

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	Terms and definitions	1
4	Classification and symbols	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)	Test method for resistance of cannula to breakage or cracking	13
Annex B (normative)	Test method for resistance of cannula to corrosion	18
Bibliography		19