

STN	Kovové prášky Stanovenie pevnosti pričným lomom pravouhlých výliskov (ISO 3995: 2023)	STN EN ISO 3995 42 0761
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Metallic powders - Determination of green strength by transverse rupture of rectangular compacts (ISO 3995:2023)

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. 08/23

Obsahuje: EN ISO 3995:2023, ISO 3995:2023

Oznámením tejto normy sa ruší
STN EN 23995 (42 0761) z októbra 2001

137357

EUROPEAN STANDARD

EN ISO 3995

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2023

ICS 77.040.10; 77.160

Supersedes EN 23995:1993

English Version

Metallic powders - Determination of green strength by transverse rupture of rectangular compacts (ISO 3995:2023)

Poudres métalliques - Détermination de la résistance à la rupture transversale de comprimés rectangulaires à cru (ISO 3995:2023)

Metallpulver - Bestimmung der Presskörperfestigkeit von Probekörpern mit rechteckigem Querschnitt unter Biegebeanspruchung (ISO 3995:2023)

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EN ISO 3995:2023 (E)

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European foreword

This document (EN ISO 3995:2023) has been prepared by Technical Committee ISO/TC 119 "Powder metallurgy" in collaboration with CCMC.

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of an identical text or by endorsement, at the latest by December 2023, and conflicting national standards shall be withdrawn at the latest by December 2023.

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Endorsement notice

The text of ISO 3995:2023 has been approved by CEN as EN ISO 3995:2023 without any modification.

INTERNATIONAL STANDARD

ISO 3995

Third edition
2023-06

Metallic powders — Determination of green strength by transverse rupture of rectangular compacts

*Poudres métalliques — Détermination de la résistance à la rupture
transversale de comprimés rectangulaires à cru*



Reference number
ISO 3995:2023(E)

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Published in Switzerland

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 119, *Powder metallurgy*, Subcommittee SC 2, *Sampling and testing methods for powders (including powders for hardmetals)*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS M11, *Powder metallurgy*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 3995:1985), which has been technically revised.

The main changes are as follows:

- allowing automated compacting sequence in [7.4](#);
- adding second compacting pressure option and tighter tolerance in [7.5](#);
- mandatory reporting of lubrication technique and lubrication details in Clause [9](#);
- replacing stearic acid by synthetic wax;
- removing the use of solvent.

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Metallic powders — Determination of green strength by transverse rupture of rectangular compacts

1 Scope

This document specifies a method for the determination of green strength by measuring the transverse rupture strength of compacts of rectangular cross-section.

2 Normative references

There are no normative references in this document.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN