

FOREWORD

This standard sets forth standard test procedures for determining tension-fatigue of bolts, screws and nuts at room temperature.

TABLE OF CONTENTS

Paragraph		Sheet
1.	SCOPE	3
1.1	Applicability	3
2.	REFERENCED DOCUMENTS.....	3
2.1	Government documents.....	3
2.1.1	Specifications, standards and handbooks	3
2.2	Other publications	3
3.	DEFINITIONS.....	3
4.	GENERAL REQUIREMENTS.....	3
4.1	Test apparatus	3
4.1.1	Fatigue test machine	3
4.1.1.1	Load measuring system	4
4.1.1.2	Load maintaining system	4
4.1.1.3	Calibration	4
4.1.2	Fixtures	4
4.1.2.1	Spacer	4
4.1.2.2	Test nuts	4
4.1.2.2.1	Reused test nuts	4
4.1.2.3	Test bolts	4
4.1.2.4	Limitations	4
4.1.2.5	Fixture alignment	4
4.1.2.6	Threaded adapters	4
4.2	Specimens	4
4.2.1	Testing of bolts	4
4.2.1.1	Protruding and flush head bolts.....	4
4.2.1.2	Coarse or special thread bolts	4
4.2.1.3	Grip length.....	4
4.2.2	Testing of nuts.....	4
4.2.2.1	Sample of bolts or studs	4
4.2.2.2	Nut and bolts assembly.....	4
4.2.2.3	Nut testing.....	5
4.2.2.4	Test results.....	5

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THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES DOD-STD-1312-111.
DESIGNATION FOR THIS TEST METHOD REMAINS DOD-STD-1312-111.

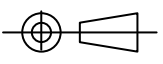
THIRD ANGLE PROJECTION		CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NONE		TITLE FASTENER TEST METHODS, METRIC METHOD 111 TENSION FATIGUE	CLASSIFICATION STANDARD PRACTICE NAM1312-111
			SHEET 1 OF 9

TABLE OF CONTENTS (CONTINUED)

Paragraph		Sheet
5.	DETAIL REQUIREMENTS.....	5
5.1	Test procedures	5
5.1.1	Bolts.....	5
5.1.1.1	Tension bolts	5
5.1.1.2	Shear bolts	5
5.1.1.3	Flush head bolts.....	5
5.1.1.4	Fatigue tests.....	5
5.2	Test conditions.....	5
5.2.1	Torque	5
5.2.2	Load level	5
5.2.3	Load ratio	5
5.2.4	Test speed	5
6.	NOTES.....	5
6.1	Test reports	5

FIGURES

Figure		Sheet
1	Loading cups.....	6
2	Nut, fatigue test, room temperature, for tension bolts	7
3	Nut, fatigue test, room temperature, for shear bolts.....	8

TABLES

Table		Sheet
I	Nut dimensions for testing tension bolts	9
II	Nut dimensions for testing shear bolts	9

1. SCOPE

- 1.1 Applicability. This test method establishes the procedure and equipment to be used for tension-fatigue testing of bolts, screws and nuts at room temperature.

2. REFERENCED DOCUMENTS

2.1 Government documents

- 2.1.1 Specifications, standards and handbooks. Unless otherwise specified, the following specifications, standards and handbooks of the issue listed in the current Department of Defense Index of Specifications and Standards (DoDISS) and the supplement thereto (if applicable) form a part of this standard to the extent specified herein.

Military

MIL-C-15074 Corrosion Preventive, Fingerprint Remover

Federal

FED-STD-H28/21 Screw Thread Standards for Federal Services Section 21, Metric Screw Threads.

Copies can be obtained from the Department of Defense Single Stock Point (DODSSP). <http://dodssp.daps.dla.mil>

- 2.2 Other publications. The following documents form a part of this specification to the extent specified herein. The issues of the documents which are indicated as DOD adopted shall be the issue in the current DoDISS and the supplement thereto, if applicable.

ASTM International

ASTM E1444 Standard Practice for Magnetic Particle Testing

Copies can be obtained from ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959. www.astm.org

SAE International

AMS2759 Heat Treatment of Steel Parts General Requirements

Copies can be obtained from SAE International, 400 Commonwealth Dr., Warrendale, PA 15096-0001. www.sae.org

ASME International

ASME B46.1 Surface Texture (Surface Roughness, Waviness, and Lay)

Copies can be obtained from ASME, Three Park Ave., New York, NY 10016-5990. www.asme.org

3. DEFINITIONS

Not applicable.

4. GENERAL REQUIREMENTS

4.1 Test apparatus

4.1.1 Fatigue test machine

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1

NAM1312-111
SHEET 3