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INCH-POUND

MIL-B-83050D
AMENDMENT 2
23 NOVEMBER 1999

MILITARY SPECIFICATION

BOLT, SELF-RETAINING, IMPEDANCE TYPE

This amendment forms a part of MIL-B-83050D, dated 25 NOVEMBER 1985, 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 self-retaining bolt 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 bolts furnished under this specification shall be produced using the same manufacturing methods as those used to produce bolts 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.

PAGE 4

3.5.5 Delete and Substitute:

"3.5.5 Dimensions. The retaining or impedance element shall be within the dimensional limitations of MS27576 and MS27577 (see 4.5.1.4)"

PAGE 8

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 bolts to be subjected to qualification tests shall be as specified in Table VII. Bolts shall have a grip length not less than 4 times the diameter.

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PAGE 8 (CONTINUED)

4.3.2 Delete and Substitute: "4.3.2 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. 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, 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 17

Add new paragraph:

"4.5.14 Protrusion of impedance element. Verification of impendance element protrusion may be by ring gauge."

PAGE 20

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. Bolts that have not been previously qualified via Government-certified qualification tests and reports may be acquired, provided that certified qualification test reports for these bolts are retained on file by the manufacturer along with the quality conformance inspection data, and they are made available to the buyer upon request."

PAGE 21

6.3.1 Delete entire paragraph

Custodians:	Preparing Activity:
Army - AV	DLA-IS
Navy -	
Air Force - 99	(Project 5306-2243)