

EHG steel/construction steel:  
more than 15,000 tonnes and  
5,000 dimensions of sheet metal,  
steel bars/beams and steel tubes/  
hollow sections in stock.

Extract from the EHG stock programme.

Entire  
stock programme  
in the EHG online shop:  
[www.ehg-steel.com](http://www.ehg-steel.com)





## Processing from EHG: State-of-the-art technology means better quality.

Processing of the highest quality with minimal tolerances is a core competency at EHG. Our experienced employees have the know-how, and our machinery is some of the most modern in Europe, so we can be relied on to provide exactly what our customers need.

### EHG processing – products and services

#### Long products / tubes / hollow sections

- Sawing
  - Round: 6-860 mm
  - Flat: 10x3 mm to 1000x800 mm
  - Square/tubes: 8x8 mm to 800x800 mm
- Mitre cutting
- Deburring
- Tube laser cutting
- Vibratory finishing (trowalising)
- Shot blasting and conservation
- Washing
- Bending
- Galvanising (electro & hot-dip galvanising)

#### Flat products

- Plate sawing
- Flame cutting
- Plasma cutting
- Slitting and transverse cutting
- Edging
- Stress-relieving annealing
- Surfacing
- Drilling, milling and roughing
- Surface treatments

### EHG steel plate cut lengths – your benefits

- No hard edges, the material can be machined immediately without annealing.
- Sawn edges mean lower tool costs when machining – no edge hardening.
- All cut lengths are standardised.
- Subsequent stress-relieving annealing, depending on the material.
- Tolerances: Standard saw tolerance: -0/+3 mm.  
Sheet thicknesses up to 100 mm: Tolerance on request (-0/+0.30 mm possible).
- Lower machining costs.
- Fewer material costs due to lower saw tolerances.
- Trapezoidal or triangular cutting by line laser.
- Small batch production and serial cutting.
- Heat treatments: stress-relieving annealing, soft annealing, normalising, tempering.
- Parts can also be blasted, milled or disc-ground.

### EHG tube laser cuts – machining range

#### Dimensions

Square tubes:	12x12 – 180x180 mm
Rectangular tubes:	10 – 140 mm per side, max. 110 mm difference between sides
Round tubes:	ø 12 – 254 mm
Flat material:	40x5 – 120x10 mm
L-/C-/U-shaped profiles:	30x20 – 70x70 mm (area 1), 55x30 – 120x120 mm (area 2)
Special cross-sections:	many shapes are possible, dimensions on request.

#### Thread cutting

M4 – M16

#### Max. weight

37.5 kg/m or 225 kg in total

#### Friction drilling

M4 – M12

#### Max. length of finished part

8050 mm

#### Max. material thickness

Structural steel:	10 mm
Stainless steel:	6 mm
Aluminium:	5 mm
Copper:	2 mm
Brass:	3 mm

#### Processable file formats

DSTV, DWG, DXF, GEO, GRA, IGES, IGS, JPG, PDF, STEP, TIF, X\_B, X\_T

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ehg-steel.com





## Countless grades and dimensions of sheet metal, steel bars/beams and steel tubes/hollow sections are available from stock.

EHG has one of the best-stocked steel and metal warehouses in the whole of Central Europe. We keep our warehouses extremely well-stocked, use ultra-modern machinery and run our own vehicle fleet, so we can meet virtually any customer

request professionally and promptly. You benefit from maximum availability and high-speed delivery – just in time, of course.

EHG Steel.Metal: we deliver solutions.

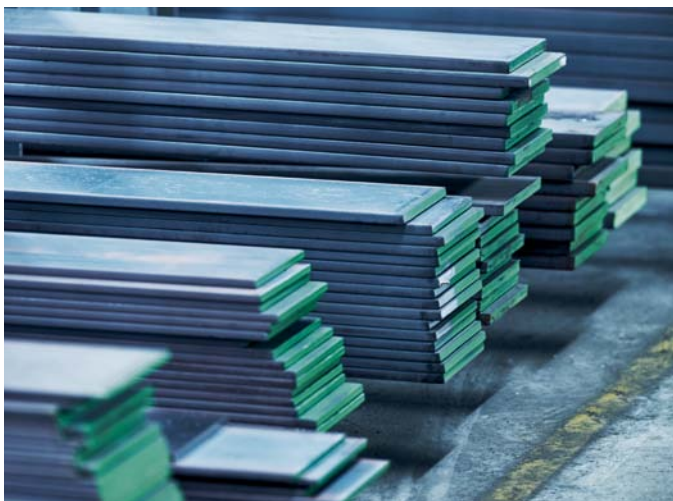
### Sheet metal

Steel sheets		Dimension	Format
DX51D+Z275NA	Sendzimir galvanised	0.60 to 4 mm	NF/MF/GF
DC01+ZE 25/25 AP	electrolytically galvanised	0.75 to 3 mm	NF/MF/GF
DC01A	cold-rolled	0.50 to 2.99 mm	NF/MF/GF + XL
DC04A	cold-rolled	1.00 to 2.99 mm	NF/MF/GF
DD11	pickled and oiled	1.50 to 12 mm	NF/MF/GF + XL
S235JR	black	2.00 to 30 mm	NF/MF/GF
S235JR	pickled and oiled	3 to 20 mm	GF
Teardrop plate S235JR		3 to 10 mm	NF/MF/GF
S355MC	black	3 to 10 mm	MF
S355MC	pickled and oiled	1.50 to 20 mm	NF/MF/GF
S355J2+N	black	3 to 50 mm	GF + XL
S355J2+N	pickled and oiled	4 to 12 mm	GF
S460MC	pickled and oiled	3 to 10 mm	GF
S700MC	black	3 to 15 mm	MF/GF
Hardox 450		3 to 25 mm	GF
Corten		1 to 10 mm	GF
Corrugated sheet metal	galvanised/Aluzinc	0.60 mm	LG 1.50-7 metres
Corrugated sheet metal	brown coated	0.60 mm	LG 2-6 metres



## Steel bars/beams

Steel bars	Grade	Dimension
Flat steel	hot-rolled S235JR	10/3 to 150/60 mm
Wide flat steel	hot-rolled S235JR	160/6 to 450/10 mm
Square steel	hot-rolled S235JR	6 to 100 mm
Round steel	hot-rolled S235JR	6 to 100 mm
Equal angle steel	hot-rolled S235JR	20/20/3 to 200/200/20 mm
Unequal angle steel	hot-rolled S235JR	30/20/3 to 200/100/14 mm
Hot-dip galvanised angle steel	hot-rolled S235JR	25/25/3 to 50/50/5 mm
U profile	hot-rolled S235JR	30/15/4 to 65/42/5.5 mm
Equal-sided T profile	hot-rolled S235JR	20/20/3 to 140/140/15 mm
Wide-flanged T profile	hot-rolled S235JR	30/60/5.5 to 50/100/8.5 mm
<b>S235JR beams</b>		
UNP beam	S235JR	80 to 300 mm
INP beam	S235JR	80 to 300 mm
IPE beam	S235JR	80 to 300 mm
HEA beam	S235JR	100 to 300 mm
HEB beam	S235JR	100 to 300 mm
HEM beam	S235JR	100 to 300 mm
<b>S355J2 beams</b>		
UNP beam	S355J2	80 to 400 mm
UPE beam	S355J2	80 to 300 mm
INP beam	S355J2	200 to 240 mm
IPE beam	S355J2	100 to 500 mm
HEA beam	S355J2	100 to 500 mm
HEB beam	S355J2	100 to 500 mm
HEM beam	S355J2	100 to 140 mm



## Steel tubes/hollow sections

	Grade	Standard	Dimension		
Seamless threaded tubes black & galvanised	S195T	EN10255-M	3/8 to 4	inch	
Seamless threaded tubes black & galvanised	S195T	EN10255-H	1/2l to 2	inch	
Seamless heating tubes	P235	EN10216-1	OD* 25.0 to 323.9	mm	WT** 2.0 to 7.1 mm
Seamless hydraulic tubes black and electro-galvanised	E235+N	EN10305-4	OD 6.0 to 42.0	mm	WT 1.0 to 5.0 mm
Seamless precision steel tubes	E235+C	EN10305-1	OD 6.0 to 130.0	mm	WT 1.0 to 10.0 mm
Seamless heavy or thick wall tubes	S355J2H	EN10210-1	OD 20.0 to 610.0	mm	WT 2.3 to 100.0 mm
Welded threaded tubes black & galvanised	S195T	EN10255-M	3/8 to 4	inch	
Welded threaded tubes black & galvanised	S195T	EN 10255-H	3/4 to 2	inch	
Welded steel tubes	S235 P235	EN10219-1 EN10217-1	OD 30.0 to 355.6	mm	WT 2.0 to 10.0 mm
Welded precision steel tubes	E235+C	EN10305-3	OD 10.0 to 100.0	mm	WT 1.0 to 3.0 mm
Welded structural and handrail tubes	S235	EN10219	OD 1/2 (21.3) to 2 (60.3)	inch	WT 2.0 to 3.2 mm
Threaded bars black & galvanised	4.6 / 8.8		M5 to M36		
Shaped or section tubes, black & bright	S235 S275 E220	EN10219-1 EN10305-5	10x10 20x10 to 100x100 120x80	mm	WT 1.5 to 5.0 mm
Light steel U-sections	S235	EN10162	15x15x15 to 80x200x80	mm	WT 1.5 to 6.0 mm
Light angle steel sections	S235	EN10162	15x15 to 80x60	mm	WT 1.5 to 4.0 mm
Hot-formed hollow sections	S355J2H	EN10210	40x40 to 500x300	mm	WT 2.9 to 16 mm
Cold-formed hollow sections	S235JRH S355J2H	EN10219	40x40 to 400x200	mm	WT 3.0 to 10.0 mm

\* OD = outer diameter \*\*WT = wall thickness



## **EHG.** **Strength as a group.**

### **AUSTRIA**

**EHG Stahlzentrum  
GmbH & Co OG**  
Wallenmahd 54  
6850 Dornbirn  
Austria  
T +43 5572 391-0  
F ext. 5100  
[dornbirn@ehg-stahl.com](mailto:dornbirn@ehg-stahl.com)

**EHG office in Vienna**  
Leopold-Boehm-Strasse 10  
Level D, Top D49-D51  
1030 Vienna  
Austria  
T +43 1 203 31 51-2640  
F ext. 645  
[wien@ehg-stahl.com](mailto:wien@ehg-stahl.com)

**EHG office in Kirchham**  
Nr. 33 a  
4656 Kirchham  
Austria  
T +43 7619 27 0 75-2620  
F +43 7619 27 0 76  
[kirchham@ehg-stahl.com](mailto:kirchham@ehg-stahl.com)

### **GERMANY**

**EHG Stahl.Metall  
Baienfurt GmbH**  
Eisenbahnstrasse 6  
88255 Baienfurt  
Germany  
T +49 751 88 87-0  
F ext. 110  
[baienfurt@ehg-stahl.com](mailto:baienfurt@ehg-stahl.com)

**EHG Stahl.Metall  
Odelzhausen GmbH**  
Robert-Bosch-Strasse 20  
85235 Odelzhausen  
Germany  
T +49 8134 55 77-0  
F +49 8134 55 791-0  
[odelzhausen@ehg-stahl.com](mailto:odelzhausen@ehg-stahl.com)

**EHG Stahl.Metall  
Waldstetten GmbH**  
Siemensstrasse 2  
73550 Waldstetten  
Germany  
T +49 7171 798 969-0  
F ext. 9  
[waldstetten@ehg-stahl.com](mailto:waldstetten@ehg-stahl.com)

**Stahlkontor  
Lingemann GmbH**  
Mindener Strasse 14  
32547 Bad Oeynhausen  
Germany  
T +49 57 31 18 00-0  
F ext. 20  
[badoeynhausen@lingemann-stahl.com](mailto:badoeynhausen@lingemann-stahl.com)

### **SWITZERLAND**

**EHG Stahl.Metall  
Altstätten AG**  
Unterfeldstrasse 8  
9450 Altstaetten (SG)  
Switzerland  
T +41 71 757 38 00  
F +41 71 757 38 09  
[altstaetten@ehg-stahl.com](mailto:altstaetten@ehg-stahl.com)

### **ROMANIA**

**EHG Steel.Metal SRL**  
Str. Delea Veche Nr. 24  
Corp D, etaj 4, Modul 2  
024102, Sector 2 – Bucharest  
Romania  
T +40 372 652 976  
F +40 372 652 977  
[bucharest@ehg-steel.com](mailto:bucharest@ehg-steel.com)

**EHG webshop:**  
[www.ehg-steel.com](http://www.ehg-steel.com)