

OVERVIEW

PRODUCTS AND SERVICES

Issue 03 | 25

Contents

Steel

Bright Steel	4
Engineering Steel	5
Rolled Steel	5
Tubes	6
Steel Sheets	6
Cast Metal	7
Hardware / Wireware	7
Finishing	8
Our metal goes green	9

Stainless Steel

Steel Bars	10
Tubes	11
Stainless Steel Sheets	11
Processing and Finishing	12

Aluminium

Standard Profiles	14
Thick walled tubes	14
Special profiles	14
Bars	15
Aluminium Sheets	16
Plates	16
Processing and Finishing	17

Non ferrous metals

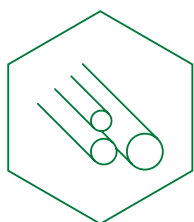
Brass Rods	18
Brass-/Coppersheets	18

Logistics

19

WE ARE WEINMANN AACH

As a strong partner, we supply steel, stainless steel, aluminum, and non-ferrous metals to customers across the entire metal processing industry. The Weinmann Aach Group comprises, besides our headquarters in Dornstetten, locations in Schwäbisch Gmünd and Schorndorf, as well as our sales offices in Baden, Bremen, Freiburg, Stuttgart, and Strasbourg.



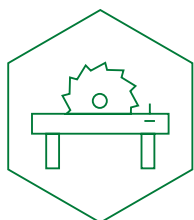
Product range

On a total storage area of around 50,000 square meters, we stock a large range of profiles, pipes, rods, beams, sheets, and plates made of steel, stainless steel, aluminum, and non-ferrous metals.



Logistics

With around 50 company-owned trucks, we ensure fast and punctual delivery, if necessary within one day. Upon request, we store your goods and deliver them precisely on the desired date.



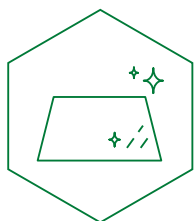
Processing

We manufacture high-quality cut-to-size parts from profiles, rods, pipes, and plates. Drilling, milling, deburring, shot blasting, and centering of rods and sawn sections are also part of our processing services.



Consulting

As part of our services, we develop individual concepts in close cooperation with our customers covering the procurement, storage, processing, and delivery of metal semi-finished products.



Finishing

For improved further processing, we offer the following finishing options: blasting, preservation, sheet lamination, anodizing, powder coating, hot-dip galvanizing, electro-galvanizing, grinding, and/or brushing (duplex).



Weinmann 365

Get to know our company and access our uniquely broad product range online. **Scan the QR code next to the product groups to go directly there.**

Please also inquire about non-stocked goods and dimensions!

STEEL

Weinmann Aach offers steel in all its diversity. Whether steel beams and hollow structural sections for construction or bright and quality steels for precision engineering. As a full-range supplier with our own fleet and versatile processing capabilities, we deliver steel products quickly and reliably — tailored exactly to your needs.



Access the steel products
directly in Weinmann 365.

STEEL

BRIGHT STEEL

Round Steel

S235+c/sh	3 mm to 160 mm
11SMn30+c/sh	3 mm to 180 mm
11SMnPb30+c/sh	4 mm to 150 mm
16MnCrS5+c/sh	6 mm to 100 mm
42CrMoS4+QT+c/sh	8 mm to 90 mm
C45+c/sh	6 mm to 120 mm
C45+sl h6, ground	16 mm to 100 mm
C35+c/sh	8 mm to 80 mm
C35+sl h6, ground	8 mm to 60 mm
S355+c/sh	6 mm to 150 mm
Silberstahl 115CrV3	3 mm to 50 mm
C15+c/sh	20 mm to 60 mm
ETG100+c	10 mm to 70 mm

Square Steel

S235+c	3 mm to 120 mm
11SMn30+c	16 mm to 90 mm
11SMnPb30+c	6 mm to 100 mm
C45+c	10 mm to 100 mm

Flat Steel

S235+c	6 x 2 mm to 400 x 30 mm
C45+c	20 x 6 mm to 160 x 30 mm

Wedge Steel

C45+c	10 x 8 mm to 25 x 14 mm
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Hexagonal Steel

11SMn30+c	SW 17 mm to 60 mm
11SMnPb30+c	SW 6 mm to 65 mm
42CrMoS4+QT+c	SW 17 mm to 46 mm
C45+c	SW 10 mm to 55 mm

Angel Steel equal leg / unequal leg

S235+c	10 x 10 x 2 to 100 x 100 x 10 mm 15 x 10 x 3 to 100 x 50 x 10 mm
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STAHL

QUALITY STEEL

Round Steel

S355 J2 (+N) (+SH)	12 mm to 800 mm
C45 R/E (+N) (+SH)	20 mm to 800 mm
C60 (+N)	20 mm to 200 mm
16/20MnCrS5 (+FP+SH)	20 mm to 800 mm
16MnCrB5+HH+FP	65 mm to 340 mm
42CrMo(S)4+QT (+SH)	20 mm to 800 mm
18CrNiMo7-6+HH+FP (+SH)	20 mm to 420 mm
30CrNiMo8+QT	20 mm to 255 mm
34CrNiMo6+QT	20 mm to 200 mm
31CrMoV9+QT+SR	30 mm to 410 mm
100Cr6+AC	20 mm to 300 mm

Square Steel

S355 J2	20 mm to 200 mm
C45 R/E	20 mm to 200 mm
16/20MnCrS5	20 mm to 200 mm
42CrMo(S)4+QT	20 mm to 200 mm

Flat Steel

S355 J2	20 x 8 mm to 250 x 50 mm
C45 R/E	40 x 10 mm to 150 x 100 mm
16/20MnCrS5	20 x 10 mm to 200 x 60 mm
42CrMo(S)4+QT	30 x 10 mm to 150 x 50 mm

STAHL

ROLLED STEEL

Bar Steel S235

Round Steel	6 mm to 100 mm
Flat Steel	10 x 3 mm to 400 x 20 mm
Square Steel	6 mm to 100 mm
Angle Steel	15 x 15 x 3 mm to 200 x 200 x 24 mm 30 x 20 x 3 mm to 250 x 90 x 12 mm
T-Steel	20 mm to 140 mm
U-Steel	30 x 15 x 4 mm to 70 x 40 x 6 mm
Special Profiles / Vehicle Profiles	

Structural Steel / Wide Flange Beams S235

UNP*	80 mm to 300 mm
UPE	80 mm to 200 mm
INP	80 mm to 200 mm
IPE	80 mm to 300 mm
HEB	100 mm to 300 mm
HEM	100 mm to 200 mm
HEA	100 mm to 300 mm

* Dimensions from 80 mm to 160 mm are also available in S355.



STEEL PIPES

Pipes S235*

Round Pipes	13,5 mm to 219,1 mm
Square Pipes	10 x 10 mm to 200 x 200 mm
Rectangular Pipes	15 x 10 mm to 250 x 100 mm
Precision Pipes (welded and seamless)	6 mm to 100 mm
Hydraulic Pipes	4 mm to 50 mm
RP Pipes and Accessories	various series
Special-Shaped Pipes	Tunnel, Oval, Flat-Oval

* Many dimensions are also available in S355J2H, hot-dip galvanized / electro-galvanized / zinc-coated.



Steel profiles, steel pipes, and steel sheets can be shot-blasted in our blasting facility for improved processing upon request.

Special profiles cold-rolled / hot-rolled: mounting rails, C-profiles, U-profiles, and more.



STEEL SHEETS

Cold-Rolled Sheets

DC 01	0,50 mm to 2,99 mm
DC 04	1 mm to 2,50 mm

Strip / Quarto Plates

S235JR	3 mm to 60 mm
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Pickled / Oiled Sheets

S235 / DD11 / DD12	2 mm to 20 mm
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Fine-Grain Structural Steel, Pickled / Oiled

S355MC	2 mm to 20 mm
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Weather-Resistant Sheets

S355J2W +N	2 mm to 10 mm
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Chequered / Tear Plates

S235JR	3 mm to 10 mm
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Galvanized Sheets

DX51 D+Z275 MAC	0,50 mm to 5 mm
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Electro-Galvanized Fine Sheets

DC01+ZE25/25	1 mm to 3 mm
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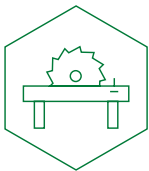
Perforated Sheets

DC01 / DD 11
Round hole staggered and square hole straight pattern
Also available in stainless steel and aluminum

Quarto Plates (2000 × 3000 mm)

S355J2+N	15 mm to 200 mm
C45+N	15 mm to 200 mm
16MnCr5+N	15 mm to 300 mm
42CrMo4+N	15 mm to 200 mm
18CrNiMo7-6+HH+FP	15 mm to 320 mm

Steel sheets available as standard in formats: 1000 × 2000 mm, 1250 × 2500 mm, and 1500 × 3000 mm.

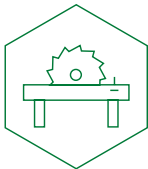


Quarto plates (in grades C45+N, 42CrMo4+N, 16MnCr5+N, and S355J2+N) are also available as block or strip cut to customer specifications.

STEEL

CAST IRON

Round	
EN-GJL-250 (GG25)	30 mm to 430 mm
EN-GJS-400-15 (GGG40)	40 mm to 400 mm
EN-GJS-500-7 (GGG50)	85 mm to 350 mm
EN-GJS-600-3 (GGG60)	90 mm to 130 mm
Square	
EN-GJL-250 (GG25)	40 mm to 200 mm
EN-GJS-400-15 (GGG40)	40 mm to 200 mm
Flat	
EN-GJL-250 (GG25)	50 x 40 mm to 250 x 220 mm
EN-GJS-400-15 (GGG40)	60 x 50 mm to 240 x 220 mm

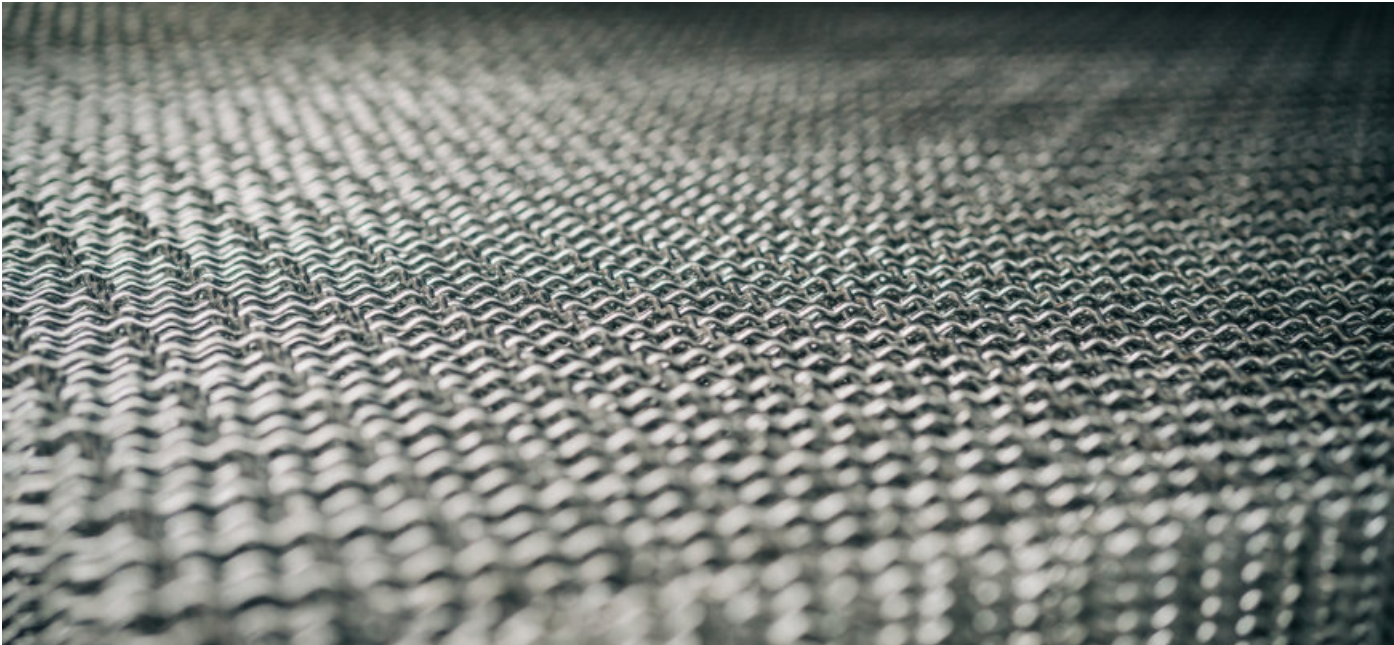


Also available as block band cuttings in continuous casting in grades EN-GJL-250, EN-GJS-400-15, EN-GJS-500-7, and EN-GJS-600-3.

WIRE AND IRON

GOODS

Wire Products	
Wire and wire mesh	
Fence and fence accessories, wing gates	
Corrugated and welded mesh panels	
Double rod mats	
Gratings	
Gratings	
Stair treads	
Accessories such as edging profiles and safety fittings	
Plastics	
Plastic caps, plates, accessories	
Round rods, plates, accessories	
Iron Goods	
Discs and cover caps	
Half and hollow spheres	
Boiler tube bends	



PROCESSING AND REFINEMENT

Block Band Cuttings from Steel

In our production halls, three high-performance block band saws are in operation. From available blocks and sheets, we produce flat and wide-flat dimensions up to a length of 6,000 mm — according to your desired dimensions, with minimal tolerance deviations and without edge hardening.

- Block band cuttings available in the following grades:

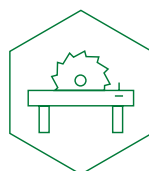
EN-GJL-250, EN-GJS-400-15,
EN-GJS-500-7, EN-GJS-600-3

- Sheet cuttings (2,000 × 3,000 mm) up to a thickness of 300 mm, available in grades S355J2+N, 16MnCr5+N, C45+N, 42CrMo4+N, and various special grades such as 18CrNiMo7-6+HH+FP.

Immediate final processing is possible through purely mechanical machining of the material — without additional heat treatment.

Cuttings of Profiles and Bars

With an impressive range of machinery consisting of 22 band saws, 3 mitre band saws, 2 circular saws for steel and stainless steel, and 3 circular saws for aluminium, we manufacture cuttings of profiles and bars made of aluminium, steel, and stainless steel in virtually any length.



Also available as band-saw cuttings up to 800 mm.



STAINLESS STEEL PIPES

Construction and Conduit Pipes

1.4301 / 1.4307	6 x 1,0 mm to 323,9 x 3 mm
1.4571	12 x 1,5 mm to 323,9 x 3 mm
1.4404 / 1.4401	21,3 x 2 mm to 104 x 2 mm

Seamless Round Pipes

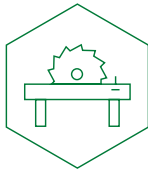
1.4301 / 1.4307	6 x 1 mm to 70 x 5 mm
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Square Tubes

1.4301 / 1.4307	10 x 10 x 1 mm to 200 x 200 x 5 mm
1.4571	20 x 20 x 2 mm to 100 x 100 x 5 mm

Rectangular Tubes

1.4301 / 1.4307	20 x 10 x 1,5 mm to 200 x 100 x 6 mm
1.4571	30 x 20 x 2 mm to 150 x 100 x 5 mm



Also available ground (K60 to K400), individually packaged in tube foil and with high-quality packaging.

STAINLESS STEEL SHEETS

Cold-Rolled Sheets*

1.4016	1 mm to 1,5 mm
1.4301 / 1.4307	0,5 mm to 8 mm
1.4404 / 1.4401	1 mm to 6 mm
1.4571	0,5 mm to 6 mm

Hot-Rolled Sheets*

1.4301 / 1.4307	3 mm to 40 mm
1.4404 / 1.4401	6 mm to 15 mm
1.4571	5 mm to 15 mm
1.4828	1 mm to 4 mm
1.4841	1 mm to 5 mm

Chequer Plates*

1.4301 / 1.4307	1,5 mm to 5 mm
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Pattern-Rolled Sheets*

1.4301 / 1.4307	1 mm to 2 mm
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*Available as standard in formats 1000 x 2000 mm, 1250 x 2500 mm, 1500 x 3000 mm and partly in 1500 x 4000 mm and 2000 x 4000 mm.



Also available cut-to-size, single- or double-sided foil-coated, brushed and/or ground (K80 to K400) with transport protection.



PROCESSING AND REFINEMENT

Cutting of Solid Material, Profiles and Plates

- Large-scale series on circular saws up to 150 mm
- Mitre cuts of steel profiles up to 500 x 750 x 15.000 mm
- Contract sawing

Foiling

We apply foil to aluminium and stainless-steel sheets using our foiling system, on request also double-sided. On our modern blasting system, we treat bar steel, section steel, pipes and sheets up to a height of 500 mm and 1500 mm in width. Lengths up to 18 m are no problem.

Our Refinement Options

- Blasting
- Preserving
- Foiling on sheets
- Anodizing
- Powder coating
- Hot-dip galvanizing
- Electro-galvanizing
- Grinding and / or brushing (Duplex)





ALUMINIUM

Versatile, lightweight and durable. Weinmann Aach offers an exceptionally wide range of aluminium semi-finished products in stock. This includes standard profiles, custom-drawn profiles, bar material in machining grades as well as plates and sheets. In our in-house sawmill we can deburr profiles, bars and plates and cut them with high precision.

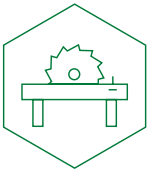


Go directly to the
aluminum products in
Weinmann 365.

ALUMINIUM STANDARD PROFILES

AlMgSi0,5 EN AW-6060

Round Tubes	6 x 1 mm to 300 x 4 mm
Square- / Rectangular Tubes	10 x 10 x 1 mm to 200 x 200 x 4 mm
Rectangular Tubes	20 x 10 x 1,5 mm to 250 x 50 x 3 mm
Round Profiles	4 mm to 100 mm
Square Profiles	6 x 6 mm to 100 x 100 mm
Flat Profiles	8 x 5 mm to 300 x 20 mm
Equal Angles	10 x 10 x 1 mm to 120 x 120 x 12 mm
Unequal Angles	15 x 10 x 1,5 mm to 230 x 100 x 3,0 mm
T-Profiles	15 x 15 x 1,5 mm to 120 x 50 x 2,0 mm
U-Profiles	10 x 10 x 10 x 1 mm to 38 x 260 x 38 x 3 mm
Z-Profiles	10 x 15 x 10 x 2 mm to 86 x 40 x 40 x 3 mm



NEW! All profiles also available deburred, cut to tight tolerances (in series), anodized or powder-coated, and with transport protection.

ALUMINIUM THICK-WALLED TUBES

AlMgSi1 EN AW-6082

Round Tubes	40 x 10 mm to 400 x 50 mm in 3-6 m lengths
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ALUMINIUM SPECIAL PROFILES

Custom-Drawn Profiles

- Consulting regarding technical possibilities
- Implementation and production of your desired profile
- Significant price advantages through bundled purchasing
- Financing and storage on call

Solar Profiles and Accessories

Mechanical Engineering Profiles and Accessories

Terrace Roof

Please request our terrace roof flyer

ALUMINIUM

BARs

Round Bars

AlCuMgPb (EN AW-2007)	drawn	8 to 65 mm
	extruded	20 to 400 mm
	cast	150 to 500 mm
AlCuMg1 (EN AW-2017A)	extruded	20 to 140 mm
AlCu2,5BiMnMg (EN AW-2033LF)	drawn	6 to 65 mm
	extruded	30 to 250 mm
AlMg4,5Mn (EN AW-5083)	extruded	20 to 200 mm
AlMg3 (EN AW-5754)	drawn	10 to 15 mm
	extruded	20 to 130 mm
AlMgSiBi (EN AW-6026(LF))	drawn	8 to 65 mm
	extruded	20 to 250 mm
AlMgSi1 (EN AW-6082)	drawn	5 to 65 mm
	extruded	8 to 400 mm
AlZnMgCu1,5 (EN AW-7075)	drawn	8 to 60 mm
	extruded	20 to 450 mm

Flat Bars

AlCuMgPb (EN AW-2007)	extruded	15 x 8 mm to 200 x 30 mm
AlMgSi1 (EN AW-6082)	extruded	20 x 5 mm to 200 x 30 mm
AlMgSiBi (EN AW-6026(LF))	extruded	25 x 15 mm to 150 x 50 mm

Square Bars

AlCuMgPb (EN AW-2007)	drawn*	6 to 50 mm
	extruded	20 to 250 mm
AlMgSi1 (EN AW-6082)	extruded	10 to 200 mm
AlZnMgCu1,5 (EN AW-7075)	extruded	20 to 180 mm
AlMgSiBi (EN AW-6026(LF))	extruded	20 to 180 mm

Hexagonal Bars

AlCuMgPb (EN AW-2007)	drawn	SW 12 to 60 mm
AlMgSi1 (EN AW-6082)	drawn	SW 12 to 41 mm

* Thin dimensions partly drawn in EN AW-2033.



Also available deburred, cut to tight tolerances (in series) and with high-quality transport protection.



ALUMINIUM SHEETS

Plain Sheets

Al99,5 (EN AW-1050A)	0,5 mm to 5 mm
AlMg1NQ (EN AW-5005)	1 mm to 4 mm
AlMg1EQ (EN AW-5005)	1 mm to 4 mm
AlMg3 (EN AW-5754)	0,5 mm to 12 mm
AlMg4,5Mn (EN AW-5083)	4 mm to 6 mm
AlMgSi1 (EN AW-6082)	0,8 mm to 5 mm
AlCuMg1 (EN AW-2017)	2 mm to 4 mm

Alu-Quintet Tread Plates

AlMg3 (EN AW-5754)	2,5 / 4,0 mm to 8,0 / 9,5 mm
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Alu-Duet Tread Plates

AlMg3 (EN AW-5754)	1,5 / 2,0 mm to 8,0 / 9,5 mm
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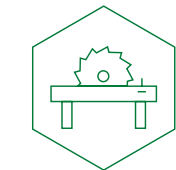
Anodized and Coated Sheets

anodized E6/EV1
anodized E6/C34 bronze
powder-coated RAL 9010
powder-coated RAL 9016
powder-coated RAL 9006
powder-coated RAL 9007

Perforated Aluminium Sheets

Round perforation staggered
Round perforation straight row
Square perforation staggered
Square perforation straight row
Special perforation

Available as standard in formats 1000 x 2000 mm, 1250 x 2500 mm, 1500 x 3000 mm, 1500 x 4000 mm and 2000 x 4000 mm.

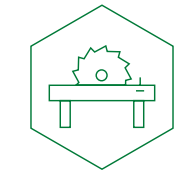


Also available single- or double-sided foil-coated, anodized, powder-coated and with high-quality transport protection.

ALUMINIUM PLATES

Plates

AlMg3 (EN AW-5754)	3 mm to 60 mm
AlMg4,5Mn (EN AW-5083)	5 mm to 180 mm
AlMgSi1 (EN AW-6082)	5 mm to 200 mm
AlCuMg1 (EN AW-2017)	5 mm to 150 mm
AlZnMgCu0,5 CERTAL® (EN AW-7022)	8 mm to 100 mm
AlZnMgCu1,5 (EN AW-7075)	2 mm to 250 mm
Precision Cast Plates AlMg4,5Mn (EN AW-5083)	5 mm to 100 mm
Precision Plates ALPLAN® (EN AW-7075)	8 mm to 50 mm
Precision Plates ALPLAN® (EN AW-6082)	10 mm to 50 mm



NEW! Also available deburred, cut to tight tolerances up to a thickness of 250 mm and with high-quality transport protection.



PROCESSING AND REFINEMENT

Weinmann Aach is your reliable machine shop in the Black Forest. In almost all product areas, we provide our customers with the right solution for the processing and refinement of metals.

Cutting of Solid Material, Profiles and Plates

- Cutting of profiles, bars and plates made of aluminium in the grades:

EN AW-6060, EN AW-2007, EN AW-2017A, EN AW-2033,
EN AW-5083, EN AW-5754, EN AW-6026LF,
EN AW-6082, EN AW-7075

Aluminium Profile Cutting

With our in-house aluminium profile saws from Briganto, we produce cuts up to a cross-section of 250 mm and a length of 7,100 mm. And in top quality, with the tightest tolerances and almost burr-free. Scratches are a thing of the past – chips are completely extracted during sawing.

- everything from one saw – from small profiles and bars to large-volume material
- positioning accuracy up to +/- 0.1 mm
- adjustable clamping pressure for gentle machining – burr-free and scratch-free
- material-friendly processing thanks to innovative technology
- optimum material utilization through minimal waste

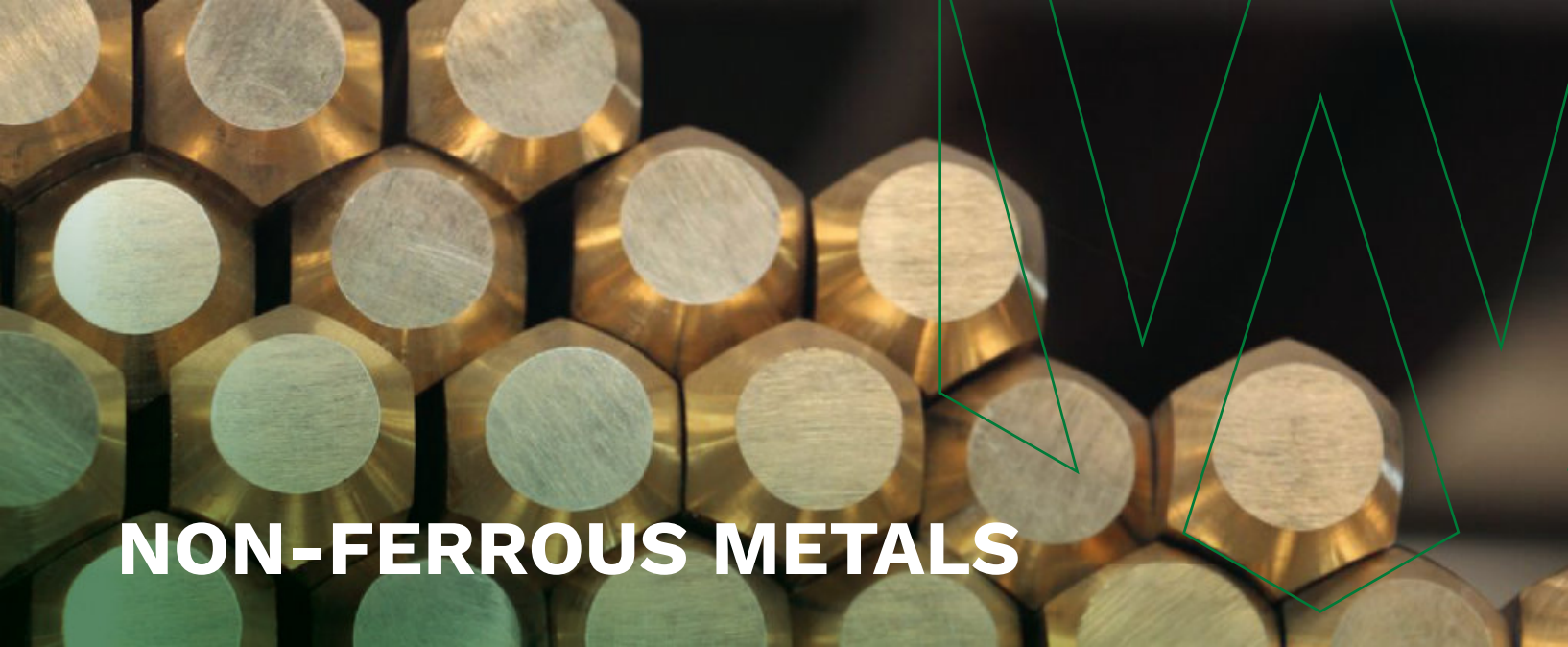
Aluminium Plate Cutting

For maximum precision. No one does it faster than us: with our state-of-the-art and powerful aluminium plate saws from Briganto, we cut aluminium plates up to 250 mm thick with tenth-of-a-millimetre accuracy. The material is optimally protected by chip extraction during cutting.

- cutting of aluminium plates up to 250 x 2,150 x 4,050 mm
- positioning accuracy up to +/- 0.1 mm. Maximum precision even for very small cuts
- optimized cutting quality through adjustable saw parameters (feed rate, speed, blade overhang and clamping pressure)
- material-friendly processing thanks to innovative technology
we can store series parts in our intermediate warehouse and deliver them just in time

**Further alloys and specifications available
– just ask us!**





NON-FERROUS METALS

With over 50,000 stocked products, Weinmann Aach offers a uniquely wide range of steel, stainless steel, aluminium products and numerous non-ferrous metals – all from a single source. Thanks to our excellent contacts with mills and trading partners, we are also the right contact for special materials and customer-specific profiles.



Go directly to the non-ferrous metal products in Weinmann 365.

NON-FERROUS METALS BRASS BARS

CuZn39Pb3	
Round Bars	6 mm to 160 mm
Flat Bars	20 x 10 mm to 40 x 15 mm
Square Bars	6 mm to 60 mm
Hexagonal Bars	4 mm to 60 mm

NON-FERROUS METALS SHEETS

Brass Sheets	
CuZn37	1 x 1000 x 2000 mm to 4 x 1000 x 2000 mm
Copper Sheets	
Cu-DHP	0,6 x 1000 x 2000 mm bis 6 x 1000 x 2000 mm

LOGISTICS

The Weinmann Aach Group has a total storage area of 50,000 sqm across its various locations. Equipped with 5 fully automated high-bay storage systems and modern crane technology, combined with a comprehensive machine park, we can also fulfill special customer requirements.

Our customers value our reliable and flexible delivery service. With around 50 company-owned vehicles and our qualified drivers, the shipping team ensures punctual delivery. All regions of our sales area (including large parts of southern Germany, Alsace and other areas) are supplied daily or at least twice a week.

- reliable and flexible delivery service
- 50 company-owned trucks
- transport protection with film or wood
- procurement service for your required dimensions via one of our competent partners

