

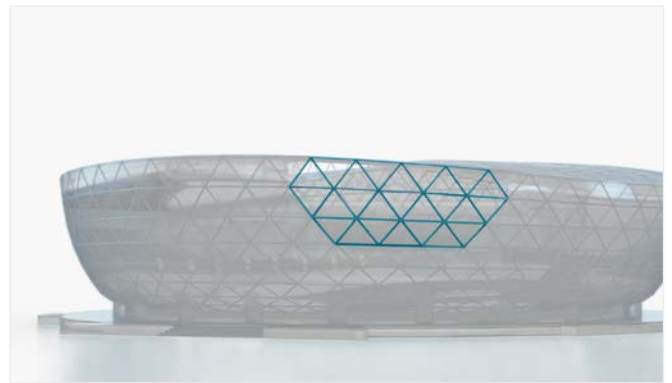
VTS®-edgeTubes

THE PRODUCTS OF CHOICE FOR STEEL CONSTRUCTIONS

VTS®-edgeTubes are seamless, hot-rolled, square and rectangular hollow sections from voestalpine Tubulars, which are ideally suited for use in steel constructions due to their product properties. They complement the portfolio of our circular hollow sections perfectly.

FIELDS OF APPLICATIONS

- » Airports & sports stadiums
- » Hall, building and bridge constructions
- » Roof constructions
- » Rides (rollercoaster)
- » Offshore constructions (jack-up rigs, platforms)
- » Wind energy (offshore, onshore)
- » Support structures for large-scale solar and photovoltaic systems



TECHNICAL DATA AT A GLANCE

Corner radius	$R_o \leq 1.6 \times T$ across the entire product range, tighter radius up to $\leq 1 \times T$ upon request (depending on dimension & wall thickness)		
Standards	DIN EN 10210-1, -2, -3, ASTM A501/A501M, CE-marking, EU Construction Products Regulation, DIN EN 10225 for offshore constructions upon request		
Dimensions	Square	40 x 40 mm to 170 x 170 mm	1 ½ x 1 ½ inch to 6 ⅝ x 6 ⅝ inch
	Rectangular	50 x 30 mm to 200 x 100 mm	2 x 2 ½ inch to 8 x 4 inch
Wall thickness	up to 25 mm (>25 mm upon request)		up to 1 inch (>1 inch upon request)
Lengths	5,000 mm to 14,000 mm		16 to 46 ft
Steel grades	S235 to S890 to DIN EN or Grade A, B, C to ASTM (tailor-made customer specifications upon request)		

PRODUCT CHARACTERISTICS AND CUSTOMER BENEFITS

- » Improved straightness, twisting and corner radius compared to the standard requirements
- » Tighter corner radius guarantees:
 - > a higher section modulus and higher bending strength
 - > higher load-bearing capacity, larger spans
 - > larger connecting area for connections to other products
- » Higher and high-strength steel grades
 - > for more resilience
 - > saving weight
 - > over the entire product range
 - > weldability tests possible
- » Seamless, hot-rolled hollow sections with homogenous structure
 - > great processing opportunities due to lower residual stress
- » Exceptional range of dimensions
 - > Wall thickness up to 25 mm for extreme loads
 - > Dimension infinitely adjustable
- » Optical advantages
 - > no weld seam due to hot-rolling process
 - > excellent surface structure
 - > tighter corner radius
- » Flexibility due to small production lots and short delivery times
- » Tailor-made seamless VTS®-edgeTubes and innovative solutions of highest quality – according to your special requirements!

voestalpine Tubulars GmbH & Co KG

Headquarter & Production Location
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FURTHER BENEFITS

- » Possibility to provide digital product pass systems for construction products in progress and available soon (as required in the EU Construction Products Regulation NEW)
- » Sustainability as part of the corporate philosophy



Link: Brochure
Mission Future

Do you know our circular seamless pipe portfolio for the construction segment?



Link: Industrial Pipes

voestalpine

ONE STEP AHEAD.