

HALLOW SECTIONS, TUBES AND C-BEAMS

- **Hollow sections black welded, pickled, HDG**

Application: in the construction of various architectural objects (machinery, equipment, elevators, railings, posts, gates, fences and others), as part of the supporting structure.

Dimensions:

* square cross-section: 15x15x1.35 ÷ 300x300x12.5 mm,

* rectangular cross-section: 20x10x1.5 ÷ 400x200x12.5 mm,

* circular cross-section: 17,2 ÷ 219.1x12.5 mm.

Length: L-6m; L-12m. We produce hollow sections in custom lengths for customer inquiries.

Manufacture norm:

* cold formed hollow sections acc. PN-EN EN 10219-1;2,

* hot rolled hollow sections acc. PN-EN 10210-1,

* precision hollow sections acc. PN-EN 10305-5.

Execution:

* welded rectangular and circular hollow sections black, pickled - made of h/r steel strip in grades E235; S235JRH; S275JOH; S275J2H; S355JOH; S355J2H,

* HDG hollow sections – made of strip of DX51D Zn 220-275 grade and innovative metallic coating MAGNELIS ZM90-120.

Inspection certificate 2.2 or 3.1 acc. EN 10204 + CE.

- **Semi-closed C-beams**

Dimensions:

* from 30x30x8,5 up to 60x40x15 2;2,5;3

* from 70x70x22,5 up to 90x100x35 2;3;4;5

* from 100x40x15 up to 20x40x15 3;4;5

Grades: S235JR, S355J2

Properties in hot-dip galvanizing:

Guaranteed Si content in standard steel S235JRH and S355J2H is 0.15 – 0.25% or a maximum of 0.3%.

With this Si content, in the fully extended process of hot dip galvanizing, the most desired thickness of zinc coating is achieved.

Sections in other grades are available on demand (for example made of cold rolled steel strip grade DC01).