

STN	Hliník a zliatiny hliníka Tvárnený materiál na kovanie Časť 2: Mechanické vlastnosti	STN EN 603-2 42 4000
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Aluminium and aluminium alloys - Wrought forging stock - Part 2: Mechanical properties

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. 11/24

Obsahuje: EN 603-2:2024

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EN 603-2

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Supersedes EN 603-2:1996

English Version

**Aluminium and aluminium alloys - Wrought forging stock -
Part 2: Mechanical properties**

Aluminium et alliages d'aluminium - Produits corroyés
destinés à la forge - Partie 2 : Caractéristiques
mécaniques

Aluminium und Aluminiumlegierungen -
Stranggepresstes oder gewalztes
Schmiedevormaterial - Teil 2: Mechanische
Eigenschaften

This European Standard was approved by CEN on 14 July 2024.

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

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EN 603-2:2024 (E)

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European foreword

This document (EN 603-2:2024) has been prepared by Technical Committee CEN/TC 132 “Aluminium and aluminium alloys”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

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.

This document supersedes EN 603-2:1996.

EN 603-2:2024 includes the following significant technical changes with respect to EN 603-2:1996:

- application of last CEN template to the introductory text of Clause 2 Normative references;
- replacement of withdrawn standard EN 10002-1 by EN ISO 6892-1 in Clause 2 Normative references;
- application of last CEN template to Clause 3 Terms and definitions;
- introduction of Standard EN ISO 6892-1 instead of withdrawn standard EN 10002-1 in Clause 4 Tensile testing;
- move of former text from Note in Table 9 to Clause 6;
- introduction of mechanical properties for alloy EN AW-2033 in new Table 3;
- introduction of mechanical properties for alloy EN AW-2077 in new Table 4;
- introduction of mechanical properties for alloy EN AW-6026 in new Table 7;
- minor text changes.

EN 603 comprises the following parts under the general title *Aluminium and aluminium alloys - Wrought forging stock*:

- *Part 1: Technical conditions for inspection and delivery;*
- *Part 2: Mechanical properties;*
- *Part 3: tolerances on dimensions and form.*

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

EN 603-2:2024 (E)**1 Scope**

This document, part of EN 603 series of standards, specifies the mechanical properties of wrought forging stock in aluminium and aluminium alloys for general engineering applications.

The chemical composition and temper designations for these alloys are specified in EN 573-3 and EN 515 respectively.

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 2004-1, *Aerospace series — Test methods for aluminium and aluminium alloy products — Part 1: Determination of electrical conductivity of wrought aluminium alloys*

EN ISO 6892-1, *Metallic materials — Tensile testing — Part 1: Method of test at room temperature (ISO 6892-1)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN