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Third edition
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Sintered metal materials, excluding hardmetals — Preparation of samples for chemical analysis for determination of carbon content

*Matériaux métalliques frittés, à l'exclusion des métaux-durs —
Préparation des échantillons pour analyse chimique en vue du
dosage du carbone*



Reference number
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Foreword

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ISO 7625 was prepared by Technical Committee ISO/TC 119, *Powder metallurgy*, Subcommittee SC 3, *Sampling and testing methods for sintered metal materials (excluding hardmetals)*.

This third edition of ISO 7625 cancels and replaces the second edition (ISO 7625; 2006), which has been technically revised in Clause 6.

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Introduction

The chemical analysis of sintered metal materials, excluding hardmetals, is carried out as it would be for solid metals, by using existing standard methods. However, as these sintered materials very often contain carbonaceous constituents, the correct determination of carbon content (free or total) requires that certain precautions be taken when preparing the sample for analysis from components.

Samples prepared in accordance with this International Standard may also be suitable for chemical analysis for other elements.