

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

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 6069:2010 sisaldab Euroopa standardi EN 6069:2009 ingliskeelset teksti.

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English Version

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

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

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

This European Standard was approved by CEN on 6 October 2009.

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Foreword

This document (EN 6069:2009) 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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

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1 Scope

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

2 Normative references

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

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

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

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

EN 2424:2008, *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 — $D \leq 10$ mm*

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

EN 6104, *Aerospace series — Rivets, solid, in aluminium or aluminium alloy — Inch series — Technical specification¹⁾*

EN 6118, *Aerospace series — Process specification — Aluminium base protection for fasteners¹⁾*

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

AMS 4982, *Titanium alloy wire 44.5 Cb²⁾*

MIL-DTL-5541, *Military specification, Chemical conversion coatings on aluminium and aluminium alloys³⁾*

MIL-A-8625, *Military specification, Anodic coatings for aluminium and aluminium alloys³⁾*

NASM5674, *Rivets, structural, aluminium alloy, titanium columbium alloy, general specification for⁴⁾*

NAS9800, *Head protrusion gaging, 100° flush head fasteners, gage block, gage diameters and stylus⁴⁾*

1) Published as ASD-STAN Prestandard at the date of publication of this standard by Aerospace and Defence Industries Association of Europe-Standardization (ASD-STAN), (www.asd-stan.org).

2) Published by: Society of Automotive Engineers (SAE), (www.sae.org).

3) Published by: American Society for Testing and Materials (ASTM), (www.astm.org).

4) Published by: Aerospace Industries Association/ National Aerospace Standards (AIA/NAS), (www.aia.aerospace.org).