

Apart from AIMg (AIMg3 EN AW 5754-H111/H12/H22 y 5083-H111) sheets and plates, mentioned in another section of the website, we can offer specific state alloys for the building of any kind of aluminium ships.

Size (mm.)	EN AW 5083-H116/H321
6000 x 2000 x 4	x
6000 x 2000 x 5	x
6000 x 2000 x 6	x
6000 x 2000 x 7	x
6000 x 2000 x 8	x
6000 x 2000 x 10	x



According to quantity it can be supplied in different widths and lengths.

Upon request, we can serve these sheets with their certificate of inspection.



Germanischer Lloyd



Lloyd's Register  
of Shipping



Det Norske Veritas



Bureau Veritas



American Bureau  
of Shipping



ALUMINIUM-MAGNESIUM ROUND BARS



ALUMINIUM-MANESIUM ROUND TUBES

Ø mm.	Weight Kg/m	EN AW 5754-H112/F	EN AW 5083-H112/F
3	0,02	○	
6	0,08	○	
7	0,11	○	
8	0,14	○	
10	0,22	○	●
15	0,49	○	●
20	0,88	○	●
22	1,06	○	
25	1,37	○	●
30	1,98	○	●
32	2,29	○	
35	2,69	○	
40	3,52	○	●
45	4,53	○	
50	5,50	○	●
60	7,92	○	●
65	9,46		○
70	10,78	○	●
75	12,60	○	○
80	14,08	○	●
90	17,82	○	●
95	20,20		○
100	22,00	○	●
110	27,10		●
120	31,68		●
130	37,18		●
140	43,12		●
150	49,50		●
160	56,32		●
170	64,70		○
180	72,50		●
190	81,30		○
200	88,00		●
225	111,40		●
250	137,50		●
275	166,40		●
300	202,00		●
350	274,00		●
400	358,00		● (*)
450	453,00		● (*)
500	560,00		● (*)

(\*) Cast

Standard length: 3.000 mm.

Size mm.	Weight Kg/m	EN AW 5754-H112	EN AW 5083-H112
15 x 10	0,27		○
20 x 14	0,43	○	
25 x 20	0,48		○
25 x 19	0,56	○	
25 x 15	0,86	○	
30 x 25	0,59	○	
30 x 24	0,70		○
30 x 22	0,90		○
30 x 20	1,08	○	●
35 x 29	0,83	○	○
35 x 25	1,30	○	
40 x 34	0,96	○	
40 x 32	1,24	○	○
40 x 30	1,51	○	●
45 x 35	1,68	○	
50 x 40	1,94	○	●
60 x 54	1,48		○
60 x 52	1,94		○
60 x 50	2,38	○	●
60 x 48	2,80		○
65 x 55	2,60		○
70 x 60	2,81		●
80 x 70	3,24	○	●
90 x 80	3,61	○	●
90 x 74	5,67		○
100 x 90	4,10	○	●
100 x 88	4,87		○
110 x 100	4,53	○	
110 x 94	7,05		○
120 x 104	7,74		○
150 x 134	9,81		○
180 x 160	14,68		○
240 x 220	19,91		○
350 x 338	17,57	○	

Standard length: 6.000 mm.












Upon request, minimum quantity.













ALUMINIUM-MAGNESIUM EQUAL SIDE ANGLES

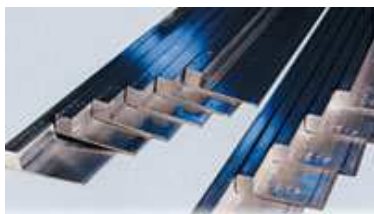


ALUMINIUM-MAGNESIUM UNEQUAL SIDE ANGLES










Size mm.	Weight Kg/m	EN AW 5754-H112/F	EN AW 5083-H112/F
20 x 20 x 3	0,30		
30 x 30 x 3	0,47		
35 x 35 x 4	0,72		
40 x 40 x 4	0,83		
40 x 40 x 5	1,02		
40 x 40 x 6	1,20		
50 x 50 x 5	1,29		
60 x 60 x 5	1,55		
60 x 60 x 7	2,22		
80 x 80 x 8	3,29		
100 x 100 x 10	5,20		

Size mm.	Weight Kg/m	EN AW 5083-H112/F
50 X 30 X 4	0,84	
50 X 30 X 5	1,03	
60 X 30 X 4	0,95	
60 X 30 X 5	1,17	
60 X 40 X 5	1,31	
60 X 40 X 6	1,55	
75 X 50 X 5	1,68	
75 X 50 X 7	2,27	
80 X 40 X 6	1,88	
100 X 60 X 6	2,54	

**UPON REQUEST**



**BULB FLAT BAR**

Size mm.	Weight Kg/m	EN AW 6082-T6	EN AW 5383-H112
60 x 5	1,24		
65 x 3,5	1,25		
75 x 4	1,60		
85 x 4,5	2,02		
100 x 5	2,67		
120 x 5	3,60		
120 x 6	3,22		
140 x 6	4,72		
160 x 6,5	5,94		
180 x 7	7,08		

**UPON REQUEST**



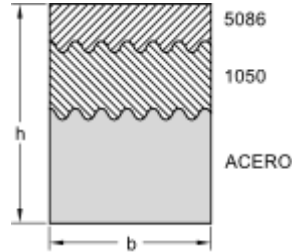


ALUMINIUM-MAGNESIUM FLAT BARS

Size mm.	Weight Kg/m	EN AW 5754-H112/F	EN AW 5083-H112/F
30 x 3	0,24		<input type="checkbox"/>
30 x 4	0,32	<input type="checkbox"/>	
30 x 5	0,40	<input type="checkbox"/>	
30 x 10	0,81	<input type="checkbox"/>	
30 x 15	1,21	<input type="checkbox"/>	
30 x 20	1,62	<input type="checkbox"/>	
40 x 4	0,43	<input type="checkbox"/>	<input type="checkbox"/>
40 x 5	0,54	<input type="checkbox"/>	
40 x 8	0,86	<input type="checkbox"/>	<input type="checkbox"/>
40 x 10	1,08	<input type="checkbox"/>	
40 x 15	1,62	<input type="checkbox"/>	
50 x 5	0,67	<input type="checkbox"/>	<input type="checkbox"/>
50 x 8	1,08		<input type="checkbox"/>
50 x 10	1,35	<input type="checkbox"/>	
50 x 40	5,40		<input type="checkbox"/>
60 x 5	0,81		<input type="checkbox"/>
60 x 6	0,97		<input type="checkbox"/>
60 x 8	1,20	<input type="checkbox"/>	<input type="checkbox"/>
60 x 10	1,62	<input type="checkbox"/>	
80 x 8	1,72	<input type="checkbox"/>	<input type="checkbox"/>
80 x 10	2,16		<input type="checkbox"/>
100 x 4	1,14		<input type="checkbox"/>

**UPON REQUEST**

Standard length: 6.000 mm.



STEEL-ALUMINIUM BIMETALLIC FLAT BARS

b x h mm	
16 x 34,50	<input type="checkbox"/>
20 x 34,50	<input type="checkbox"/>
25 x 34,50	<input checked="" type="checkbox"/>
30 x 34,50	<input type="checkbox"/>

Standard length: 3.700 mm.

**COMPOSITION:**

Coating: 6mm thickness 5086 H111 aluminium or equivalent

Intermediate layer: 9,5mm thickness 1050 H111 aluminium or equivalent

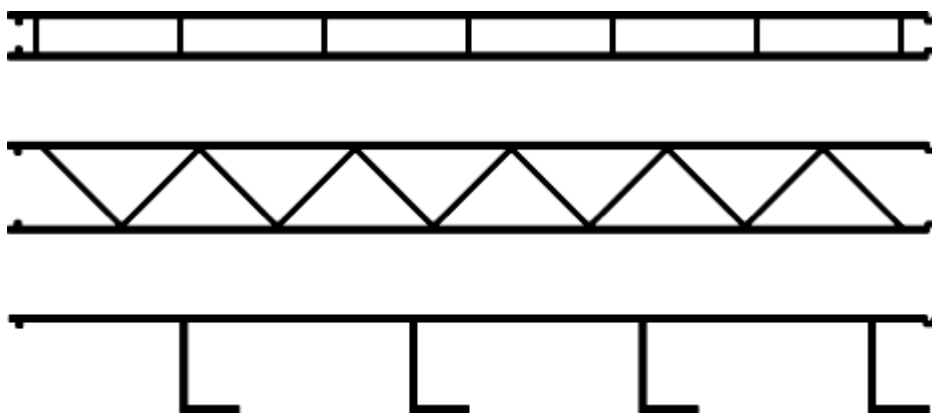
Base support: 19mm thickness ASTM A 516 steel or equivalent

Plates and sheets can be obtained up to 1300mm.

Note: The width of the plate must be at least 4 times wider than the plate to weld.

Due to the wide range of products for ship building we can provide, only a few models are shown here.

Due to the wide range of products for ship building we can provide, other models. Some are shown here.



Always upon request



Fast ferry built by Navantia (former E.N. Bazar) in San Fernando (Cadiz)