

MIL-S-43770
AMENDMENT-3

27 January 1977

SUPERSEDING
AMENDMENT-2
31 May 1973

MILITARY SPECIFICATION

SNAP HOOKS

GENERAL SPECIFICATION FOR

This amendment forms a part of Military Specification MIL-S-43770, dated 31 March 1972, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

2.1, after listing of Military Specifications: Add "(See Supplement-1 for list of associated specification sheets.)"

* 2.2, at end of paragraph: Add

"SOCIETY OF AUTOMOTIVE ENGINEERS, INC. (SAE)

J423a - Methods of Measuring Case Depth.

(Application for copies should be addressed to Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096.)

(Technical society and technical association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)"

PAGE 3

* 3.3.3, line 2: Delete "A1, A3, B5 or C4" and substitute "854, 855, 857 or 862".

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- * 3.4, at the end of the paragraph: Add the following sentence "After the wire body of the MIL-S-43770/2 snap hook is formed but prior to finishing and assembly with the retainer, the wire body shall be hardened to a surface hardness of Rockwell 88-90 on the 15N scale with an effective case depth of 0.005 inch when tested as specified in 4.2.2.2."

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- * 4.2.2.2, first and third sentences: Delete and substitute "Prior to finishing and assembly, the flat steel springs and wire body, as applicable, shall be tested for surface hardness and case depth, as specified in 3.4. The sample unit shall be one flat steel spring or wire body, as applicable. The lot shall be the number of flat steel springs or wire bodies, as applicable, submitted for inspection at one time. The test methods shall be as specified in 4.3.1. The number of determinations per sample unit shall be three and the results shall be reported as the average of the three determinations to the nearest Rockwell 15N scale reading."

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- * 4.2.4, after the third sentence: Add the following sentence "Examination for the closure defects listed in table III shall be made on shipping containers fully prepared for delivery."
- * Line 6: Delete "delivery" and substitute "inspection".

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- * 4.2.5: Delete in its entirety.
- * 4.3.1, first and second sentences: Delete and substitute "The Rockwell hardness of the flat steel springs and wire body, as applicable, shall be tested in accordance with ASTM E 18. The effective case depth of the wire body shall be determined in accordance with SAE J423a. Any sample failing to meet the surface hardness with an effective case depth, when applicable, as specified in 3.4, shall be classified as a defect."

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- * 5.1, line 1: Delete "C" and substitute "Commercial".
- * 5.1.2, line 1: Delete "Level C" and substitute "Commercial".

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- * 5.1.2, lines 3 and 4: Delete the last sentence and substitute "The package and the quantity per package shall be the same as that normally used by the contractor for retail distribution."
- * 5.2, line 1: Delete "C" and substitute "Commercial".
- * 5.2.1, last sentence: Delete and substitute "Each shipping container shall be closed in accordance with method III, waterproofed in accordance with method V, and reinforced as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.2.4."
- * 5.2.2, at end of last sentence: Delete the period and substitute "except that the inspection shall be in accordance with 4.2.4."
- * 5.2.2.1, line 3: Delete "The appendix thereto" and substitute "method III as specified in the appendix thereto except that the inspection shall be in accordance with 4.2.4."
- * 5.2.3, line 1: Delete "Level C" and substitute "Commercial".
- * 5.2.3, after the first sentence: Add "The quantity per shipping container shall be the same as that normally used by the contractor for retail distribution."

Lines 4 and 5: Delete "Rules" in two places.

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- * 6.3, under listing of MIL-S-43770/2: Delete in its entirety and substitute:
"MIL-S-43770/2A-SWZE1 MS70111-1 and M43770/2-CWBC1
/2A-SWZE2 MS70111-3 and M43770/2-CWBC2."

PAGE 13

4th line from bottom of page, in second column. Add "&-12M1".

3rd line from bottom of page, in second column. Add "&-13M1".

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PAGE 13 (cont'd)

2nd line from bottom of page, in second column. Delete "12M1 &".

Bottom line of page, in second column. Delete "13M1 &".

The margins of this amendment are marked with an asterisk (*) to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and suppliers are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodians:

Army - GL
Navy - YD
Air Force - 99

Preparing activity:

Army - GL
Project No. 5340-1000

Review activities:

Army - AV
Navy - MC
DSA - IS

User activities:

Army - AT, ME, WC
Navy - AS, CG, SH