

# ALUMINUM STANDARD PROFILE

## PRODUCT CATALOGUE



**metaloumin.gr**

## Aluminum profiles for custom applications



Metaloumin S.A. is a Greek aluminum extrusion industry established in 1969, producing patented series of architectural profiles for doors & windows, special profiles to customer requirements (green houses, decking, architectural fittings, LED & lighting fixtures, balustrades, railings e.tc.) and, since 2009, photovoltaic mounting systems and the single axis Tracker for all installation types.

Our in-house Engineering & Static Studies department has developed multiple geometries and designs, following contemporary market trends and client requirements.

In addition, the experienced R&D Department constantly works on new designs and applications to expand our product range and accessories, adapting to market requests and meeting client expectations. Further, our Processing Department (cutting, drilling and welding to measurements) provides a one-stop-shop experience.

Finally, our Logistic and After Sales Service, ensure continuation of our co-operation in the future.

### Metaloumin' s Certifications & Competitive advantages:

- EN ISO 9001:2015 Certification
- EN ISO 14001:2015 Certification
- QualiCoat-Sea Side Class Certification
- QualAnod Certification (process not in-house)
- Vertical in-house production beginning from aluminum raw material and resulting in complete systems
- Large variety of designs covering custom and contemporary markets



EN ISO 9001:2015

Αριθ. Εγγραφής Πιστοποίησης:

0405008



EN ISO 14001:2015

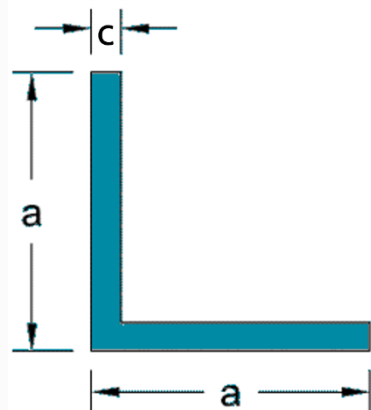
Αριθ. Εγγραφής Πιστοποίησης:

010140155

## Πρότυπα

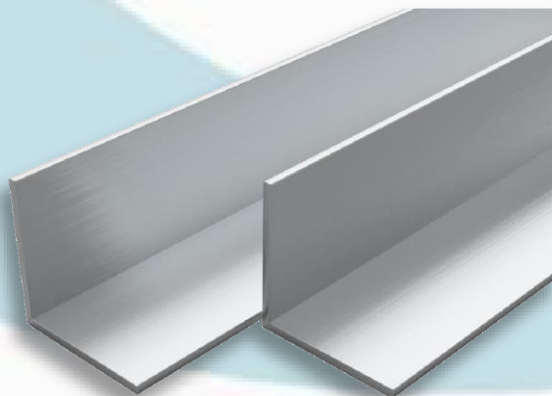
EN Standard	Description
EN 755-1	Technical conditions for inspection delivery
EN 755-3	Round bars, tolerances on dimension & form
EN 755-4	Square bars, tolerances on dimension & form
EN 755-5	Rectangular bars, tolerances on dimension & form
EN 755-6	Hexagonal bars, tolerances on dimension & form
EN 755-7	Seamless tubes, tolerances on dimension & form
EN 755-9	Profiles, tolerances on dimension & form

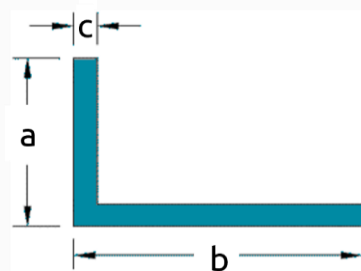




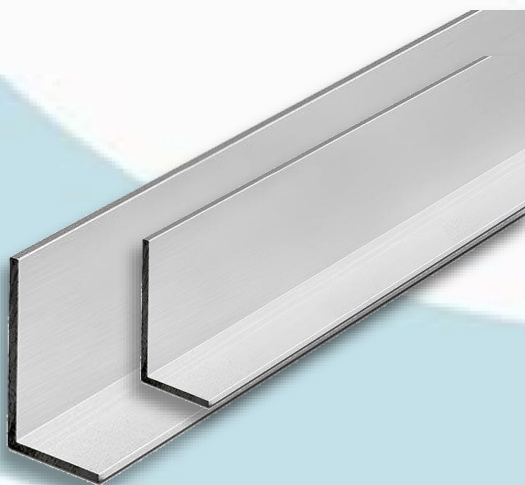
a (mm)	c (mm)	Theoretical * Weight (gr/m)
20,0	1,2	126,0
25,0	1,2	159,0
30,0	1,2	191,0
30,0	2,8	462,0
40,0	1,2	256,0
40,0	2,8	584,0
40,0	4,0	821,0
50,0	1,2	322,0

## L Profiles Symmetrical

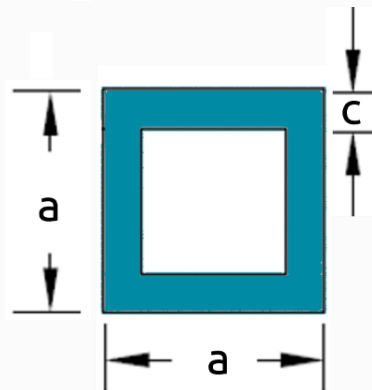




a (mm)	b (mm)	c (mm)	Theoretical* Weight (gr/m)
20,0	30,0	1,2	158,0
20,0	40,0	1,2	190,0
20,0	80,0	1,2	320,0
20,0	100,0	1,2	385,0
25,0	50,0	1,3	259,0
25,0	60,0	1,3	294,0



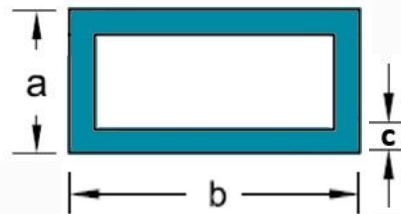
## L Profiles asymmetrical



a (mm)	c (mm)	Theoretical * Weight (gr/m)
15,0	1,5	218,0
20,0	1,2	244,0
40,0	1,3	543,0
50,0	1,3	634,0

## Square Tubes

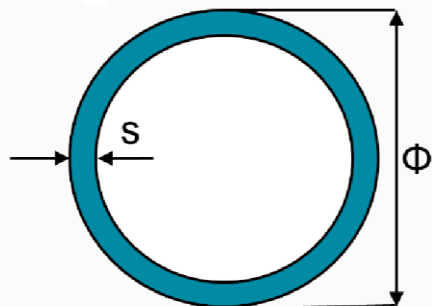




a (mm)	b (mm)	c (mm)	Theoretical* Weight (gr/m)
10,0	20,0	1,5	220,0
15,0	30,0	1,2	277,0
15,0	30,0	1,5	346,0
20,0	30,0	1,2	308,0
20,0	40,0	1,2	374,0
20,0	50,0	1,2	438,0
20,0	60,0	1,3	545,0
20,0	80,0	1,2	633,0
20,0	100,0	1,4	886,0
40,0	80,0	1,2	762,0

## Rectangular Tubes



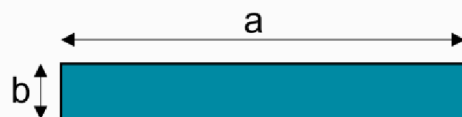


$\Phi$ (mm)	s (mm)	Theoretical* Weight (gr/m)
25,0	1,5	282,0
32,0	2,0	500,0
42,0	2,0	670,0
50,0	2,3	930,0
60,0	1,2	600,0
70,0	1,2	702,0
95,0	2,5	1.961,0

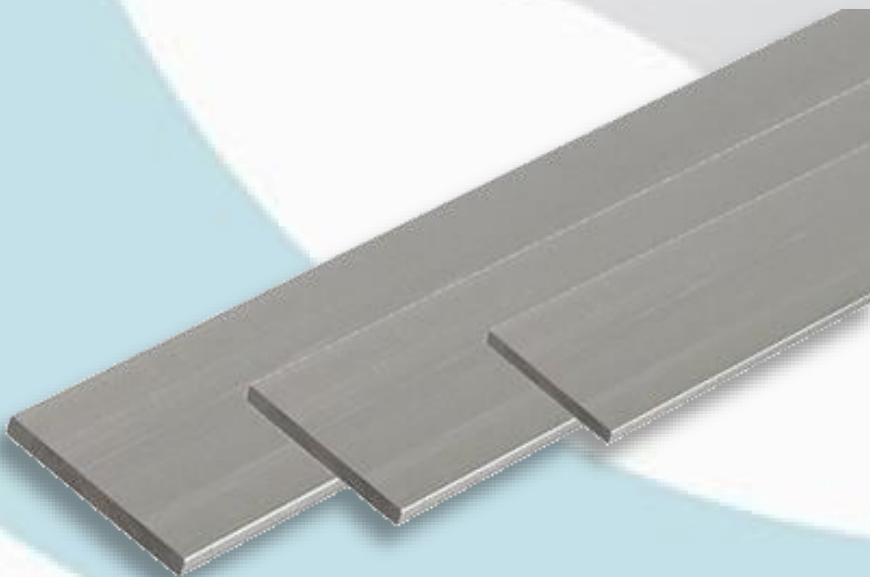
## Round Tubes



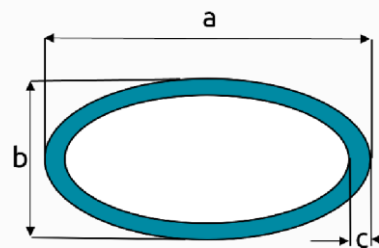




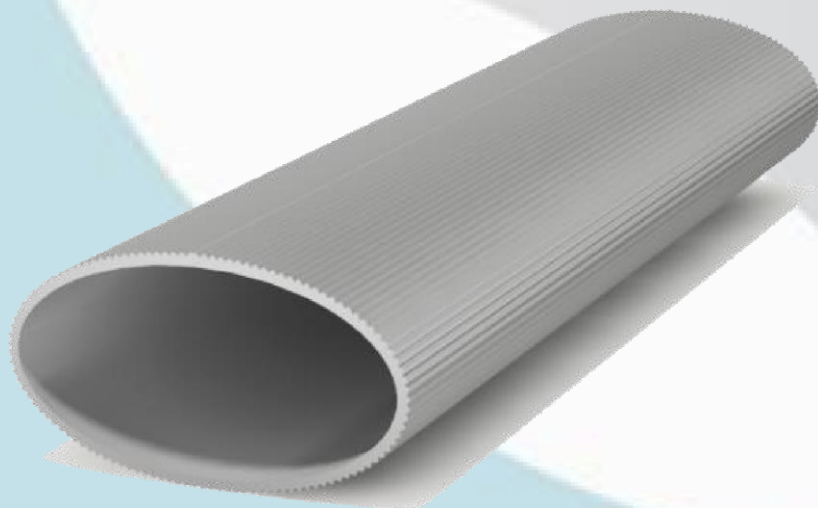
a (mm)	b (mm)	Theoretical* Weight (gr/m)
40,0	3,0	324,0
54,0	6,0	875,0
80,0	6,0	1.296,0



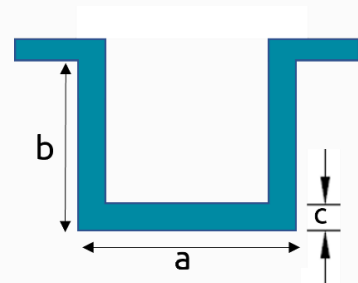
## Flat Bars



a (mm)	b(mm)	c(mm)	Theoretical* Weight (gr/m)
40,0	8,0	1,05	226,0
42,0	22,0	1,50	422,0
50,0	10,0	1,10	322,0

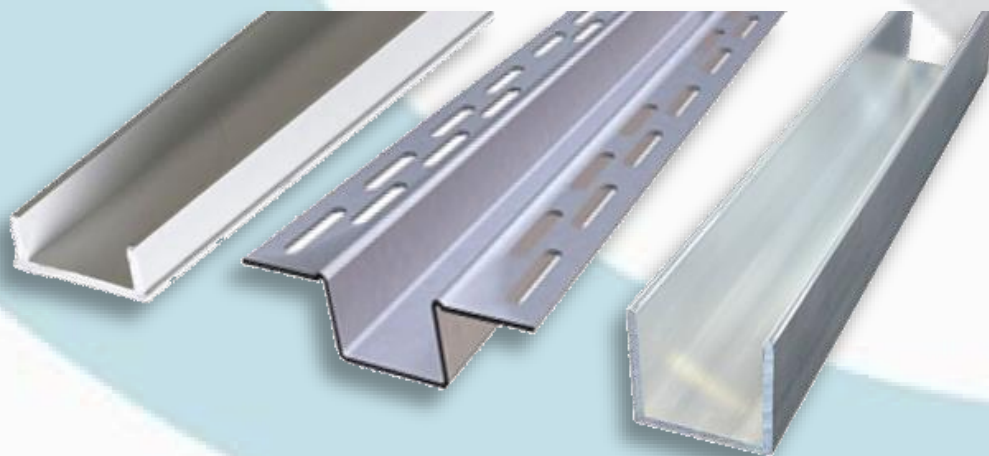




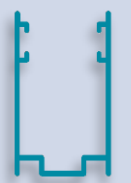

## Oval Tubes



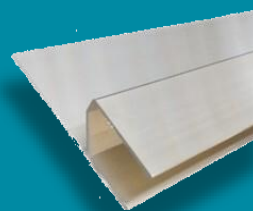
a (mm)	b (mm)	c (mm)	Theoretical* Weight (gr/m)
23,0	15,0	0,8	111,0
34,8	15,0	0,8	137,0
36,0	10,0	0,9	132,0
77,0	22,0	1,6	509,0
120,0	45,0	1,5	841,0

## Reveal Beads

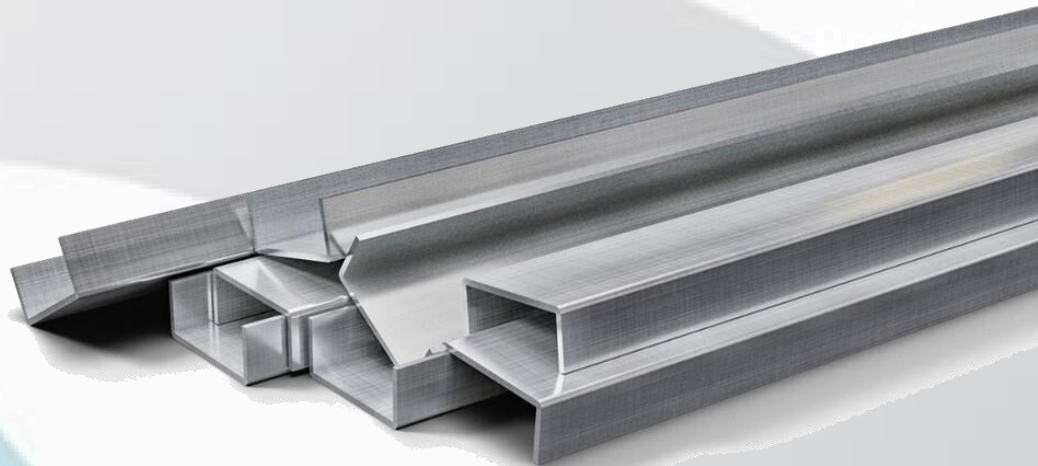


Code	Profile Cross Section	Theoretical* Weight (gr/m)
AT 166		336,0
AT 1091		700,0
AT 1970		291,5
AT 23057		900,0

### Special Profiles (AT)



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Special



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