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BS EN ISO 1797-3:2013



BSI Standards Publication

Dentistry — Shanks for rotary instruments —

Part 3: Shanks made of ceramics

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This British Standard is the UK implementation of EN ISO 1797-3:2013.

The UK participation in its preparation was entrusted by Technical Committee CH/106, Dentistry, to Subcommittee CH/106/4, Dental Instruments and Equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Foreword

This document (EN ISO 1797-3:2013) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" 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of an identical text or by endorsement, at the latest by September 2013, and conflicting national standards shall be withdrawn at the latest by September 2013.

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Dentistry — Shanks for rotary instruments —

Part 3: Shanks made of ceramics

1 Scope

This part of ISO 1797 specifies ceramic shanks of rotary instruments used in dentistry and gives measurement methods for the verification of the dimensions.

2 Normative references

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

ISO 1942, *Dentistry — Vocabulary*

ISO 3274, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Nominal characteristics of contact (stylus) instruments*

ISO 4288, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Rules and procedures for the assessment of surface texture*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 8325, *Dentistry — Test methods for rotary instruments*

3 Terms, definitions and symbols

3.1 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942 and the following apply.

3.1.1

shank

part of the shaft of a rotary instrument used in dentistry which is designed to fit into the chuck of a straight or contra-angle dental handpiece, a technical handpiece or a dental turbine