

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