

STN	Letectvo a kozmonautika Kíbové hlavice s ložiskami podľa EN 4265 z nehrdzavejúcej ocele, so stopkou s vnútorným závitom Rozmery a zaťaženia Palcový rad	STN EN 6057 31 4787
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Aerospace series - Rod-end with bearing EN 4265 in corrosion resisting steel, internal threaded shank - Dimensions and loads, Inch series

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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EUROPEAN STANDARD

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English Version

**Aerospace series - Rod-end with bearing EN 4265 in
corrosion resisting steel, internal threaded shank -
Dimensions and loads, Inch series**

Série aérospatiale - Embout à rotule lisse suivant EN 4265, en acier résistant à la corrosion, avec filetage intérieur - Dimensions et charges - Série en inches

Luft- und Raumfahrt - Ösenkopf mit Gelenklager nach EN 4265 aus korrosionsbeständigem Stahl, mit Innengewinde - Maße und Belastungen, Inch Reihe

This European Standard was approved by CEN on 6 January 2020.

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

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European foreword

This document (EN 6057:2020) 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-STAN, 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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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EN 6057:2020(E)**Introduction**

This document is published at edition P2. Former P1 and drafts may exist of Airbus development only but without any ASD-STAN official publication. In consequence configuration management discrepancies with these unofficial documents are under Airbus responsibility.

1 Scope

This European standard specifies the characteristics of adjustable rod-ends consisting of:

- a spherical plain bearing, metal to metal, in corrosion resisting steel, wide series (EN 4265)
- a rod-end with internal threaded shank

They are intended for use in fixed or moving parts of the aircraft structure and their control mechanisms.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 2133, *Aerospace series — Cadmium plating of steels with specified tensile strength ≤ 1450 MPa, copper, copper alloys and nickel alloys*

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

EN 4265, *Aerospace series — Bearing spherical plain, metal-to-metal in corrosion resisting steel — Wide series — Dimensions and loads — Inch series*

EN 6099, *Aerospace series — Rod-end with plain bearing — Technical specification*¹

ISO 1132-1, *Rolling bearings — Tolerances — Definitions*

ISO 3161, *Aerospace — UNJ threads — General requirements and limit dimensions*

ISO 8074, *Aerospace — Surface treatment of austenitic stainless steel parts*

MIL-PRF-23827, *Grease, aircraft and instrument, gear and actuator screw, NATO Code Nummer G-354, metric*²

MIL-PRF-46010, *Lubricant, solid film, heat cured, corrosion-inhibiting*²

MIL-PRF-81322, *Grease, aircraft, general purpose, wide temperature range*²

SAE AMS 5643, *Steel, corrosion resistant, bars, wire, forgings, tubing, and rings 16Cr-4.0Ni-0.30(Cb+Ta)-4.0Cu solution heat treated, precipitation hardenable*³

TR 4475, *Aerospace series — Bearings and mechanical transmissions for airframe applications — Vocabulary*⁴

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: Department of Defense (DoD), the Pentagon, Washington, D.C., 20307, USA

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