

NOTICE OF INACTIVATION

MIL-S-8879C
NOTICE 2
12 August 1997
SUPERSEDING
NOTICE 1
14 May 1997

MILITARY SPECIFICATION

SCREW THREADS, CONTROLLED RADIUS ROOT WITH INCREASED MINOR
DIAMETER, GENERAL SPECIFICATION FOR

MIL-S-8879C, dated 25 July 1991, and AMENDMENT 1, dated 2 September 1992, are inactive. Department of Defense (DoD) organizations may only use MIL-S-8879 for reprourement of previously designed items.

- NOTES:
1. DoD will not maintain the technical contents of MIL-S-8879.
 2. MIL-S-8879C has not been canceled. It is available for use by any private sector firm, or non-DoD Government entity, that wishes to do so. See next page for a clarification of MIL-S-8879C's status.
 3. Copies of MIL-S-8879C will continue to be available from the Defense Automated Printing Service, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

Preparing activity:
OSD - SO

AMSC N/A

FSG 53

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

INACTIVATION OF MIL-S-8879C

Clarification of Intent

The DoD has dramatically changed the way it buys new systems and equipment; specifically, relying on performance specifications and leaving the responsibility for design decisions and internal processes, such as quality control, in the hands of the manufacturer. Military specifications and standards which prescribe particular design solutions and/or quality control protocols are no longer being cited as requirements in solicitations for new designs or in contracts for newly designed equipment.

In those situations where the use of performance specifications is not practicable, and a suitable, industry-accepted replacement non-government standard does not exist, DoD is retaining documents in “inactive” status. This means that DoD may only cite such a document when reprocurring previously designed items.

What does DoD’s inactivation of MIL-S-8879C mean to the non-DoD user?

If you are a purchaser of fasteners (or other threaded devices) for which MIL-S-8879C is cited on the drawing or in the technical data package, you may continue to cite MIL-S-8879C in your contracts. On the other hand, you may want to consult with the design control authority for the fastener/device application (typically the original equipment manufacturer of the end item on which the fastener/device is used) to ascertain if another thread geometry standard is technically equivalent and could be used without incurring unacceptable risk.

If you are the designer of an aircraft, or any system or subsystem intended for use on an aircraft or other safety critical application, you need to fully understand the various thread conformance verification methods cited in ASME B1.3M, “Screw Thread Gaging Systems for Dimensional Acceptability -- Inch and Metric Screw Threads,” and the implications for safety-critical applications of each method. In selecting a thread geometry standard, including MIL-S-8879C, you should ensure that the included default verification method is suitable for the intended application.

Any questions related to the inactivation of MIL-S-8879C should be directed to the Office of the Secretary of Defense, Standardization Program Division, 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466, or 703-681-9340.