

Translated English of Chinese Standard: GB/T6885-2020

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 77.160

H 70

GB/T 6885-2020

Replacing GB/T 6885-1986

**Hardmetals – Sampling and Testing Method of Mixed
Powders**

硬质合金 混合粉取样和试验方法

(ISO 4884:1978, Hardmetals – Sampling and Testing of Powders Using
Sintered Test Pieces, NEQ)

Issued on: March 06, 2020

Implemented on: February 01, 2021

**Issued by: State Administration for Market Regulation;
Standardization Administration of PRC.**

Table of Contents

Foreword	3
1 Scope	4
2 Normative References.....	4
3 Terms and Definitions.....	5
4 Sampling	5
5 Preparation of the Test Piece	5
6 Test Methods	5

Foreword

This Standard was drafted as per the rules specified in GB/T 1.1-2009.

This Standard replaced GB/T 6885-1986 *Hardmetals - Sampling and Testing of Mixed Powder*. Compared with GB/T 6885-1986, this Standard made the major technical changes as follows besides the editorial modifications:

- Modify the description of batching in sampling (see 4.2 of this Edition; 3.2 of 1986 Edition);
- Modify the process requirements for preparation of test pieces (see Clause 5 of this Edition; Clause 4 of 1986 Edition);
- Add the test methods for the Vickers hardness of hardmetals (see Clause 6 of this Edition).

This Standard was formulated by using the re-drafting method and referring to ISO 4884:1978 *Hardmetals – Sampling and Testing of Powders Using Sintered Test Pieces*; the degree of consistency between this Standard and ISO 4884:1978 is inequivalent.

This Standard was proposed by China Non-Ferrous Metals Industry Association.

This Standard shall be under the jurisdiction of National Technical Committee for Standardization of Non-ferrous Metals (SAC/TC 243).

Drafting organizations of this Standard: Zhuzhou Cemented Carbide Group Co., Ltd.; Zigong Cemented Carbide Co., Ltd.; and Shenzhen Zhucheng Science and Technology Co., Ltd.

Chief drafting staffs of this Standard: Mao Shanwen, Yao Xiongzhi, Liang Hong, Liu Tiemei, Zhang Yue, and Li Siyuan.

The historical edition replaced by this Standard is as follows:

- GB/T 6885-1986.

Hardmetals – Sampling and Testing Method of Mixed Powders

1 Scope

This Standard specifies mixed powder sampling, test piece preparation and test methods for determining the properties of hardmetals by sintering test pieces.

This Standard is applicable to the sampling and test methods of mixed powder of hardmetals.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

GB/T 3488.1 Hardmetals - Metallographic Determination of Microstructure - Part 1: Photomicrographs and Description

GB/T 3489 Hardmetals - Metallographic Determination of Porosity and Uncombined Carbon

GB/T 3848 Hardmetals - Determination of (the Magnetization) Coercivity

GB/T 3849.1 Hardmetals - Rockwell Hardness Test (Scale A) - Part 1: Test Method

GB/T 3850 Impermeable Sintered Metal Materials and Hardmetals - Determination of Density

GB/T 3851 Hardmetals - Determination of Transverse Rupture Strength

GB/T 5314 Powders for Powder Metallurgical Purposes - Sampling

GB/T 7997 Hardmetals - Vickers Hardness Test

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----