspection level S-4, and an Acceptable Quality Level (AQL) of 2.5 percent defective.

4.4.2 Sampling for tests. Tests of the tag and holders shall be based on inspection level S-3 and an AQL of 4.0 percent defective.

4.5 Examination. Each sample selected in accordance with 4.4.1 shall be examined for compliance with the requirements in section 3 of this specification. Any redesign or modification of the supplier's standard product to comply with specified requirements or any necessary redesign or modification following failure to meet specified requirements, shall receive particular attention for adequacy and suitability. This inspection shall encompass all visual examination and dimensional measurements.

4.6 Tests. Each sample selected, in accordance with 4.4.2 shall be tested to determine compliance with this specification. Tests shall be conducted as specified in 4.6.1.

4.6.1 Sealing test, type A. Samples selected in accordance with 4.4.2 shall be suspended on the fastening device and then locked in accordance with the manufacturer's instruction. The entire unit shall then be placed in a tensile tester and subjected to tension until the device ruptures. If the holder or device opens at point of closure without destruction of the holder, it shall be rejected.

4.7 Examination of preparation for delivery inspection. An examination shall be made to determine compliance with the requirements of section 5. The sample unit shall be one shipping container fully prepared for delivery. Sampling shall be in accordance with MIL-STD-105. The inspection level shall be S-2 with an AQL of 4.0 expressed in terms of percent defective.

5. PREPARATION FOR DELIVERY

5.1 Packaging. Packaging shall be level A or commercial, as specified (see 6.2).

5.1.1 Level A.

5.1.1.1 Unit packaging. Fifty class 1 tags and holders shall be strung on flexible wire in numerical sequence. Unless otherwise specified (see 6.2), 50 class 1 tags strung on wire or 100 class 2 tags in bulk, shall be packaged in a close-fitting paperboard or fiberboard box. Only identical tags and holders shall be packaged together in the same box.

5.1.1.2 Intermediate packaging. When specified (see 6.2), unit packages of tags and holders of the same description, in quantities as specified (see 6.2), shall be intermediate packaged in a close-fitting box conforming to PPP-B-636, class weather-resistant. The box shall be closed in accordance with the appendix to the box specification, method IV.

5.1.2 Commercial. Tags and holders of like description shall be packaged in accordance with normal commercial practice. The complete package shall be designed to protect the tags and holders against damage during shipment, handling, and storage.

5.2 Packing. Packing shall be level A or commercial as specified (see 6.2).

5.2.1 Level A. Tags and holders of the same description, shall be packed in close-fitting boxes conforming to PPP-B-636, V2s, style optional. The contents shall be blocked and braced to prevent movement. The containers shall be closed and water-proof sealed in accordance with appendix to the box specification. The size or weight of the boxes shall not exceed the limitations of the box specification.

5.2.2 Commercial. The tags and holders of like description, packaged as specified in 5.1.2, shall be packed in fiberboard boxes to assure delivery at destination, provide for redistribution by the initial receiving activity, and be acceptable by common carrier under National Motor Freight Classification rules and Uniform Freight Classification rules.

5.3 Marking. Marking shall be as specified in the contract or order.

6. NOTES

6.1 Intended use. The tags and holders covered by this specification are intended for use in key control systems and key cabinet indexing systems.

6.2 Ordering data. Purchasers should select the preferred options permitted herein, and include the following information in procurement documents:

- (a) Title, number, and date of this specification.
- (b) Type, style, and class of tag and holder required (see 1.2).
- (c) If design of tags is other than specified (see 3.2.1).
- (d) Color of tag required, if different (see 3.2.4).
- (e) Type and numerals required (see 3.2.5).
- (f) Level of packaging and level of packing required (see 5.1 and 5.2).
- (g) If the number of tags and holders in the unit package is other than specified (see 5.1.1.1).
- (h) When intermediate packaging is required and the number of unit packages in the intermediate package (see 5.1.1.2).

FF-T-77C

6.3 Contract data requirements. When this specification is used in a procurement which incorporates a DD Form 1423 and invokes the provisions of paragraph 7-104 9(n) of the Defense Acquisition Regulation (DAR), the data requirements will be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the Contract Data Requirements List (DD Form 1423) incorporated into the contract. When the provisions of DAR 7-104.9(n) are not invoked, the data shall be delivered in accordance with the contract requirements.

Military custodians:

Navy - YD

Review activity:

Navy - SH

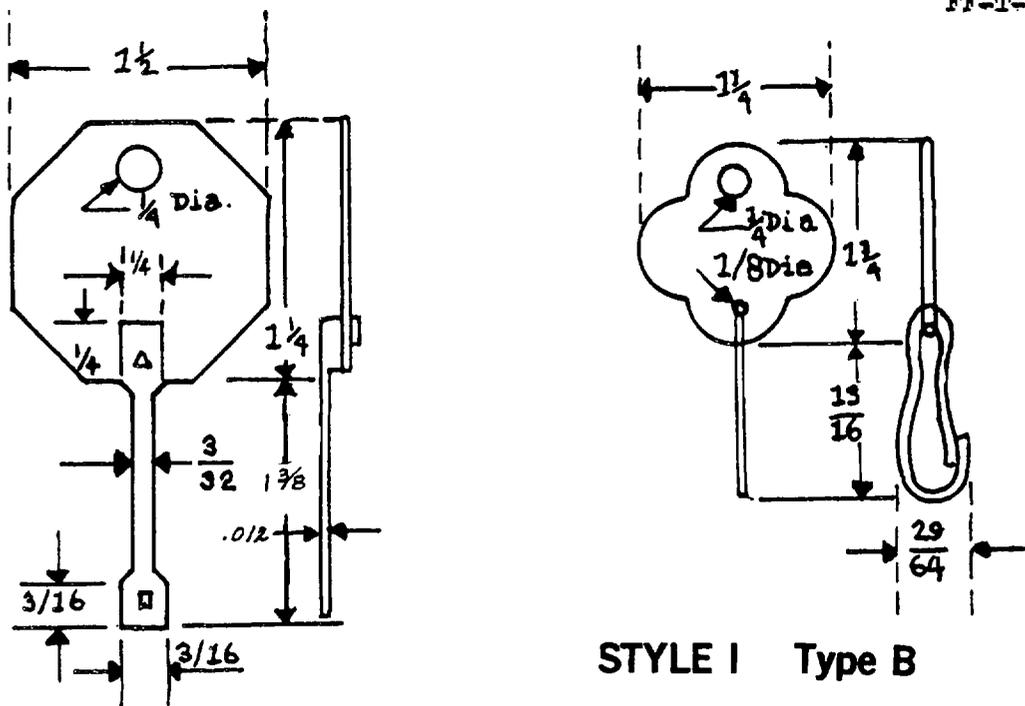
Civil Agency Coordinating Activity:

GSA - FSS

Preparing activity:

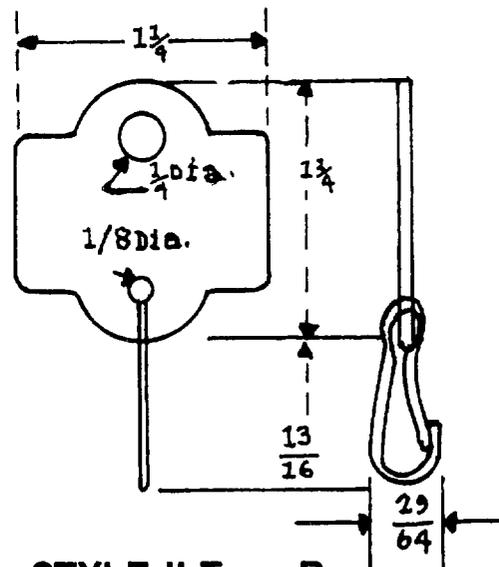
Navy - YD

Project No. 9905-0233



Type A

STYLE I Type B



STYLE II Type B

FIGURE 1. KEY TAG AND HOLDER

NOTES:

1. Dimensions are in inches.
2. Tolerance $\pm 1/32$ -inch.

Orders for this publication are to be placed with General Services Administration, acting as agent for the Superintendent of Documents. See section 2 of this specification to obtain extra copies and other documents referenced herein.

