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Project No. 2009/01617

Responsible committee: ACE/012 Aerospace fasteners and fastening systems

Interested committees:

Title: EN 4496 Aerospace series - Screws, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium alloy, anodized, with aluminium pigmented coating Classification 1 100 MPa (at ambient temperature) / 315 °C

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- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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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.

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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: ISO/DIS xxxx
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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.	

**AECMA STANDARD
NORME AECMA
AECMA NORM**

prEN 4496

Edition P 1 2

September 1999 July 2017

PUBLISHED BY THE EUROPEAN ASSOCIATION OF AEROSPACE INDUSTRIES (AECMA)
Gulledelle 94 – B-1200 BRUXELLES – Tel. (+32) 2 775 8110 – Fax. (+32) 2 775 8111

ICS: 49.030.20

Descriptors: aircraft industry, aircraft equipment, screw, countersunk head screw, cross recess screw, titanium alloy, screw thread, specification, characteristic, dimension, mass, dimensional tolerance, surface treatment, designation, marking

ENGLISH VERSION

Aerospace series

**Screws, 100° countersunk normal head, offset cruciform recess,
close tolerance normal shank, short thread,
in titanium alloy, anodized, with aluminium pigmented coating
Classification: 1 100 MPa (at ambient temperature) / 315 °C**

**Série aéronautique
Vis à tête fraisée 100° normale,
à empreinte cruciforme déportée,
fût normal à tolérance serrée, filetage court,
en alliage de titane, anodisés,
avec revêtement aluminé-organique
Classification : 1 100 MPa
(à température ambiante) / 315 °C**

**Luft- und Raumfahrt
100° Senk-Paßschrauben,
mit Flügelkreuzschlitz,
kurzes Gewinde,
aus Titanlegierung, anodisiert,
mit Aluminium pigmentierte Beschichtung
Klasse: 1 100 MPa
(bei Raumtemperatur) / 315 °C**

This "Aerospace Series" Prestandard has been drawn up under the responsibility of AECMA (The European Association of Aerospace Industries). It is published on green paper for the needs of AECMA-Members. It has been technically approved by the experts of the concerned Technical Committee following comment by the Member countries.

Subsequent to the publication of this Prestandard, the technical content shall not be changed to an extent that interchangeability is affected, physically or functionally, without re-identification of the standard.

After examination and signature of the AECMA Standard Checking Centre (NPS) and formal agreement of the Official Services of the Member countries it will be submitted as a draft European Standard to CEN (European Committee for Standardization) for formal vote.

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Comments should be sent within six months
after the date of publication to
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C3 Chairman

Mr Visconti

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