

STN	Letectvo a kozmonautika Kíbové ložiská z nehrdzavejúcej ocele, so samomaznou vrstvou, zvýšeným zaťažením pri nízkom kmitaní Široký rad Rozmery a zaťaženia Časť 2: Palcový rad	STN EN 4539-2 31 4825
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Aerospace series - Bearing, spherical, plain, in corrosion resisting steel with self-lubricating liner - Elevated load under low oscillations - Wide series - Dimensions and loads - Part 2: Inch series

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/20

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EUROPEAN STANDARD

EN 4539-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Aerospace series - Bearing, spherical, plain, in corrosion
resisting steel with self-lubricating liner - Elevated load
under low oscillations - Wide series - Dimensions and
loads - Part 2: Inch series**

Série aérospatiale - Rotules lisses, en acier résistant à
la corrosion à garniture autolubrifiante - À charge
élevée sous faibles oscillations - Série large -
Dimensions et charges - Partie 2 : Série en inches

Luft- und Raumfahrt - Gelenklager aus
korrosionsbeständigem Stahl mit selbstschmierender
Beschichtung - Hohe Belastung, gering oszillierend -
Breite Reihe - Maße und Belastungen - Teil 2: Inch-
Reihe

This European Standard was approved by CEN on 2 December 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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 4539-2:2019) 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 April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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 4539-2:2019 (E)**1 Scope**

This European standard specifies the characteristics of spherical plain bearing in corrosion resistant steel, with self-lubricating liner, wide series, elevated load under low oscillations applications.

They shall be used in the temperature range -55 °C to 163 °C .

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 2030, *Aerospace series — Steel X105CrMo17 (1.3544) — Hardened and tempered — Bars — $D_e \leq 150\text{ mm}$*

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

EN 3161, *Aerospace series — Steel FE-PM3801 (X5CrNiCu17-4) — Air melted, solution treated and precipitation treated, bar a or $D \leq 200\text{ mm}$, $R_m \geq 930\text{ MPa}$*

EN 4540, *Aerospace series — Bearings, spherical plain, in corrosion resisting steel with self-lubricating liner, Elevated load under low oscillations — Technical specification*

ISO 1132-1, *Rolling bearings — Tolerances — Part 1: Terms and definitions*

ISO 8075, *Aerospace — Surface treatment of hardenable stainless steel parts*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN