

# DIN EN ISO 3630-4:2023-12 (E)

## Dentistry - Endodontic instruments - Part 4: Auxiliary instruments (ISO 3630-4:2023)

<b>Contents</b>		<b>Page</b>
European Foreword.....		3
Foreword.....		4
<b>1</b>	<b>Scope</b> .....	<b>5</b>
<b>2</b>	<b>Normative references</b> .....	<b>5</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>5</b>
<b>4</b>	<b>Classification and symbols</b> .....	<b>6</b>
4.1	Classification.....	6
4.2	Symbols.....	6
<b>5</b>	<b>Requirements</b> .....	<b>7</b>
5.1	Material.....	7
5.2	Dimensions.....	7
5.2.1	General.....	7
5.2.2	Barbed broaches — Type 1 instruments.....	7
5.2.3	Paste carriers — Type 2 instruments.....	8
5.2.4	Explorers and cotton broaches — Type 3 instruments.....	9
5.2.5	Cannulae — Type 4 instruments.....	10
5.3	Colour designation and size marking with rings.....	11
5.4	Mechanical requirements.....	11
5.4.1	Resistance to fracture by twisting (torque) and angular deflection — Types 1 and 3.....	<b>11</b>
5.4.2	Stiffness — Resistance to bending — Types 1 and 3.....	12
5.4.3	Handle or shank security — Types 1, 2 and 3 instruments.....	12
5.4.4	Resistance to fatigue — Type 2.....	12
5.4.5	Resistance to breakage or cracking — Type 4.....	13
5.5	Reprocessing.....	13
5.6	Heat effects of sterilization.....	13
5.6.1	General.....	13
5.6.2	Single-use instruments (supplied non-sterile).....	13
5.6.3	Multi-use instruments.....	13
<b>6</b>	<b>Sampling</b> .....	<b>13</b>
<b>7</b>	<b>Testing</b> .....	<b>14</b>
7.1	General.....	14
7.2	Dimensions.....	14
7.2.1	General.....	14
7.2.2	Barbed broaches.....	14
7.2.3	Paste carriers — Type 2 instruments.....	15
<b>8</b>	<b>Product information</b> .....	<b>15</b>
8.1	Marking.....	15
8.2	Labelling.....	16
8.3	Packaging.....	16
8.4	Instructions for use.....	16
<b>Annex A (normative) Test method for resistance of cannula to breakage or cracking</b> .....		<b>17</b>
<b>Annex B (normative) Test method for resistance of cannula to corrosion</b> .....		<b>22</b>
<b>Bibliography</b> .....		<b>23</b>