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Project No. 2009/01617

Responsible committee: ACE/012 Aerospace fasteners and fastening systems

Interested committees:

Title: EN 4013 Aerospace series — Shank nuts, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated — Classification 1 550 MPa (at ambient temperature) / 600 °C

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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THIS DRAFT IS NOT CURRENT BEYOND 16 July 2018**

This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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## Introduction

This draft standard is based on European discussions in which the UK has taken an active part. Your comments on this draft are welcome and will assist in the preparation of the consequent British Standard. Comment is particularly welcome on national, legislative or similar deviations that may be necessary.

Even if this draft standard is not approved by the UK, if it receives the necessary support in Europe, the UK will be obliged to publish the official English Language text unchanged as a British Standard and to withdraw any conflicting standard.

## UK Vote

Please indicate whether you consider the UK should submit a negative (with reasons) or positive vote on this draft.

## Submission of Comments

- The guidance given below is intended to ensure that all comments receive efficient and appropriate attention by the responsible BSI committee. **Annotated drafts are not acceptable and will be rejected.**
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- All comments submitted should be presented as given in the example below. Further information on submitting comments and how to obtain a blank electronic version of a comment form are available from the BSI website at:  
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## Template for comments and secretariat observations

|                  |                               |
|------------------|-------------------------------|
| Date: xx/xx/20xx | Document: <b>ISO/DIS xxxx</b> |
|------------------|-------------------------------|

| 1  | 2                                          | (3)                           | 4               | 5                                                                                                                                  | (6)                                                                      | (7)                                                |
|----|--------------------------------------------|-------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------|
| MB | Clause No./ Subclause No./Annex (e.g. 3.1) | Paragraph/ Figure/ Table/Note | Type of comment | Comment (justification for change) by the MB                                                                                       | Proposed change by the MB                                                | Secretariat observations on each comment submitted |
|    | 3.1                                        | Definition 1                  | ed              | Definition is ambiguous and needs clarifying.                                                                                      | Amend to read '...so that the mains connector to which no connection...' |                                                    |
|    | 6.4                                        | Paragraph 2                   | te              | The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK. | Delete reference to UV photometer.                                       |                                                    |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                             |
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| <p><b>ASD STANDARD</b><br/><b>NORME ASD</b><br/><b>ASD NORM</b></p> <p><b>Draft</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p><b>prEN 4013:20147</b></p> <p><b>Edition P 2</b></p> <p><b>2017-11-30</b></p>                                                                                                                                                            |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>PUBLISHED BY THE AEROSPACE AND DEFENCE INDUSTRIES ASSOCIATION OF EUROPE - STANDARDIZATION<br/>Gulledelle 94 - B-1200 Brussels - Tel +32 2 775 8126 - fax +32 2 763 3565 - <a href="http://www.asd-stan.org">www.asd-stan.org</a></p>     |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                             |
| <p>ICS:</p> <p>Descriptors:</p> <p><b>ENGLISH VERSION</b></p> <p><b>Aerospace series — Shank nuts, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated — Classification: 1 550 MPa (at ambient temperature) / 600 °C</b></p> <table border="0"> <tr> <td data-bbox="129 1055 794 1357"> <p><b>Luft- und Raumfahrt —<br/>Einnietmuttern, selbstsichernd, aus<br/>hochwarmfester<br/>Nickelbasislegierung NI-PH2601<br/>(Inconel 718), versilbert — Klasse: 1<br/>550 MPa (bei Raumtemperatur) /<br/>600 °C</b></p> </td><td data-bbox="794 1055 1495 1357"> <p><b>Série aérospatiale — Écrous à serrer,<br/>à freinage interne, en alliage<br/>résistant à chaud à base de nickel<br/>NI-PH2601 (Inconel 718), argentés —<br/>Classification : 1 550 MPa (à<br/>température ambiante ) / 600 °C</b></p> </td></tr> </table> |                                                                                                                                                                                                                                             | <p><b>Luft- und Raumfahrt —<br/>Einnietmuttern, selbstsichernd, aus<br/>hochwarmfester<br/>Nickelbasislegierung NI-PH2601<br/>(Inconel 718), versilbert — Klasse: 1<br/>550 MPa (bei Raumtemperatur) /<br/>600 °C</b></p> | <p><b>Série aérospatiale — Écrous à serrer,<br/>à freinage interne, en alliage<br/>résistant à chaud à base de nickel<br/>NI-PH2601 (Inconel 718), argentés —<br/>Classification : 1 550 MPa (à<br/>température ambiante ) / 600 °C</b></p> |
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| <p><b>Edition approved for publication</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>Comments should be sent within six months<br/>after the date of publication to<br/>ASD-STAN</p>                                                                                                                                          |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                             |