



SLOVENSKI STANDARD SIST EN ISO 3995:2023

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Kovinski praški - Določanje zelene trdnosti s prečnim prelomom pravokotnih kompakto (ISO 3995:2023)

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

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

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

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Ta slovenski standard je istoveten z: EN ISO 3995:2023

ICS:

77.040.10 Mehansko preskušanje kovin Mechanical testing of metals

77.160 Metalurgija prahov Powder metallurgy

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EUROPEAN STANDARD

EN ISO 3995

NORME EUROPÉENNE

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English Version

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

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This European Standard was approved by CEN on 3 June 2023.

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of an identical text or by endorsement, at the latest by December 2023, and conflicting national standards shall be withdrawn at the latest by December 2023.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

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Foreword

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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.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.