

STN	Letectvo a kozmonautika. Kíbové ložiská z nehrdzavejúcej ocele, so samomaznou vrstvou, zvýšeným zaťažením pri nízkom kmitaní. Úzky rad. Rozmery a zaťaženia. Časť 2: Palcový rad.	STN EN 4538-2 31 4824
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Aerospace series - Bearings, spherical plain, in corrosion resisting steel with self-lubricating liner elevated load under low oscillations - Narrow 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. 11/14

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EUROPEAN STANDARD

EN 4538-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2014

ICS 49.035

English Version

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

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

Luft- und Raumfahrt - Gelenklager, aus
korrosionsbeständigem Stahl mit selbstschmierender
Beschichtung, hohe Belastung bei geringer Drehbewegung
- Schmale Reihe - Maße und Belastungen - Teil 2: Inch
Reihe

This European Standard was approved by CEN on 21 March 2013.

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

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Foreword

This document (EN 4538-2:2014) 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of an identical text or by endorsement, at the latest by January 2015, and conflicting national standards shall be withdrawn at the latest by January 2015.

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1 Scope

This European Standard specifies the characteristics of spherical plain bearing in corrosion resistant steel, with self-lubricating liner, narrow 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, 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 2030, *Aerospace series — Steel X105CrMo17 (1.4125) — Hardened and tempered — Bars — $D_e \leq 150$ mm* ¹⁾

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 $D \leq 200$ mm, $R_m \geq 930$ 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

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