Aerospace series - Rivet, 100° medium flush head, close tolerance - Inch series

EESTI STANDARDIKESKUS
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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 6101:2016 sisaldab Euroopa standardi EN 6101:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 6101:2016 consists of the English text of the European standard EN 6101:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 07.09.2016.	Date of Availability of the European standard is 07.09.2016.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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EUROPEAN STANDARD

NORME EUROPÉENNE

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EN 6101

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English Version

Aerospace series - Rivet, 100° medium flush head, close tolerance - Inch series

Série aérospatiale - Rivets de précision, 100° tête fraisée médium - Série en inches

Luft- und Raumfahrt - Vollniet, 100° Medium Senkkopf, enge Toleranz - Zoll-Reihe

This European Standard was approved by CEN on 11 March 2016.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 6101:2016) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2017, and conflicting national standards shall be withdrawn at the latest by March 2017.

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1 Scope

This European Standard specifies the dimensions, tolerances and mass of rivets with 100° medium flush head, close tolerance, inch series, for aerospace application.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2114, *Aluminium 1050A-H14 — Wire for solid rivets — D ≤ 10 mm*[1)]

EN 2115, *Aerospace series — Aluminium alloy 2117-T42 — Wire for solid rivets — D ≤ 10 mm*

EN 2116, *Aerospace series — Aluminium alloy 2017A-T42 — Wire for solid rivets — D ≤ 10 mm*

EN 2117, *Aerospace series — Aluminium alloy AL-P5056A (5056A)-H32 — Wire for solid rivets — D ≤ 10 mm*

EN 2424, *Aerospace series — Marking of aerospace products*

EN 2941, *Aerospace series — Nickel alloy rivets — Technical specification*

EN 3115, *Aerospace series — Aluminium alloy 7050-T73 — Wire for solid rivets — D ≤ 10 mm*

EN 4372, *Aerospace series — Heat resisting nickel alloy with copper NI-PD9001 (NiCu31) — Wire for solid rivets — D ≤ 10 mm*

EN 6104, *Aerospace series — Rivets, solid, in aluminium or aluminium alloy — Inch series — Technical specification*

EN 6118, *Aerospace series — Process specification — Aluminium base protection for fasteners*[1)]

ISO 8080, *Aerospace — Anodic treatment of titanium and titanium alloys — Sulfuric acid process*

SAE AMS 4982, *Titanium alloy wire 44.5 Cb*[2)]

SAE AMS-QQ-P-416, *Plating, cadmium (electrodeposited)*[2)]

MIL-A-8625, *Anodic coatings for aluminum and aluminum alloys*[3)]

MIL-C-5541, *Chemical conversion coatings on aluminium and aluminium alloys*[3)]

NAS 9800, *Head protrusion gaging, 100° flush head fasteners, gage block, gage diameters and stylus*[4)]

NASM 5674, *Rivets, structural, aluminium alloy, titanium columbium alloy, general specification for*[4)]

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1) Published as ASD-STAN Prestandard at the date of publication of this standard (www.asd-stan.org).

2) Published by: Society of Automotive Engineers (SAE), 400 Commonwealth Drive, Warrendale, PA 15096-0001.

3) Published by: Department of Defense(DoD), the Pentagon, Washington, D.C. 20301.

4) Published by: Aerospace Industries Association of America, Inc. (AIA), 1250 Eye Street, N.W., Washington, D.C. 20005-3924, USA