SLOVENSKI STANDARD
kSIST FprEN 6080:2015

01-november-2015

Aeronavtika - Kovice, 100° ugrezna glava, ozka toleranca - Colska izvedba

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

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

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

Ta slovenski standard je istoveten z: **FprEN 6080**

ICS:

49.030.60	Kovice	Rivets

kSIST FprEN 6080:2015	**en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

FINAL DRAFT
FprEN 6080

October 2015

ICS

English Version

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

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

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This draft European Standard is submitted to CEN members for formal vote. It has been drawn up by the Technical Committee ASD-STAN.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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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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Contents

European foreword

This document (FprEN 6080:2015) 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 European 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 document is currently submitted to the Formal Vote.

1 Scope

This European Standard specifies the dimensions, tolerances and masses of rivets with 100° normal 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 2115, *Aerospace series — Aluminium alloy 2117-T4 — Wire for solid rivets — D ≤10 mm*[1)]

EN 2116, *Aerospace series — Aluminium alloy 2017A-H13 — Wire for solid rivets — D ≤10 mm*[2)]

EN 2117, *Aerospace series — Aluminium alloy 5056A-H32 — Wire for solid rivets — D ≤10 mm*[2)]

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

EN 2941, *Aerospace series — Nickel alloy rivets — Technical specification*[3)]

EN 3115, *Aerospace series — Aluminium alloy AL-P7050- — Wire for solid rivets — D ≤10 mm*[3)]

EN 4372, *Aerospace series — Heat resisting alloy NI-PD9001 (NiCu31) — Non heat treated — Wire for rivets — D ≤10 mm*[3)]

EN 6101, *Aerospace series — Rivet, 100° medium flush head close tolerance — Inch series*[3)]

EN 6104, *Aerospace series — Rivets, solid, in aluminium or aluminium alloy — Inch series — Technical specification*[3)]

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

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

AMS 4982, *Titanium alloy wire 44.5 Cb*[4)]

MIL-A-8625, *Anodic coatings for aluminum and aluminum alloys*[5)]

MIL-C-5541, *Chemical conversion coatings on aluminium and aluminium alloys*[5)]

NAS 527, *Inspection procedure for flush fasteners*[6)]

NASM 5674, *Rivets, structural, aluminium alloy, titanium columbium alloy, general specification for*[6)]

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1) In preparation at the date of publication of this European Standard.

2) Published as ASD-STAN standard at the date of publication of this European Standard.

3) Published as ASD-STAN Prestandard at the date of publication of this European Standard.

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

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

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