ISO 3630-4:2023-08 (E)

Dentistry - Endodontic instruments - Part 4: Auxiliary instruments

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Classificationandsymbols 2
4.1 Classification 2
4.2 Symbols 2

5 Requirements 3
5.1 Material 3
5.2 Dimensions 3
5.2.1 General 3
5.2.2 Barbed broaches -- Type 1 instruments 3
5.2.3 Paste carriers -- Type 2 instruments 4
5.2.4 Explorers and cotton broaches -- Type 3 instruments 5
5.2.5 Cannulae -- Type 4 instruments 6
5.3 Colour designation and size marking with rings 7
5.4 Mechanical requirements 7
5.4.1 Resistance to fracture by twisting (torque) and angular deflection -- Types 1 and 3 7
5.4.2 Stiffness -- Resistance to bending -- Types 1 and 3 8
5.4.3 Handle or shank security -- Types 1, 2 and 3 instruments 8
5.4.4 Resistance to fatigue -- Type 2 8
5.4.5 Resistance to breakage or cracking -- Type 4 9
5.5 Reprocessing 9
5.6 Heat effects of sterilization 9
5.6.1 General 9
5.6.2 Single-use instruments (supplied non-sterile) 9
5.6.3 Multi-use instruments 9

6 Sampling 9

7 Testing 10
7.1 General 10
7.2 Dimensions 10
7.2.1 General 10
7.2.2 Barbed broaches 10
7.2.3 Paste carriers -- Type 2 instruments 11

8 Product information 11
8.1 Marking 11
8.2 Labelling 12
8.3 Packaging 12
8.4 Instructions for use 12

Annex A (normative)Testmethodforresistanceofcannulatobreakageorcracking 13

Annex B (normative) Test method for resistance of cannula to corrosion 18

Bibliography 19