
PRODUCT MATRIX

SIZE × WALL THICKNESS · THE WHOLE RANGE, ONE SOURCE

Hollow sections · Sheet & plate · Fencing & wire · Structural & long products

Grades S235 · S275 · S355 · EN 10204 2.2 / 3.1 certification · Black or hot-dip galvanised

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Made in the Balkans. Built for Europe.

SQUARE HOLLOW SECTION

SHS in Grades S235 · S275 · S355

Cold-formed welded, EN 10219-1/-2. CE marked with Declaration of Performance. Certificate EN 10204 2.2 / 3.1. 6 m & 12 m lengths (special 4–15 m). Black or hot-dip galvanised.

Size (mm)	WALL THICKNESS (MM)										
	1.5	2	2.5	3	4	4.5	5	6	8	10	12
15×15	✓	✓									
16×16	✓	✓									
18×18	✓	✓									
20×20	✓	✓	✓	✓							
25×25	✓	✓	✓	✓							
30×30	✓	✓	✓	✓							
35×35	✓	✓	✓	✓	✓						
40×40	✓	✓	✓	✓	✓	✓	✓				
45×45	✓	✓	✓	✓	✓						
50×50	✓	✓	✓	✓	✓	✓	✓				
60×60	✓	✓	✓	✓	✓	✓	✓	✓			
70×70		✓	✓	✓	✓	✓	✓	✓			
80×80		✓	✓	✓	✓	✓	✓	✓	✓		
90×90			✓	✓	✓	✓	✓	✓	✓		
100×100			✓	✓	✓	✓	✓	✓	✓	✓	
110×110				✓	✓	✓	✓	✓	✓	✓	
120×120				✓	✓	✓	✓	✓	✓	✓	
130×130					✓	✓	✓	✓	✓	✓	
140×140					✓	✓	✓	✓	✓	✓	
150×150					✓	✓	✓	✓	✓	✓	
160×160					✓	✓	✓	✓	✓	✓	✓
180×180					✓	✓	✓	✓	✓	✓	✓
200×200					✓	✓	✓	✓	✓	✓	✓
250×250								✓	✓	✓	✓
260×260								✓	✓	✓	✓

RECTANGULAR HOLLOW SECTION

RHS in Grades S235 · S275 · S355

Cold-formed welded, EN 10219-1/-2. Standard range to 300×200 mm. 6 m & 12 m lengths (special 4–15 m). Black or hot-dip galvanised.

Size (mm)	WALL THICKNESS (MM)									
	1.5	2	2.5	3	4	5	6	8	10	12
30×10	✓	✓								
30×15	✓	✓								
30×20	✓	✓	✓							
40×20	✓	✓	✓	✓						
40×25	✓	✓	✓	✓						
40×30		✓	✓	✓						
50×25	✓	✓	✓	✓						
50×30	✓	✓	✓	✓						
60×30		✓	✓	✓	✓					
60×40		✓	✓	✓	✓	✓				
70×40		✓	✓	✓	✓					
70×50		✓		✓	✓					
80×40		✓	✓	✓	✓	✓				
80×60				✓	✓	✓				
90×50				✓	✓	✓				
100×40		✓		✓	✓	✓				
100×50		✓	✓	✓	✓	✓	✓			
100×60				✓	✓	✓	✓			
100×80				✓	✓	✓	✓			
120×60				✓	✓	✓	✓			
120×80				✓	✓	✓	✓	✓		
140×80					✓	✓	✓	✓		
150×100					✓	✓	✓	✓		
160×80					✓	✓	✓	✓		
180×100					✓	✓	✓	✓		
200×100					✓	✓	✓	✓	✓	
200×120					✓	✓	✓	✓	✓	
200×150						✓	✓	✓	✓	
250×150						✓	✓	✓	✓	
300×100							✓	✓	✓	
300×200							✓	✓	✓	✓

CIRCULAR HOLLOW SECTION

CHS / Round Tube in Grades S235 · S275 · S355

Cold-formed welded, EN 10219-1/-2. Outside diameter × wall. Intermediate wall thicknesses available within the range shown — confirm on enquiry.

Outside Ø (mm)	WALL THICKNESS (MM)										
	1.5	2	2.5	3	3.6	4	4.5	5	6.3	8	10
Ø17.2	✓	✓	✓								
Ø21.3	✓	✓	✓	✓							
Ø25	✓	✓	✓	✓	✓	✓					
Ø26.9	✓	✓	✓	✓							
Ø32	✓	✓	✓	✓	✓						
Ø33.7	✓	✓	✓	✓	✓	✓	✓				
Ø38	✓	✓	✓	✓	✓	✓	✓				
Ø40	✓	✓	✓	✓	✓	✓	✓				
Ø42.4	✓	✓	✓	✓	✓	✓	✓	✓			
Ø44.5	✓	✓	✓	✓	✓	✓	✓	✓			
Ø48.3	✓	✓	✓	✓	✓	✓	✓	✓			
Ø51	✓	✓	✓	✓	✓	✓	✓	✓			
Ø54	✓	✓	✓	✓	✓	✓	✓	✓			
Ø57	✓	✓	✓	✓	✓	✓	✓	✓			
Ø60.3	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Ø63.5	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Ø70		✓	✓	✓	✓	✓	✓	✓	✓		
Ø76.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Ø88.9		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Ø101.6			✓	✓	✓	✓	✓	✓	✓	✓	
Ø108				✓	✓	✓	✓	✓	✓	✓	✓
Ø114.3				✓	✓	✓	✓	✓	✓	✓	✓
Ø127				✓	✓	✓	✓	✓	✓	✓	✓
Ø133				✓	✓	✓	✓	✓	✓	✓	✓
Ø139.7				✓	✓	✓	✓	✓	✓	✓	✓
Ø152.4				✓	✓	✓	✓	✓	✓	✓	✓
Ø159					✓	✓	✓	✓	✓	✓	✓
Ø168.3						✓	✓	✓	✓	✓	✓
Ø177.8						✓	✓	✓	✓	✓	✓
Ø193.7						✓	✓	✓	✓	✓	✓
Ø219.1							✓	✓	✓	✓	✓
Ø244.5							✓	✓	✓	✓	✓
Ø273								✓	✓	✓	✓
Ø323.9								✓	✓	✓	✓

Hydraulic Pressure-Tested Pipe

Hydro pressure-tested welded pipe. EN 10255. 6 m lengths.

WALL THICKNESS (MM)					
Outside Ø (mm)	2.6	2.9	3.2	3.6	4
Ø26.9	✓	✓	✓		
Ø33.7	✓	✓	✓	✓	✓
Ø42.4	✓	✓	✓	✓	✓
Ø48.3	✓	✓	✓	✓	✓
Ø51	✓	✓	✓	✓	✓
Ø60.3	✓	✓	✓	✓	✓
Ø76.1	✓	✓	✓	✓	✓
Ø88.9	✓	✓	✓	✓	✓

Oval & Semi-Oval Tube

Welded oval tube. EN 10219.

WALL THICKNESS (MM)		
Size (mm)	1.5	2
30×15	✓	✓
38×20	✓	✓

ZP Cold-Formed Profiles

Special cross-sections for window & door frames. S235 · DIN 59413. Wall 1.5 & 2 mm.

ZP 1304	ZP 1004	ZP 1204	ZP 1321	ZP 1021	ZP 1221
Type 1A	Type 1B	Type 1C	Type 11A	Type 11B	Type 11C

Large Built-Up Sections

FORM	MAX SECTION (MM)	MAX WALL (MM)	MAX LENGTH (M)	SUPPLY
Square & rectangular, merged profile	2000×800	32	20	Made to order

Thickness Availability

Grades S235 · S275 · S355 and DC01 / DX51D+Z. Certificate EN 10204 3.1.

THICKNESS (MM)																	
Product	0.5	0.8	1	1.5	2	2.5	3	3.5	4	4.5	5	6	8	10	12	15	20
Hot-rolled plate S235 · S275 · S355 · EN 10025-2				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cold-rolled sheet DC01 · EN 10130	✓	✓	✓	✓	✓	✓	✓										
Pickled & oiled (P&O) S235 · S275 · S355				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Hot-dip galvanised DX51D+Z · EN 10346	✓	✓	✓	✓	✓	✓	✓	✓	✓								
Chequer / tread plate base thickness · S235 · S275							✓		✓		✓	✓	✓				

Plate & Sheet Formats

PRODUCT	STANDARD SIZES (MM)	WIDTH / LENGTH RANGE
Hot-rolled plate	1000×2000 · 1250×2500 · 1500×3000 · 1500×6000 · 2000×3000 · 2000×6000 · 2000×12000	Width 700–2000 · Length to 12000
Chequer / tread plate	1250×2500 · 1500×3000	Base/pattern 3/4.5 · 4/6 · 5/7 · 6/8 · 8/10
Perforated sheet	Round (Rv) · square (Qg) · slotted, to specification	S235 · S275

Decorative & Ornamental Profiles

Textured, twisted and patterned bar and tube for gates, railings and balustrades. Grade S235. Mill or galvanised finish. Full profile drawings and sizes on request.

Welded Mesh Panels — 2D & 3D

Rigid welded fence panels. Mesh 50×200 and 50×100 mm. Galvanised or PVC-coated.

Panel height	WIRE Ø (MM)		
	4	5	6
1.0 m	✓	✓	✓
1.2 m	✓	✓	✓
1.5 m	✓	✓	✓
1.8 m	✓	✓	✓
2.0 m	✓	✓	✓
2.4 m	✓	✓	✓

Gabion Cages

Welded gabion baskets. Mesh 80×100 mm. Galvanised / Galfan / PVC.

Box size	WIRE Ø (MM)		
	2.7	3	4
1×1×1 m	✓	✓	✓
2×1×1 m	✓	✓	✓
2×1×0.5 m	✓	✓	✓

Wire, Mesh & Fittings

PRODUCT	SIZE RANGE	FINISH
Chain link mesh	Height 0.9–3.0 m · mesh 40 · 50 · 60 mm · wire Ø2.0–4.0 mm	Galvanised · PVC-coated
Crimped / woven mesh	Screening & infill, to specification	Galvanised
Line & tying wire	Ø1.4–5.0 mm	Galvanised · galvanised + PVC
Barbed wire	Twin-strand	Galvanised · PVC
Razor / concertina wire	Standard coil diameters	Galvanised
Fence posts & fittings	40×40 · 50×50 · 60×40 · 60×60 mm · caps, clips, straining posts	Galvanised · PVC-coated

Manufactured under ISO 9001 / 14001 / 45001.

STRUCTURAL & LONG PRODUCTS

Beams — IPE

European I-beams. Grades S235 · S275 · S355. EN 10025.

IPE 80	IPE 100	IPE 120	IPE 140	IPE 160	IPE 180	IPE 200	IPE 220	IPE 240
IPE 270	IPE 300	IPE 330	IPE 360	IPE 400	IPE 450	IPE 500	IPE 550	IPE 600

Beams — IPN

Narrow-flange I-beams.

IPN 80	IPN 100	IPN 120	IPN 140	IPN 160	IPN 180	IPN 200	IPN 220	IPN 240
IPN 260	IPN 280	IPN 300	IPN 320	IPN 340	IPN 360	IPN 380	IPN 400	IPN 450
IPN 500	IPN 550	IPN 600						

Wide-Flange Beams — HEA / HEB

HEA 100	HEA 120	HEA 140	HEA 160	HEA 180	HEA 200	HEA 220	HEA 240	HEA 260
HEA 280	HEA 300	HEA 320	HEA 340	HEA 360	HEA 400	HEA 450	HEA 500	HEA 550
HEA 600	HEA 650	HEA 700	HEA 800	HEA 900	HEA 1000			
HEB 100	HEB 120	HEB 140	HEB 160	HEB 180	HEB 200	HEB 220	HEB 240	HEB 260
HEB 280	HEB 300	HEB 320	HEB 340	HEB 360	HEB 400	HEB 450	HEB 500	HEB 550
HEB 600	HEB 650	HEB 700	HEB 800	HEB 900	HEB 1000			

Channels — UPN / UPE

UPN 50	UPN 65	UPN 80	UPN 100	UPN 120	UPN 140	UPN 160	UPN 180	UPN 200
UPN 220	UPN 240	UPN 260	UPN 280	UPN 300	UPN 320	UPN 350	UPN 380	UPN 400
UPE 80	UPE 100	UPE 120	UPE 140	UPE 160	UPE 180	UPE 200	UPE 220	UPE 240
UPE 270	UPE 300	UPE 330	UPE 360	UPE 400				

Angle — Equal

Hot-rolled angle. EN 10056. Grades S235 · S275 · S355.

L 20×20	L 25×25	L 30×30	L 35×35	L 40×40	L 45×45	L 50×50	L 60×60
L 70×70	L 80×80	L 90×90	L 100×100	L 120×120	L 130×130	L 150×150	L 200×200

Angle — Unequal

L 30×20	L 40×20	L 40×25	L 45×30	L 50×30	L 60×30	L 60×40	L 65×50
L 75×50	L 80×40	L 80×60	L 100×50	L 100×65	L 100×75	L 120×80	L 150×75
L 150×90	L 200×100	L 200×150					

Bar — Flat · Round · Square

Hot-rolled bar. EN 10058 / 10059 / 10060.

FORM	RANGE
Flat bar	Width 20 · 25 · 30 · 35 · 40 · 45 · 50 · 60 · 70 · 80 · 90 · 100 · 120 · 150 mm × thickness 3–20 mm
Round bar	Ø8 · 10 · 12 · 14 · 16 · 18 · 20 · 22 · 25 · 28 · 30 · 32 · 36 · 40 · 45 · 50 · 60 · 70 · 80 · 90 · 100 mm
Square bar	8 · 10 · 12 · 14 · 16 · 18 · 20 · 25 · 30 · 35 · 40 · 50 mm

Steel Grades

GRADE	DESCRIPTION	TYPICAL APPLICATION
S235	General structural & fabrication grade. Excellent formability and weldability.	General engineering, architectural and decorative metalwork, fencing, light structures
S275	Structural grade, higher yield.	UK and European mainstream for building frames and general structural steelwork
S355	High-strength structural grade.	Heavy frames, bridges, trailers, loadbearing members needing a higher strength-to-weight ratio

STANDARDS & CERTIFICATION

Material Supplied Fully Documented

Mill certificates to EN 10204 — Type 2.2 as standard, Type 3.1 for structural and certified work.

SCOPE	STANDARD
Mill / inspection certificates	EN 10204 — Type 2.2 and Type 3.1
Hollow sections	EN 10219-1/-2 — CE marked, with Declaration of Performance
Structural sections & angle	EN 10025 / EN 10056
Bar — flat · round · square	EN 10058 / EN 10059 / EN 10060
Hot-rolled plate	EN 10025-2 · surface EN 10163
Cold-rolled sheet	EN 10130 (DC01)
Hot-dip galvanised sheet	EN 10346 (DX51D+Z)
Pressure-tested pipe	EN 10255
ZP profiles	DIN 59413
Quality management	ISO 9001:2015
Environmental	ISO 14001:2015 · EN 15804 EPD
Health & safety	ISO 45001:2018
Structural fabrication	EN 1090 (EXC2) — via fabrication partner

Send us a size and grade list, or a project bill of materials, and we will quote it line by line.