



Delivery program in higher grades



Systems. Service. Steel.

Three words that express how we see ourselves — as a flexible systems partner, a modern service provider and a reliable supplier of a complete range of steel products.

Steel products are offered in all sizes and grades — mill finished or processed further.

As your logistics partner we guarantee that you have access to all of these services — everywhere and at all times. By granting direct access to all of our warehouses, we ensure that you have the highest possible degree of product availability and reliability.

We can ship your order either to your own stores, your construction site or even just in time to your production facility.

We would like to be part of your solutions.

Abrasion Resistant Steels

ASH 80 (Semi-Manax),
Wear resisting plates with 200-260 HB with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	3 – 15 mm
Width	1.000 – 1.500 mm
Length	2.000 – 12.000 mm

Area of application:

Wear stressed construction parts, for example screen plants

ASH 90 corresponding material number 1.8704, min. 265 HB, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	5 – 60 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

Wear stressed construction, which are mainly underlie friction and subsequently wear, with good weldability and ductility, for example earthmoving equipment, mining machines, sliding plates, mixed and transport systems

Brinar[®]400 or equal (1.8714), min. 360 HB, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	3 – 120 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

High wear stressed construction like earthmoving equipment, mining machines, dumper trucks, scrap press, crushing plants

Brinar[®]500 or equal (1.8734), min. 450 HB, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	5 – 50 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

See also Brinar[®]400

TektoSal[®]400/ ASH 400, min. 340 HB, hot rolled plate from strip for laser cutting

Thickness	5 – 12 mm
Width	1.000 – 2.000 mm
Length	1.500 – 12.000 mm

Brinar[®]400CR, min 340 HB, tempered by air, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	6 – 20 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

See also Brinar[®]400

Brinar[®]480CR, min. 370 HB, wear resistant even at higher temperatures up to 500°C

Thickness	6 – 25 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Quenched and tempered fine grain steels

S 690 QL 1 (1.8988)/ S 690 QL (1.8928) acc. to DIN EN 10025 part 6, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	4 – 200 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

Highly stressed construction for example crane arms, frame construction, side member, earthmoving equipment and lifting machines

S 960 QL (1.8933) and S 890 QL (1.8983) acc. to DIN EN 10025 part 6, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	5 – 60 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

See also S 690 QL

Normalized fine grain structural steels for pressure vessels and steel construction

P 355 NL 2 (1.1106)/ P 355 NH (1.0565)

P 460 NL 2 (1.8918)/ P 460 NH (1.8935) acc. to DIN EN 10028 part 3, with inspection certificate acc. to DIN EN 10204/3.2 TÜV and 3.1, with hot tensile test at +400° C

Thickness	5 – 200 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

Pressure gas vessels, pressure vessels, boiler parts, pressure pipe lines, highly stressed welded construction in heavy machine construction, bridge and steel construction

Specials:

Certified acc. to ASTM/ASME – code

ASTM A 516 Gr.70

S 355 NL (1.0546) and S 460 NL (1.8903) acc. to DIN EN 10025 part 3, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	5 – 120 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

See also P 355 NL2

Steels for cold forming

S 420 MC (1.0980) acc. to DIN EN 10149 part 2, with inspection certificate acc. to DIN EN 10204/ 3.1

Type: Surface after rolling or pickled and oiled	
Thickness	3 – 20 mm
Width	1.000 – 1.500 mm
Length	2.000 – 3.000 mm

Area of application:

Cold forming components in different ways for example vehicle frame, axle construction and special profiles

S 460 MC (1.0982) and S 500 MC (1.0984) acc. to DIN EN 10149 part 2, with inspection certificate acc. to DIN EN 10204/ 3.1

Type: Surface after rolling or pickled and oiled	
Thickness	3 – 20 mm
Width	1.000 – 1.500 mm
Length	2.000 – 3.000 mm

Area of application:

See also S 420 MC

S 700 MC (1.8974) acc. to DIN EN 10149 part 2, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	2 – 20 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

from coil

Thickness	2 – 15 mm
Width	up to 2.000 mm
Length	up to 16.000 mm

Area of application:

Weight saving manufacturing of construction for vehicle and crane construction



Heat-resistant steels

P 295 GH (1.0481) and P 355 GH (1.0473) acc. to DIN EN 10028 part 2, with inspection certificate acc. to DIN EN 10204/ 3.1

Thickness	5 – 50 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

16 Mo 3 (1.5415)

13 Cr Mo 4-5 (1.7335)

10 Cr Mo 9-10 (1.7380)

acc. to DIN EN 10028 part 2, with inspection certificate acc. to DIN EN 10204/ 3.2 TÜV und 3.1

Thickness	2 – 200 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

pressure vessels, steam-boiler plants, pressure pipe lines

specials:

Certified acc. to ASTM/ASME – code

ASTM A 387 Gr. 11 Cl. 2

ASTM A 387 Gr. 12 Cl. 2

ASTM A 387 Gr. 22 Cl. 2

Steels for quenching and tempering

C 45 (1.0503) and C 45 E (1.1191) acc. to DIN EN 10083, with inspection certificate acc. to DIN EN 10204/3.1

Thickness	2 – 200 mm
Width	up to 3.000 mm
Length	up to 12.000 mm

Area of application:

Engineering, mold construction, tool manufacture

42 Cr Mo 4 (1.7225) acc. to DIN EN 10083 with inspection certificate acc. to DIN EN 10204/3.1

Thickness	2 – 200 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:

See also C 45

Case hardening steels

16 Mn Cr 5 (1.7131)/ 20 Mn Cr 5 (1.7147) acc. to DIN EN 10084 with inspection certificate acc. to DIN EN 10204/3.1

Thickness	3 – 200 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:
Engineering, mold construction, tool manufacture

Structural steels with improved atmospheric corrosion resistance

COR-TEN B/S355 J2 W + N (1.8965) acc. to DIN EN 10025 part 5, with inspection certificate acc. to DIN EN 10204/3.1

Thickness	2 – 50 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:
Welded, screwed and riveted construction in different ways, for example steel structural engineering, bridge construction, tank construction, in exhaust system and vehicle construction

Furthermore in our product range
Stainless steel plates

1.4301/1.4307	AISI 304/304 L
1.4541	AISI 321
1.4571	AISI 316 Ti
1.4404	AISI 316 L
14462	S31803
1.4828	AISI 309
1.4841	AISI 310
1.4878	

Tool steels

C 45 U (1.1730) acc. to EN ISO 4957, with inspection certificate acc. to DIN EN 10204/3.1

Thickness	6 – 150 mm
Width	1.000 – 3.000 mm
Length	up to 12.000 mm

Area of application:
Engineering, mold construction, tool manufacture, automotive industry

Material-number 1.2311 alloyed tool steel, quenched and tempered, with inspection certificate acc. to DIN EN 10204/3.1

Material-number 1.2842 acc. to EN ISO 4957, annealed, hardness < 230 HB, with inspection certificate acc. to DIN EN 10204/3.1

Material-number 1.2085, quenched and tempered, with inspection certificate acc. to DIN EN 10204/3.1

Material-number 1.2312 acc. to EN ISO 4957, quenched and tempered to 280-325 HB, with inspection certificate acc. to DIN EN 10204/3.1

Thickness	10 – 120 mm
Width	up to 2.500 mm
Length	up to 7.000 mm

Area of application:
See also C 45 U

Saw cutting

On our efficient log band saws we manufacture bars, merchant bars or cutting parts from plates.

Range of dimension

Thickness:	6 – 360 mm
Min. width:	120 mm
Max. width:	1.600 mm
Min. length:	500 mm
Max. length:	7.000 mm
Example for tolerances:	-0/+2 mm

All higher grades are available in sawn execution.



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**SALZGITTER
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A Member of the Salzgitter Group