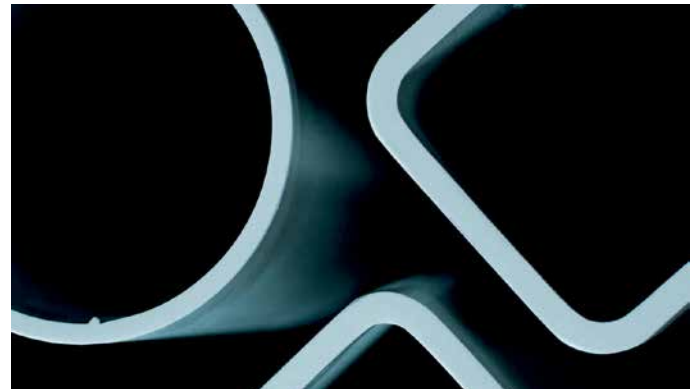


Hybox® 355 Structural Hollow Sections

Widest range of product available from stock for immediate delivery

By increasing the stock range and processing capacity of our Corby Metal Centre, it is perfectly equipped to meet your needs for Tata Steel's Hybox® 355 multi-purpose structural hollow section for construction and engineering applications.



Multi-Purpose Structural Hollow Section

Hybox® 355 is a cold formed, high grade, multi-purpose structural hollow section. It is perfect for projects where you require guaranteed minimum strength and mechanical properties. It can be used in a wide range of structural and engineering applications, including all those where specific properties and compliance with design codes are required.

Section	Size
Circular Hollow Sections	33.7 - 508mm
Square Hollow Sections	25x25mm - 400x400mm
Rectangular Hollow Sections	50x25mm - 500x300mm

Standard lengths up to 14.5m.

Under the Construction Product Regulations, all products used in construction must now have CE marking to demonstrate compliance. Tata Steel has published a declaration of performance for Hybox® 355 structural hollow sections at www.tatasteeleurope.com/dop.

Extended Stock Range

We have greatly extended the stock range of Circular, Rectangular and Square structural hollow sections, available immediately from our regional Metal Centres. Tata Steel is now able to provide the most complete choice of Hybox® 355 product for immediate processing and delivery.

The Corby Metal Centre, located adjacent to our UK manufacturing site for structural hollow sections and tubes, has extended both the range and depth of stock, in order to meet increasing demand from the construction and mechanical engineering sectors.

Hybox® 355 is most commonly used in a wide variety of applications, including:

- Construction structures, such as wind bracing elements
- Lifting and excavating equipment, including trailers
- General engineering applications

Increased Processing Capacity

In addition to standard stock lengths, we offer a comprehensive cutting service. The Corby site acts as a centre for the distribution of structural hollow sections and operates a number of precision saws capable to processing the entire product range, with the option of straight and mitre cuts in a wide variety of orientations. Additional saw capacity is available at our other locations.

Our regional Metal Centres provide customers with a quick and convenient way of buying smaller quantities of a wide range of steel products. Ideal for jobs where fast completion is needed, they can provide a nationwide next-day delivery service. Whether you need a couple of bars, the odd sheet or several tonnes, our knowledgeable teams are on hand to help.

The Right Product For Every Application

Tata Steel is one of the world's leading producers of welded steel tube and we have been producing hot finished and cold formed hollow sections for more than 50 years. Developed to meet the specific performance requirements across the construction, transport and pressure containment, energy and engineering industries - our products make the difference.

In addition to Hybox® 355, we manufacture:

- high performance hot-finished Celsius® 355NH structural hollow sections
- general purpose cold-formed Strongbox® 235 structural hollow sections
- large diameter pipe
- coated, precision, conveyance and pressure tubes.

Choosing the right Tata Steel product for each application	Celsius® 355 NH	Hybox® 355	Strongbox®235
Fully compliant with the European Standard EN10210: S355NH (Hot Finished)	✓		
Fully compliant with the European Standard EN10210: S355J2H (Hot Finished)	✓		
Fully compliant with the European Standard EN10219: S355J2H (Cold Formed)		✓	
Fully compliant with the European Standard EN10219: S235JRH (Cold Formed)			✓
Fully compliant with the American Standard ASTM A501 – Grade B (Hot Finished)	✓		
Suitable for galvanising	✓	✓	✓
Manufactured in Western Europe	✓	✓	✓
Available as square, rectangular and circular hollow sections	✓	✓	✓
Clearly marked for quality assurance	✓	✓	✓
Fully-killed steel for better formability and weldability	✓	✓	✓
Sustainable product solution and 100 per cent recyclable	✓	✓	✓
Certified for batch traceability	✓	✓	
Suitable for performance applications where properties must be relied upon	✓	✓	
Minimum yield of 355 MPa	✓	✓	
Better energy absorbed at lower temperatures (-20°C @ 40J)	✓		
Suitable for low temperature applications (-20°C @ 27J)	✓	✓	
Suitable for structural and mechanical applications	✓	✓	
Compliant with the CPD through CE Marking	✓	✓	
Compliant with European design standards	✓	✓	
Full technical support available	✓	✓	
Tight corner radii for aesthetic appeal and higher geometric properties	✓		
Stress-relieved for optimum performance and total confidence in service	✓		
Confidence of design and fabrication without concern for fatigue	✓		
Available as elliptical hollow sections	✓		
Hot finished and able to perform in the most arduous conditions	✓		
Lower CEV 0.43	✓		

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