

STN	Letectvo a kozmonautika Oceľ 36NiCrMo16 (1.6773), 1 000 MPa $\leq R_m \leq$ 1 200 MPa, tyče 100 mm $\leq D \leq$ 250 mm	STN EN 4904 31 2899
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Aerospace series - Steel 36NiCrMo16 (1.6773) - 1 000 MPa $\leq R_m \leq$ 1 200 MPa - Bars - 100 mm $\leq D \leq$ 250 mm

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. 04/23

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EUROPEAN STANDARD

EN 4904

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Aerospace series - Steel 36NiCrMo16 (1.6773) - 1 000 MPa
 $\leq R_m \leq 1\,200$ MPa - Bars - $100\text{ mm} \leq D \leq 250\text{ mm}$**

Série aérospatiale - Acier 36NiCrMo16 (1.6773) - 1 000
MPa $\leq R_m \leq 1\,200$ MPa - Barres - $100\text{ mm} \leq D \leq 250$
mm

Luft- und Raumfahrt - Stahl 36NiCrMo16 (1.6773) - 1
000 MPa $\leq R_m \leq 1\,200$ MPa - Stangen - $100\text{ mm} \leq D \leq$
250 mm

This European Standard was approved by CEN on 2 October 2022.

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.

CEN members are the national standards bodies of 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 United Kingdom.



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

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EN 4904:2022 (E)

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European Foreword

This document (EN 4904:2022) 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 document 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 June 2023, and conflicting national standards shall be withdrawn at the latest by June 2023 .

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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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.

EN 4904:2022 (E)**Introduction**

This document 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 document has been prepared in accordance with EN 4500-005.

1 Scope

This document specifies the requirements relating to:

Steel 36NiCrMo16 (1.6773)

$1\ 000\ \text{MPa} \leq R_m \leq 1\ 200\ \text{MPa}$

Bars

$100\ \text{mm} \leq D \leq 250\ \text{mm}$

for aerospace applications.

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 2951, *Aerospace series — Metallic materials — Micrographic determination of content of non-metallic inclusions*

EN 4050-4, *Aerospace series — Test method for metallic materials — Ultrasonic inspection of bars, plates, forging stock and forgings — Part 4: Acceptance criteria*

EN 4700-002, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 002: Bars and sections*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN