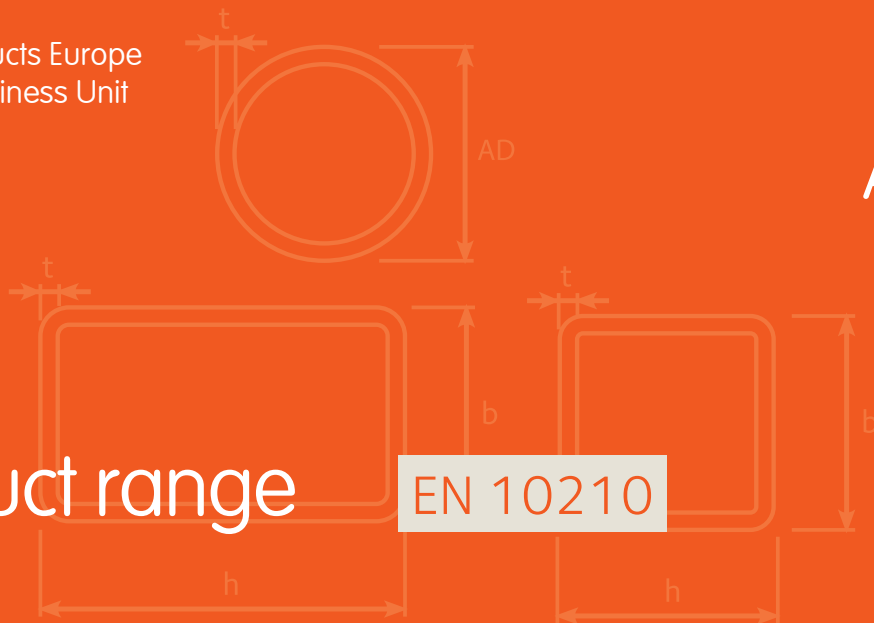


Product range

EN 10210



Hot finished structural hollow sections of non-alloy structural steel

Hollow sections which are manufactured according to this standard are used for construction purposes. They are offered with circular, square and rectangular cross-section and are used in steel construction, mechanical engineering, automotive, agricultural machinery and plant construction. Advantages compared to cold formed hollow sections are uniform mechanical properties over the entire cross section, an unrestricted weldability even at the edges, a higher elongation, the weld area (HAZ) homogenized by heat treatment, no residual stress, higher wall thickness / diameter ratio and the possibility of smaller angle radii.

Hot finished structural hollow sections of rectangular section

Dimensions

W x H (mm)	Mass in kg/m for wall thickness (mm)									
	3,2	3,6	4,0	4,5	5,0	5,6	6,0	6,3	7,1	8,0
50x50	4,616	5,136	5,643	6,259	6,854	7,543	7,986	8,310	9,140	10,011
60x60	5,621	6,266	6,899	7,672	8,424	9,302	9,870	10,289	11,369	12,523
70x70		7,397	8,155	9,085	9,994	11,060	11,754	12,267	13,598	15,035
80x80		8,527	9,411	10,498	11,564	12,818	13,638	14,245	15,828	17,547
90x90			10,667	11,911	13,134	14,577	15,522	16,223	18,057	20,059
100x100			11,923	13,324	14,704	16,335	17,406	18,201	20,287	22,571
110x110			13,179	14,737	16,274	18,094	19,290	20,180	22,516	25,083
120x120			14,435	16,150	17,844	19,852	21,174	22,158	24,745	27,595
90x50			8,107	9,025	9,920	10,967	11,648	12,149	13,449	14,846
100x50			8,735	9,731	10,705	11,846	12,590	13,138	14,564	16,102
100x60			9,363	10,438	11,490	12,726	13,532	14,128	15,679	17,358
120x60			10,619	11,851	13,060	14,484	15,416	16,106	17,908	19,870
120x80			11,875	13,264	14,630	16,242	17,300	18,084	20,137	22,382
140x80			13,131	14,677	16,200	18,001	19,184	20,062	22,367	24,894
150x100			15,015	16,796	18,555	20,638	22,010	23,029	25,711	28,662

Delivery options

- Standard delivery condition hot stretch reduced
- Available material grades: S235JRH, S275JOH, S275J2H, S355JOH, S355J2H, S355K2H, S275NH, S275NLH, S355NH, S355NLH, S420NH
- Surface black
- Length: 6000-14000 mm
- Interior weld seam can be removed on request.

Hot finished structural hollow sections of non-alloy structural steels with circular cross-section

Dimensions

OD (mm)	Wall thickness (mm)														
	1,80	2,00	2,30	2,60	2,90	3,20	3,60	4,00	4,50	5,00	5,60	6,00	6,3	7,1	8
17,2															
21,3															
22															
26,9															
28															
31,8															
33,7															
38,0															
42,4															
44,5															
48,3															
51,0															
57,0															
60,3															
63,5															
70,0															
73,0															
76,1															
82,5															
88,9															
101,6															
108,0															
114,3															
133,0															
139,7															
141,3															
159,0															
165,1															
168,3															

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Delivery options

- Standard delivery condition hot stretch reduced
- Available material grades: S235JRH, S275J0H, S275J2H, S355J0H, S355J2H, S355NH, S275NLH, S355NLH, S355K2H, S420NH
- Surface: black (Dia. 17,2 - 168,3 mm) or hot dip galvanized (Dia. 17,2 - 114,3 mm)
- Lengths: black 6000-14000 mm, galvanized max. 7000 mm
- Interior weld seam can be removed on request.

Our production program

- EN 10217-1/-2/-3 (hot finished / cold formed) - EN 10219 (round / rectangular) - EN 10255 (cold formed / hot finished)
- EN 10162 U-shaped open sections

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