






NON-FERROUS METAL DISTRIBUTION 
ALU CAST PLATE PRODUCTION 
CNC-PROCESSING 

Cast plate production



I only buy plates directly from the factory.

I count on AMCO.



Alu cast plate production

AMCO is well known for its first class production of AL cast plates. Our state-of-the-art production facilities and skilled team enable us to deliver high precision aluminium plates that meet the highest standards of quality. We are known for:

- Fast production of high quality made in Germany
- Big stock + production on demand
- Flexibility on thickness + dimensions

Our cast aluminum plates of alloy EN AW-5083 (AL Mg 4.5 Mn) are characterized by its low stress levels. An excellent microstructure to be achieved by homogenization. Permanently on stock:

ALU CAST PLATES EN AW-5083 - **both sides milled**

(surface roughness $R_a = 0,4 / R_z = 2$, thickness tolerance: $\pm 0,1$ mm)

Flatness deviation max. thickness < 16 mm : 0,40 mm/m, thickness > 16 mm : 0,15 mm/m

ALU CAST PLATES EN AW-5083- **six sides sawn**

Thickness tolerance: $-0 / +3$ mm

thk. mm	dimension 1520 x 3020 mm	dimension 2170 x 3050 mm
5	●	
6	●	
8	●	
10	● ●	● ●
12	● ●	● ●
15	● ●	● ●
20	● ●	● ●
25	● ●	● ●
30	● ●	● ●
35	● ●	● ●
40	● ●	● ●
45	● ●	● ●
50	● ●	● ●
60	● ●	● ●
65	● ●	●
70	● ●	●
75	●	
80	● ●	●
85	●	
90	●	
100	● ●	●
110	●	●
120	●	●
130	●	
140	●	●
150	●	
160	●	●
170	●	
180	●	
200	●	

Alu cast plate production

Your advantages compared to a rolled plate:

- Savings in material price
- Flexibility in thickness
- Faster processing due to better machinability of the material

Take advantage of your benefits today.
Order now!

Typical mechanical properties:

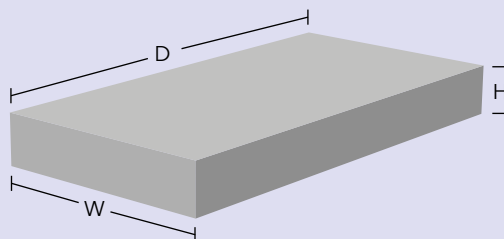
Tensile strength:	Rm	250 - 275 MPa (N/mm ²)
Yield strength:	Rp 0.2	115 - 125 MPa (N/mm ²)

Specified characteristics:

- Very good tensile strength properties
- Stress-relieved
- Good flatness after sawing
- Excellent corrosion resistance
- Good anodising quality
- Good welding properties
- Good mechanical properties
- Very good machinability

Cast-Alu-Block dimensions

<i>H x W x D</i>
570 x 1520 x 3020
570 x 1570 x 3670
570 x 2170 x 3050
1050 x 1720 x 2250



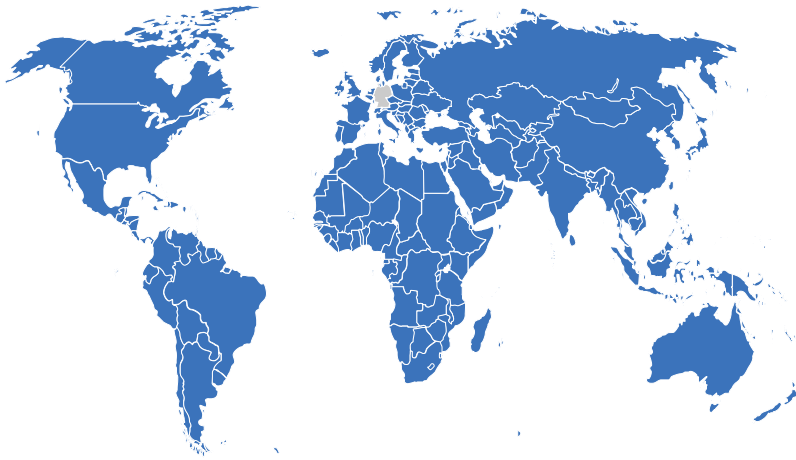
Other dimensions on request.



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EXPORT DEPARTMENT

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AMCO at a glance

- Approx. 7000 tons in stock
- More than 220 employees
- Owner-operated family business, founded in 1980
- Qualified expert advice
- High availability of materials
- Quick and reliable delivery