

STN	Jemná keramika (špeciálna keramika, špeciálna technická keramika). Vrubová skúška hodnotenia adhézie keramických povlakov podľa Rockwella (ISO 26443: 2008).	STN EN ISO 26443
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Fine ceramics (advanced ceramics, advanced technical ceramics) - Rockwell indentation test for evaluation of adhesion of ceramic coatings (ISO 26443:2008)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Fine ceramics (advanced ceramics, advanced technical ceramics) - Rockwell indentation test for evaluation of adhesion of ceramic coatings (ISO 26443:2008)

Céramiques techniques - Évaluation de l'adhérence des revêtements céramiques par l'essai de pénétration Rockwell (ISO 26443:2008)

Hochleistungskeramik - Rockwell-Eindringprüfung zur Bewertung der Haftung von keramischen Schichten (ISO 26443:2008)

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Contents	Page
European foreword.....	3

European foreword

The text of ISO 26443:2008 has been prepared by Technical Committee ISO/TC 206 “Fine ceramics” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 26443:2016 by Technical Committee CEN/TC 184 “Advanced technical ceramics” the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by October 2016, and conflicting national standards shall be withdrawn at the latest by October 2016.

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Endorsement notice

The text of ISO 26443:2008 has been approved by CEN as EN ISO 26443:2016 without any modification.

**Fine ceramics (advanced ceramics,
advanced technical ceramics) —
Rockwell indentation test for evaluation
of adhesion of ceramic coatings**

*Céramiques techniques — Évaluation de l'adhérence des revêtements
céramiques par l'essai de pénétration de Rockwell*



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Foreword

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ISO 26443 was prepared by Technical Committee ISO/TC 206, *Fine ceramics*.

Fine ceramics (advanced ceramics, advanced technical ceramics) — Rockwell indentation test for evaluation of adhesion of ceramic coatings

1 Scope

This International Standard specifies a method for the qualitative evaluation of the adhesion of ceramic coatings up to 20 µm thick by indentation with a Rockwell diamond indenter. The formation of cracks after indentation may also reveal cohesive failure. The indentations are made with a Rockwell hardness test instrument.

The method described in this International Standard may also be suitable for evaluating the adhesion of metallic coatings.

The test is not suitable for elastic coatings on hard substrates.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6508-1, *Metallic materials — Rockwell hardness test — Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T)*

ISO 6508-2, *Metallic materials — Rockwell hardness test — Part 2: Verification and calibration of testing machines (scales A, B, C, D, E, F, G, H, K, N, T)*

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