

# DIN EN 10210-2:2006-07 (E)

## Hot finished structural hollow sections of non-alloy and fine grain steels - Part 2: Tolerances, dimensions and sectional properties

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>3</b>
<b>1</b> <b>Scope</b> .....		<b>4</b>
<b>2</b> <b>Normative references</b> .....		<b>4</b>
<b>3</b> <b>Terms and definitions</b> .....		<b>4</b>
<b>4</b> <b>Symbols</b> .....		<b>4</b>
<b>5</b> <b>Information to be obtained by the manufacturer</b> .....		<b>5</b>
5.1 <b>Mandatory information</b> .....		<b>5</b>
5.2 <b>Options</b> .....		<b>6</b>
<b>6</b> <b>Tolerances</b> .....		<b>6</b>
<b>7</b> <b>Measurement of size and shape</b> .....		<b>8</b>
7.1 <b>General</b> .....		<b>8</b>
7.2 <b>Outside dimensions</b> .....		<b>8</b>
7.3 <b>Thickness</b> .....		<b>9</b>
7.4 <b>Out-of-roundness</b> .....		<b>9</b>
7.5 <b>Concavity and convexity</b> .....		<b>9</b>
7.6 <b>Squareness of sides</b> .....		<b>10</b>
7.7 <b>External corner profile</b> .....		<b>11</b>
7.8 <b>Twist</b> .....		<b>11</b>
7.9 <b>Straightness</b> .....		<b>13</b>
<b>8</b> <b>Dimensions and sectional properties</b> .....		<b>13</b>
<b>Annex A (normative) Formulae for the calculation of sectional properties</b> .....		<b>14</b>
A.1 <b>General</b> .....		<b>14</b>
A.2 <b>Circular hollow sections</b> .....		<b>14</b>
A.3 <b>Rectangular, including square, hollow sections</b> .....		<b>15</b>
A.4 <b>Elliptical hollow sections</b> .....		<b>17</b>
<b>Annex B (normative) Sectional properties for a limited range of standard sizes</b> .....		<b>20</b>