

DOD-STD-35-23A(MI)  
NOTICE 3  
30 JUNE 1992

# MILITARY STANDARD

## AUTOMATED ENGINEERING DOCUMENT PREPARATION SYSTEM

### FASTENERS

TO ALL HOLDERS OF DOD-STD-35-23A(MI):

1. THE FOLLOWING PAGES OF DOD-STD-35-23A(MI) HAVE BEEN REVISED AND SUPERSEDE THE PAGES LISTED.

NEW PAGE	DATE	SUPERSEDED PAGE	DATE
v	30 JUNE 1992	v	9 MARCH 1979
3	30 JUNE 1992	3	14 JANUARY 1979
4	30 JUNE 1992	4	14 JANUARY 1979
5	14 JANUARY 1979	(Reprinted without change)	
6	30 JUNE 1992	6	9 MARCH 1979
7	30 JUNE 1992	7	9 MARCH 1979
8	9 MARCH 1979	(Reprinted without change)	
9	9 MARCH 1979	(Reprinted without change)	
10	30 JUNE 1992	10	9 MARCH 1979
11	30 JUNE 1992	11	9 MARCH 1979
12	9 MARCH 1979	(Reprinted without change)	

2. RETAIN THIS NOTICE PAGE AND INSERT BEFORE THE TABLE OF CONTENTS.

3. Holders of DOD-STD-35-23A(MI) will verify that page changes and additions indicated above have been entered. The notice page will be retained as a check sheet. This issuance, together with appended pages is a separate publication. Each notice is to be retained by stocking points until the Military Standard is completely revised or canceled.

#### Custodians:

Army-MI

#### User activity:

Army - AR

#### Review activities:

Army-AT

Army-AV

Army-ER

Army-ME

Army-MR

Army-SC

ARMY-CR

#### Preparing activity:

Army - MI

(Project EGDS-A406A)

AREA EGDS

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DOD-STD-35-23A(MI)  
30 JUNE 1992

CONTENTS

		<u>Page</u>
Paragraph	1. SCOPE - - - - -	1
	1.1 General - - - - -	1
	1.2 Purpose - - - - -	1
	1.3 Utilization - - - - -	1
	1.4 Military Specification Exception Title Index - - - - -	1
	2. REFERENCED DOCUMENTS - - - - -	5
	2.1 Issues of documents - - - - -	5
	2.2 Other publications - - - - -	6
	3. DEFINITIONS - - - - -	8
	4. GENERAL REQUIREMENTS - - - - -	9
	4.1 Introduction - - - - -	9
	4.2 Specification Requirement Sheet (SRS) - - - - -	9
	4.3 Configuration - - - - -	9
	4.3.1 Dimensions - - - - -	9
	4.3.2 Illustrations - - - - -	9
	4.4 Units of measure - - - - -	9
	5 DETAILED REQUIREMENTS - - - - -	10
	5.1 Introduction - - - - -	10
	5.2 MSE Formats - - - - -	10
	5.3 Referenced documents - - - - -	10
	5.4 Deleted - - - - -	10
	5.5 Tabulation - - - - -	12
	5.6 Keyword Code Index (KCI) and Standard Paragraphs - - - - -	15
	5.6.1 Interrelationship of Codes - - - - -	15
	5.6.2 Automatic MSE Data - - - - -	15
	5.6.3 DOD-STD-35 Tables - - - - -	15

TABLES

Table	I. Title Index - - - - -	2
	II. Deleted - - - - -	11
	III. Tabulation candidates - - - - -	13

APPENDICES

Appendix	A. Illustrations - - - - -	118
	B. Characteristic Code Index - - - - -	156
	Index - - - - -	161

DOD-STD-35-23A(MI)  
30 JUNE 1992

TABLE I. TITLE INDEX (CONT)

MSE TITLE	TITLE CODE	BASE DOCUMENT	
		NUMBER	COVERAGE
FASTENER, EQUIPAGE	146002	MIL-F-411	BELT
		MIL-F-11698	QUICK RELEASE
		MIL-F-43514	EQUIPAGE ITEMS
FASTENER, PANEL	146004	MIL-F-5591	PANEL
		MIL-F-8490	EQPT RACK ACFT
		MIL-F-14187	REFRIGERATOR
		MIL-F-25173	CONTROL, ACFT
FASTENER, PARACHUTE PACK	146006	MS70092	PACK
		AN6572	TAB, OVAL
FASTENER, QUICK OPERATING, ROTARY	146007	MIL-F-22978	SPECIFICATION
		MS17731	FLUSH HEAD
		MS17732	FLOATING TYPE PROTRUDING HEAD
		NAS67	FLOATING TYPE GUIDE-FASTENER LOW FORM, COWL
FASTENER, ROTARY	146014	MIL-F-22978	QUICK OPERATING HIGH STRENGTH
		NAS547	QUICK OPERATING HIGH STRENGTH
FASTENER, SELF-LOCKING	146008	MS14108	CASE MOUNTING
		MS14109	ELECTRONIC EQUIP W/HLDG CLAMP
FASTENER, SLIDE	146009	V-F-106	INTERLOCKING
		AN229	INTERLOCKING
FASTENER, SNAP	146010	MIL-F-10884	SNAP, GENL SPEC
		MS27977	LARGE CURTAIN
		MS27979	MUDPRF CURTAIN TYPE

DOD-STD-35-23A(MI)

30 JUNE 1992

TABLE I. TITLE INDEX (CONT)

MSE TITLE	TITLE CODE	BASE DOCUMENT	
		NUMBER	COVERAGE
FASTENER, SNAP (CONT)	146010	MS27980	WIRE SPRING
			CLAMP, REGULAR
		MS27981	WIRE SPRING
			CLAMP, SMALL
		MS27982	PRONG, RING-ED
		MS27983	THREE WAY,
			LOCKING
		MS27984	SCALLOPED
			BUTTON HEAD
		MS27985	FUNNEL NECK
FASTENER, SNAPSLIDE	146011		BUTTON HEAD
		MS21323	RIVET TYPE
		MS21325	TUBULAR, SOLID
		MS21326	OR BUTTON
		MS21332	PLASTIC
FASTENER, TAPE, HOOK	146016		SUPPORT
		MIL-F-43573	
		MIL-S-1733	
FASTENER, TAPE, HOOK AND PILE	146012		
		MS21323	CRES, STUD
		MS21325	CRES, STUD
		MS21326	CRES, STUD
FASTENER, TAPE, PILE	146015		CRES, SLIDE
		MIL-F-21840	PILE SYNTHETIC
FASTENER, TAPE, HOOK AND PILE	146012	MIL-F-21840	SYNTHETIC
FASTENER, TAPE, PILE	146015	MIL-F-21840	HOOK SYNTHETIC

DOD-STD-35-23A(MI)

14 JANUARY 1983

## 2. REFERENCED DOCUMENTS

2.1 Issues of Documents. The following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this standard to the extent specified herein.

## SPECIFICATIONS

## FEDERAL

QQ-P-416                      Plating, Cadmium (electrodeposited)

V-F-106                      Fasteners, Slide, Interlocking

## MILITARY

MIL-F-5591                   Fasteners, Panel

MIL-F-8490                   Fastener, Case, for Equipment Rack  
System for Aircraft

MIL-F-10884                  Fasteners, Snap

MIL-F-21840                  Fastener Tapes, Hook and Pile, Synthetic

MIL-F-22978                  Fastener, Rotary, Quick Operating, High  
Strength

MIL-F-25173                  Fastener, Control Panel, Aircraft  
Equipment

MIL-F-43514                  Fastener, Plastic, for Equipage Items

MIL-H-6875                   Heat Treatment of Steels (Aircraft  
Practice) Process For

## STANDARDS

## FEDERAL

FED-STD-H28                   Screw-Thread Standards for Federal  
Services

FED-STD-151                  Metal, Test Methods

DOD-STD-35-23A(MI)  
30 JUNE 1992

FED-STD-191 Textile Test Methods

FED-STD-595 Colors

#### MILITARY

DOD-STD-35 Automated Engineering Document  
Preparation Ssystem

MIL-STD-130 Identification Marking of Military  
Property

MIL-STD-186 Protective Finishing Systems for Rockets,  
Guided Missiles, Support Equipment and  
Related Materials

MIL-STD-810 Environmental Test Methods

MIL-STD-1312 Fasteners, Test Methods

(Copies of specifications, standards, drawings, and publications 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 standard to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

ANSI B46.1 Surface Texture

(Application for copies should be addressed to American National Standards Institute (ANSI), 1430 Broadway, New York, N.Y. 10018.)

ASTM A370 Method and Definitions for Mechanical  
Testing of Steel Products

ASTM D2060 (Measuring Zippers, Standard Methods of  
Test For)

ASTM E8 Tension Testing of Metallic Materials,  
Methods Of

ASTM E10 Method of Test for Brinell Hardness of  
Metallic Materials

DOD-STD-35-23A(MI)

30 JUNE 1992

ASTME18	Rockwell Hardness and Rockwell Superficial Hardness of Metallic Materials, Test For
ASTME21	Elevated Temperature Tension Test of Metallic Material, Standard Practice for
ASTME380	Metric Practice Guide

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race St., Philadelphia, PA 19103.)

DOD-STD-35-23A(MI)  
9 MARCH 1979

### 3. DEFINITIONS

Definitions contained in DOD-STD-35 are applicable to Fasteners.



DOD-STD-35-23A(MI)

9 MARCH 1979

#### 4. GENERAL REQUIREMENTS

4.1 Introduction. In order to properly prepare an SRS for Fasteners, it is necessary to use DOD-STD-35 in conjunction with this dash-numbered part. In the event the instructions or the writing methodology are not followed, an AEDPS edit routine will print error messages rather than the desired MSE document.

4.2 Specification Requirement Sheet (SRS). SRS requirements described in DOD-STD-35 are applicable to Fasteners.

4.3 Configuration.

4.3.1 Dimensions. SRS requirements for dimensions described in DOD-STD-35 are applicable to Fasteners.

4.3.2 Illustrations. Illustrations applicable to Fasteners are contained in Appendix A to this document.

4.4 Units of measure. The International System of Units (SI) or inch-pound units (U.S.), may be used to specify characteristics (e.g. weight, dimensions). Refer to ASTM E380 for guidance in using SI. However, when different units of measure are available for specifying a characteristic, only one may be used. Both units of measure cannot appear in the same MSE.

DOD-STD-35-23A(MI)  
30 JUNE 1992

## 5. DETAILED REQUIREMENTS

5.1 Introduction. This section provides instructions for completion of the SRS and references for instructions on specific requirements contained in DOD-STD-35.

5.2 MSE formats. AEDPS has the capability to prepare a six-section or a single-section document. The six-section document appears similar to a six-section military specification. The single-section document appears similar to a military specification sheet. Specification requirements described in DOD-STD-35 are applicable to either of the formats selected. It is mandatory that one of the two following codes and an "X" be entered on the SRS to create the desired MSE format:

- a. 0700 for a six-section format
- b. 0800 for a single-section format

5.3 Referenced documents. Section 2 of the MSE may contain a list of all referenced documents within Sections 3, 4, and 5 of the MSE. Instructions for referencing documents to appear in Section 2 of the forthcoming MSE are contained in DOD-STD-35.

5.4 Deleted

DOD-STD-35-23A(MI)  
30 JUNE 1992

THIS PAGE DELETED

DOD-STD-35-23A(MI)  
9 MARCH 1979

5.5 Tabulation. Instructions for tabulation are provided in DOD-STD-35. Table III provides codes for column headings which may be used for Fasteners characteristics. When different units of measure within one system (U.S. or SI) are available for specifying a characteristic, only one of the units may be tabulated; e.g. either ounces or pounds.