

**Aerospace series –
Magnesium alloy MG-C46001 – T6 – Sand casting**

Europastandarden EN 2731:2005 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 2731:2005.

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English Version

Aerospace series - Magnesium alloy MG-C46001 - T6 - Sand casting

Série aérospatiale - Alliage de magnésium MG-C46001 -
T6 - Produit coulé en sable

Luft- und Raumfahrt - Magnesiumlegierung MG-C46001 -
T6 - Sandgußstück

This European Standard was approved by CEN on 22 April 2005.

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Foreword

This document (EN 2731:2005) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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of an identical text or by endorsement, at the latest by February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

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

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EN 2731:2005 (E)**Introduction**

This standard is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

This standard has been prepared in accordance with EN 4500-2.

1 Scope

This standard specifies the requirements relating to:

Magnesium alloy MG-C46001
T6
Sand casting

for aerospace applications.

2 Normative references

The following referenced documents are indispensable for the application 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 2076-3, *Aerospace series — Aluminium and magnesium alloy ingots and castings — Technical specification — Part 3: Pre-production and production castings*

EN 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use.*

EN 4500-2, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 2: Specific rules for aluminium, aluminium alloys and magnesium alloys.*¹⁾

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