This is a preview of "ISO 9139:1998". Click here to purchase the full version from the ANSI store.

First edition 1998-12-15

# Aerospace — Nuts, plain or slotted (castellated) — Procurement specification

Aéronautique et espace — Écrous ordinaires ou à créneaux — Spécification d'approvisionnement



## ISO 9139:1998(E)

This is a preview of "ISO 9139:1998". Click here to purchase the full version from the ANSI store.

## **Contents**

| 1 Scope  | 1  |
|--|----|
| 2 Normative references   | 1  |
| 3 Terms and definitions  | 2  |
| 4 Quality assurance  | 3  |
| 4.1 General  | 3  |
| 4.1.1 Approval of manufacturers                                | 3  |
| 4.1.2 Qualification of nuts                                    | 4  |
| 4.1.3 Production acceptance of nuts                            | 4  |
| 4.2 Qualification inspection and test conditions               | 4  |
| 4.3 Production acceptance inspection and test conditions       | 4  |
| 4.4 Use of "Statistical process control (SPC)"                 | 5  |
| 5 Technical requirements                                       | 5  |
| Annex A (normative) Types of permissible surface discontinuity | 17 |
| Annex B (informative) Cross-sectional area formula             | 18 |

### © ISO 1998

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet iso@iso.ch

Printed in Switzerland

This is a preview of "ISO 9139:1998". Click here to purchase the full version from the ANSI store.

### **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9139 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 4, *Aerospace fastener systems*.

Annex A forms an integral part of this International Standard. Annex B is for information only.