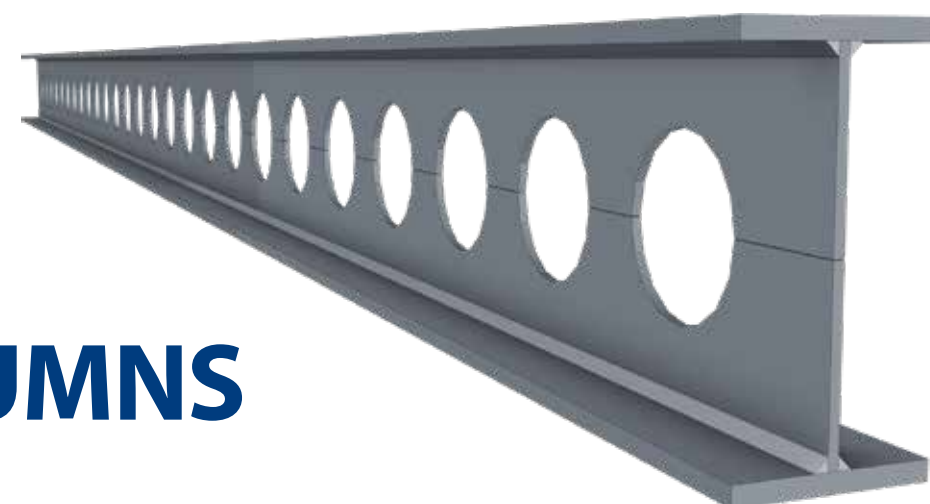




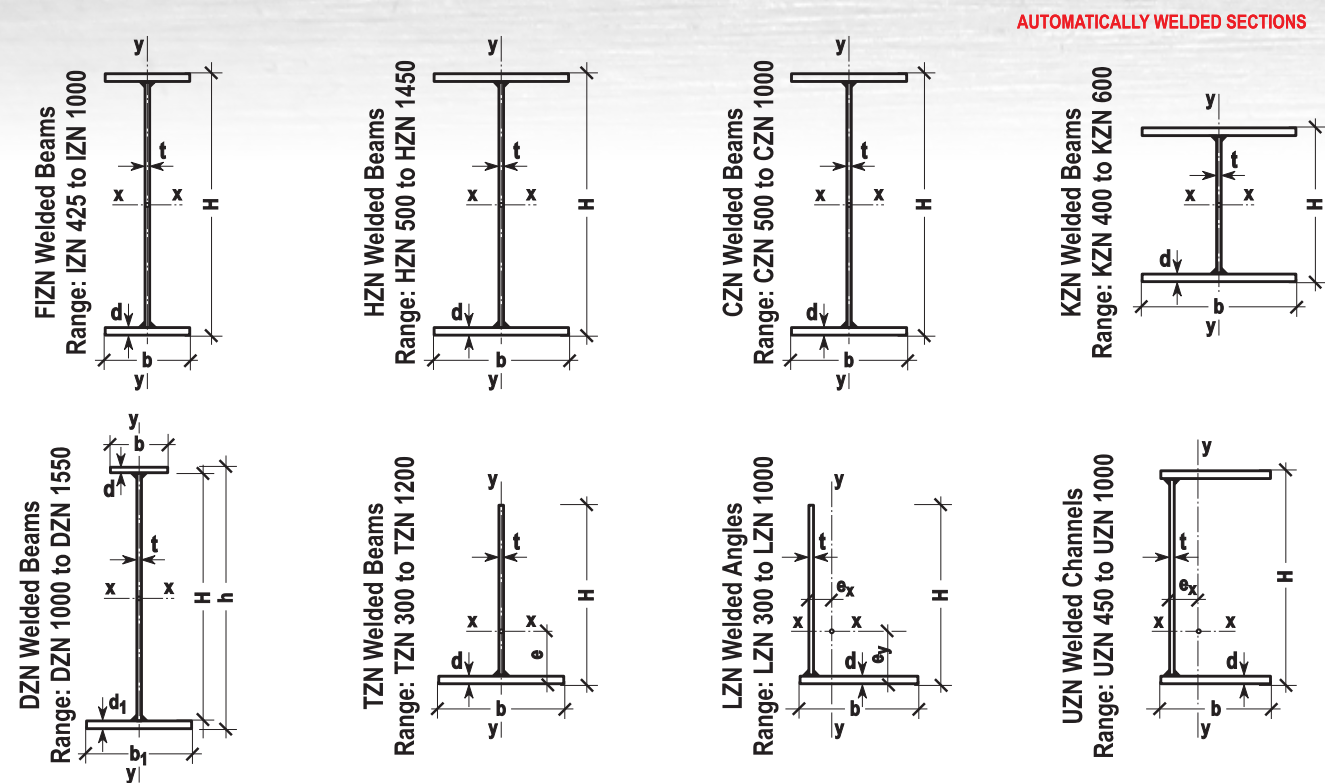
Boulevard „Aleksandar Makedonski“ No.18  
1000 Skopje, Macedonia  
Tel: +389 2/5513100  
+389 2/5513103  
Fax: +389 2/3173564  
+389 2/3287699  
e-mail: [info@fakom.com.mk](mailto:info@fakom.com.mk)  
[www.fakom.com.mk](http://www.fakom.com.mk)

**WELDED  
BEAMS  
AND COLUMNS**





The welded columns and girders are produced at FAKOM AD – Skopje. The basic material used for the production of welded beams is hot rolled steel. Cutting of the sheet in strips and preperation of the weld its made on CNC machines. At this stage the girder is ready for welding. The final product is with high quality.



The beams and columns will be welded using submerged automatic arc double sided welding. The following test reports shall be provided to our customers.

- Non Destructive Testing Report
  - o Radiographic Testing Report
  - o Magnetic Particle Testing Report
  - o Hardness Test Report
  - o Metallographic Test Report
- Mechanical Testing Report
  - o Tensile Test
  - o Impact Test
  - o Bend Test
  - o Hardness test
- Mill Test Certificates for the plates used in the welded structures.

Welded beams and columns enables production in sizes within limit values given in the table below.

Beam or column length		Height		Web thickness		Flanges		
L		H		t min		b		d
min	max	min	max	min	max	min	max	max
3 m	18 m	180 mm	2000 mm	5 mm	30 mm	80 mm	800 mm	30 mm

In addition to the dimensions defined in the attached table, the beam and columns can be delivered with special dimensions upon request of the customer.

Welding process SAW



# WELDED BEAMS AND COLUMNS



## Product Description

Welded Beams and Columns are ideal products to enable optimised, high-performance structures. Their dimensional flexibility affords the designer the freedom to create the best design to suit client needs.

Automatic welded beams