

# DIN EN ISO 13520:2023-07 (E)

## Determination of ferrite content in austenitic stainless steel castings (ISO 13520:2023)

---

<b>Contents</b>		<b>Page</b>
European foreword.....		3
Foreword.....		4
<b>1</b>	<b>Scope</b> .....	5
<b>2</b>	<b>Normative references</b> .....	5
<b>3</b>	<b>Terms and definitions</b> .....	5
<b>4</b>	<b>Significance effects of ferrite content</b> .....	5
<b>5</b>	<b>Methods of determination of ferrite content</b> .....	6
	5.1 Chemical composition method.....	6
	5.2 Magnetic response method.....	6
	5.3 Metallographic examination.....	6
<b>6</b>	<b>Ordering information</b> .....	6
<b>7</b>	<b>General caution</b> .....	6
<b>8</b>	<b>Estimation of ferrite</b> .....	7
<b>9</b>	<b>Acceptance standards</b> .....	7
<b>10</b>	<b>Certification</b> .....	7
<b>Annex A (normative) Determination of ferrite content by magnetic or metallographic means</b> .....		<b>8</b>
<b>Annex B (informative) Notes to Schoefer diagram</b> .....		<b>9</b>
<b>Bibliography</b> .....		<b>13</b>