Downloaded from http://www.everyspec.com

INCH-POUND

MIL-N-85353
AMENDMENT 1
23 NOVEMBER 1999

MILITARY SPECIFICATION

NUTS (FASTENERS), INTERNALLY THREADED,
PRELOAD LOCKING, 450°F, 800°F AND 1200°F,
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-N-85353, dated 15 JULY 1981, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 3

3.2 Delete and Substitute: "3.2 Qualification. The preload locking fastener manufacturer shall be responsible for conducting qualification tests and furnishing part drawings, certified qualification test reports (if required by the purchaser) and test samples. The nuts furnished under this specification shall be produced using the same manufacturing methods as those used to produce nuts that have passed qualification tests. The purchaser may apply any or all tests specified herein to any product represented as meeting this specification, at any time, to verify conformance."

3.2.1 Delete and Substitute: "3.2.1 Retention of Qualification. Requalification will be required in the event any change is made in the product design, construction, materials, method of manufacture, heat treatment, finish, lubricant, or manufacturer's part number or designation."

PAGE 5

4.3.1 Delete and Substitute: "4.3.1 Qualification Samples. Test samples shall be of the same material and manufactured by the same method as production parts. The number of nuts to be subjected to qualification tests shall be sufficient to perform the tests identified in Table I. The fastener specimens shall contain the thread form specified in MIL-N-85353/1. Bolts shall conform to Table II of this specification. "

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Downloaded from http://www.everyspec.com

4.3.3 Delete and Substitute: "4.3.3 Certified Test Report. The manufacturer shall maintain on file a certified test report showing that the manufacturer's product satisfactorily conforms to this specification. The test report shall include, as a minimum, actual results of the tests specified herein. A complete description and name of lubricating material used on the nuts shall be furnished. The manufacturer shall also maintain a dated drawing that completely describes the manufacturer's product. The drawing shall specify all dimensions and tolerances, material composition, coatings or platings applied, forming process, and heat treatment. The drawing shall also specify the manufacturer's part number for each size. Requalification will be required in the event any change is made in the product design, construction, materials, method of manufacture, heat treatment, finish, lubricant, or manufacturer's part number or designation."

PAGE 7

4.4 Delete and Substitute: "4.4 Failures. One or more failures shall constitute failure to meet the qualification criteria of this specification."

4.5 Delete and Substitute: "4.5 Retention of Qualification. To maintain product qualification status, manufacturers shall maintain on file, a certified qualification test report (See 4.3.2) available for inspection by the procuring activity. The retention of a certified qualification test report by the manufacturer signifies that the manufacturer has demonstrated compliance to the qualification requirements of this specification. Products previously qualified via government-certified qualification tests and reports shall be considered qualified to this specification."

PAGE 10

6.3 Delete and Substitute: "6.3 Qualification. Awards will be made only for products that meet the qualification requirements of this document at the time set for opening of bids. Internally threaded fasteners that have not been previously qualified via government-certified qualification tests and reports may be acquired, provided that certified qualification test reports for these fasteners are retained on file by the manufacturer along with the quality conformance inspection data, and they are made available to the buyer upon request."

6.3.1 Delete entire paragraph.

Custodians:	Preparing Activity:
Army - MI	DLA-IS
Navy - AS	
Air Force - 11	(Project 5310-2529)