

SVENSK STANDARD

SS-EN ISO 13517:2020

Metalliska pulver – Bestämning av flytförmåga medelst en kalibrerad tratt (Gustavsson Flowmeter) (ISO/FDIS 13517:2020)

Metallic powders – Determination of flow rate by means of a calibrated funnel (Gustavsson flowmeter) (ISO 13517:2020)



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Standarden är framtagen av kommittén för Pulvermetallurgi, SIS/TK 133.

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Europastandarden EN ISO 13517:2020 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN ISO 13517:2020.

Denna standard ersätter SS-EN ISO 13517:2013, utgåva 1

The European Standard EN ISO 13517:2020 has the status of a Swedish Standard. This document contains the official version of EN ISO 13517:2020.

This standard supersedes the SS-EN ISO 13517:2013, edition 1

EUROPEAN STANDARD

EN ISO 13517

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2020

ICS 77.160

Supersedes EN ISO 13517:2013

English Version

**Metallic powders - Determination of flow rate by
means of a calibrated funnel (Gustavsson flowmeter)
(ISO 13517:2020)**

Poudres métalliques - Détermination du temps
d'écoulement au moyen d'un entonnoir calibré (cône
d'écoulement de Gustavsson) (ISO 13517:2020)

Metallpulver - Ermittlung der Durchflussrate
mit Hilfe eines kalibrierten Trichters
(Gustavsson flowmeter) (ISO 13517:2020)

This European Standard was approved by CEN on 1 May 2020.

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.

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

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Foreword

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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 documents 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 second edition cancels and replaces the first edition (ISO 13517:2013), which has been technically revised.

The main changes compared to the previous edition are as follows:

- tolerance for the funnel angle has been added;
- reference grit has been used instead of Chinese emery grit;
- the mandatory [Clauses 2](#) and [3](#) (Normative references and Terms and definitions) have been added and the subsequent clauses have been renumbered.

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.

European foreword

This document (EN ISO 13517:2020) 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 November 2020, and conflicting national standards shall be withdrawn at the latest by November 2020.

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The text of ISO 13517:2020 has been approved by CEN as EN ISO 13517:2020 without any modification.