

# HARDOX® TUBES & PIPES DIMENSIONAL PROGRAM

## Dimension range

Hardox® tubes and pipes are available in circular shape.

Dimensions	Hardox® 400	Hardox® 500
Outer diameter (mm)	76.1 - 219.1	76.1 - 133.0
Wall thickness (mm)	3.0 - 6.0	3.0 - 6.0
Mill length (mm)	6000	6000

Other lengths are available upon request. For more information, please contact your local sales representative, [HardoxStrenxTubesales@ssab.com](mailto:HardoxStrenxTubesales@ssab.com) or Tech Support.

## Circular

Outer diameter (mm)	3.0 mm (kg/m)	4.0 mm (kg/m)	5.0 mm (kg/m)	6.0 mm (kg/m)
76.1	5.41	7.11	8.77	10.44
88.9	6.36	8.38	10.4	12.3
101.6	7.29	9.63	11.9	14.2
108.0	7.77	10.3	12.7	15.1
114.3	8.23	10.9	13.5	16.0
121.0	8.73	11.5	14.3	17.0
133.0	9.62	12.7	15.8	18.8
139.7		13.4	16.6	19.8
168.3			20.1	24.0
219.1				31.5

Tolerances for circular wear are based on the requirements of EN 10210. For more information, see table on page 2.

## Tolerances

Characteristics	Circular wear Tolerances based on the requirements of EN 10210
Outside diameter (D) <sup>1)</sup>	±1%, with a minimum of ±0.5 mm and a maximum of ±10
Out-of-roundness	2%, when D/T ≤ 100
Thickness (T)	±10% when T ≤ 5 mm and ±0.5 mm when T > 5 mm
Straightness	0.20% of total length and 3 mm over any 1 m length
Mass per unit length	Individual tube: ±6%
Standard length	≥ 6000 mm: 0/+50
Exact length	Agreed at the time of enquiry and order

<sup>1)</sup> All external dimensions are measured with a minimum distance from the end of the section. The distance must be a minimum of 100 mm.

## Delivery conditions

Hardox<sup>®</sup> tubes and pipes are delivered in quenched condition except for diameters above 133 mm, which are delivered in as-rolled condition.

## Contact information

[www.ssab.com/contact](http://www.ssab.com/contact)  
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