

Aerospace series - Blind bolt, protruding head, high strength, pulltype

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 6129:2016 sisaldab Euroopa standardi EN 6129:2016 ja selle paranduse AC:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 6129:2016 consists of the English text of the European standard EN 6129:2016 and its corrigendum AC:2017.
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English Version

Aerospace series - Blind bolt, protruding head, high strength, pulltype

Série aérospatiale - Boulon aveugle, tête protubérante,
haute résistance, installation en tirant

Luft- und Raumfahrt - Blindniet, Universalkopf,
hochfest (Zugtyp)

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

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This document consolidates EN 6129:2016 and the corrigendum EN 6129:2016/AC:2017.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 6129:2016) 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of an identical text or by endorsement, at the latest by March 2017, and conflicting national standards shall be withdrawn at the latest by March 2017.

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This document includes the corrigendum EN 6129:2016/AC:2017 which corrects the figure in Clause 4.

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1 Scope

This standard specifies the configuration, dimension, tolerances and mass of a stainless steel blind bolt with protruding head, 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 2424, *Aerospace series — Marking of aerospace products*

EN 4473, *Aerospace series — Aluminium pigmented coatings for fasteners — Technical specification*¹⁾

AS 5272, *Lubricant, Solid Film, Heat Cured, Corrosion Inhibiting Procurement Specification*²⁾

SAE AMS 5687, *Nickel Alloy, Corrosion and Heat-Resistant, Wire 74Ni — 15,5Cr — 8,0Fe — Annealed*²⁾

SAE AMS 5737, *Steel, corrosion and heat-resistant, bars, wire, forgings and tubing 15Cr — 25.5Ni — 1.2Mo — 2.1Ti — 0.006B — 0.30V, consumable electrode melted, 1650 °F (899 °C), solution and precipitation heat treated*²⁾

AMS-QQ-P-35, *Passivation treatments for Corrosion-Resistant Steel*²⁾

MIL-PRF-46010F, *Lubricant, Solid Film, Heat cured, Corrosion Inhibiting NATO Code-S-1738*³⁾

SAE AS 87132, *Lubricant, Cetyl Alcohol, 1- Hexadecanol, Application to fasteners*³⁾

DOD-L-85645, *Lubricant, Dry Thin Film, Molecular Bonded*³⁾

NASM 8975, *Fasteners, Blind, High Strength, Installation Formed, Corrosion Resistant Steel, Heat Resistant Steel and Titanium, General Specification for*⁴⁾

3 Requirements

3.1 Configuration, dimensions and tolerances

The configuration, dimensions, tolerances, static and dynamic values shall conform to Figures 1 and 2 and Tables 1 and 2.

3.2 Grip range and weight

See Tables 3 and 4.

¹⁾ Published as AECMA Prestandard at the date of publication of this standard.

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

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

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