

# ISO 21334:2022-10 (E)

## Titanium and titanium alloys - Strip for welded tubes - Technical delivery conditions

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Information to be supplied by the purchaser .....</b>	<b>2</b>
<b>4.1</b>	<b>General information .....</b>	<b>2</b>
<b>4.2</b>	<b>Options .....</b>	<b>2</b>
<b>5</b>	<b>Manufacturing .....</b>	<b>3</b>
<b>6</b>	<b>Requirements .....</b>	<b>3</b>
<b>6.1</b>	<b>General .....</b>	<b>3</b>
<b>6.2</b>	<b>Chemical composition .....</b>	<b>3</b>
<b>6.3</b>	<b>Tensile properties .....</b>	<b>5</b>
<b>6.4</b>	<b>Bend test .....</b>	<b>5</b>
<b>6.5</b>	<b>Dimensional tolerance .....</b>	<b>6</b>
<b>6.5.1</b>	<b>Tolerance of thickness .....</b>	<b>6</b>
<b>6.5.2</b>	<b>Tolerance of width .....</b>	<b>6</b>
<b>6.5.3</b>	<b>Tolerance of burr height .....</b>	<b>7</b>
<b>6.5.4</b>	<b>Tolerance of wave .....</b>	<b>7</b>
<b>6.5.5</b>	<b>Tolerance of camber .....</b>	<b>7</b>
<b>6.6</b>	<b>Surface conditions, imperfections and defects .....</b>	<b>8</b>
<b>6.7</b>	<b>Finish .....</b>	<b>8</b>
<b>7</b>	<b>Inspection .....</b>	<b>8</b>
<b>7.1</b>	<b>Types of inspection and inspection documents .....</b>	<b>8</b>
<b>7.1.1</b>	<b>General .....</b>	<b>8</b>
<b>7.1.2</b>	<b>Inspection documents .....</b>	<b>8</b>
<b>7.2</b>	<b>Specific inspection .....</b>	<b>8</b>
<b>7.2.1</b>	<b>General .....</b>	<b>8</b>
<b>7.2.2</b>	<b>Samples and test pieces for chemical composition and mechanical tests or product analysis .....</b>	<b>9</b>
<b>8</b>	<b>Rounding-off procedure .....</b>	<b>9</b>
<b>9</b>	<b>Reference test and analysis .....</b>	<b>9</b>
<b>10</b>	<b>Rejection .....</b>	<b>10</b>
<b>11</b>	<b>Marking .....</b>	<b>10</b>
<b>11.1</b>	<b>General .....</b>	<b>10</b>
<b>11.2</b>	<b>Strip marking .....</b>	<b>10</b>
<b>12</b>	<b>Packaging .....</b>	<b>10</b>
<b>13</b>	<b>Quality assurance .....</b>	<b>10</b>

<b>Annex A (normative) Additional requirements for strips for welded rolled tubes for heat exchanger or condenser .....</b>	<b>11</b>
<b>Bibliography .....</b>	<b>12</b>