

# DIN ISO 5832-9:2020-07 (E)

## Implants for surgery - Metallic materials - Part 9: Wrought high nitrogen stainless steel (ISO 5832-9:2019)

---

<b>Contents</b>	<b>Page</b>
National foreword .....	3
National Annex NA (informative) Bibliography .....	5
Foreword .....	6
Introduction .....	7
<b>1 Scope .....</b>	<b>8</b>
<b>2 Normative references .....</b>	<b>8</b>
<b>3 Terms and definitions .....</b>	<b>8</b>
<b>4 Chemical composition .....</b>	<b>8</b>
4.1 Test samples .....	8
4.2 Cast analysis .....	9
<b>5 Microstructure .....</b>	<b>9</b>
5.1 Grain size .....	9
5.2 Absence of foreign phases .....	9
5.3 Inclusion content .....	9
<b>6 Corrosion resistance .....</b>	<b>10</b>
<b>7 Mechanical properties .....</b>	<b>10</b>
7.1 Test pieces .....	10
7.2 Tensile test .....	10
<b>8 Test methods .....</b>	<b>11</b>