

METIGLA

smart covering. simply passion.



INDUSTRIAL

GALVANIZED PROFILES

Metigla has an extensive Belgian experience in the production of metallic cladding products, since 1984, and has been present in Romania since 2000.

The Industrial Division includes **galvanized profiles**, used mainly for the secondary structures, beams and intermediate floors of all types of buildings: industrial or residential, commercial, agricultural, halls or warehouses.

All galvanized profiles are custom-made, with the possibility of a variety of perforations.



Benefits



High load-bearing capacity

Metigla's galvanized profiles have a high load capacity.



Lightweight

The light weight of the profiles facilitates transport and handling on site.



Perforation

All galvanized profiles are produced on a custom basis, with the possibility of a varied number of perforations.

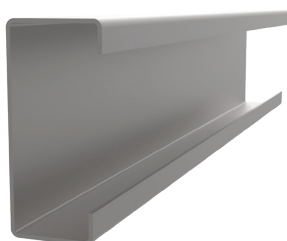


Modular structure

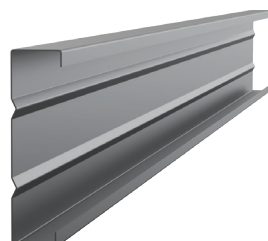
Galvanized profiles based structures can be disassembled, modified and very easily relocated.

GALVANIZED PROFILES TYPES

C PROFILE



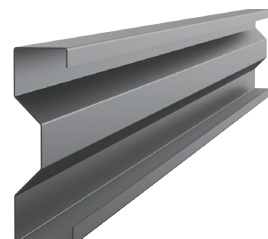
CR PROFILE



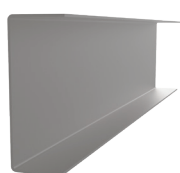
Z PROFILE



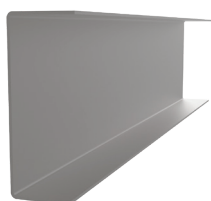
SIGMA (Σ) PROFILE



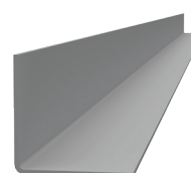
Ci PROFILE



U PROFILE



L PROFILE

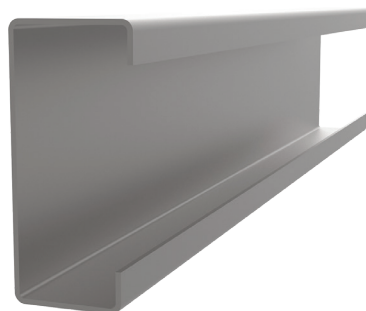


C PROFILES

ZINC
275g/m²

C Profiles Technical Characteristics

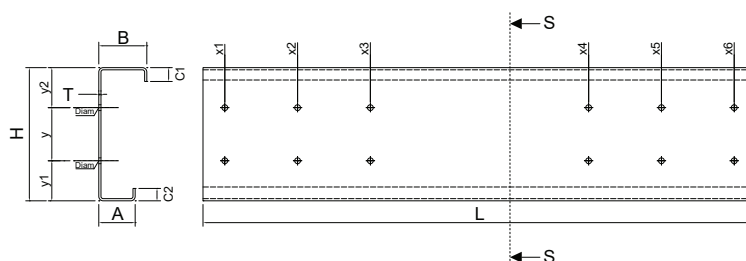
Material	Galvanized steel
Available thickness (mm)	1.5 - 3
Steel class	S 350 GD
Weight (kg/m ²)	12 - 24
Minimum zinc coverage (g/m ²)	275
Minimum length* (mm)	2000
Maximum recommended length (mm)	13500



*Profiles with lenghts below 2000 mm should be included in other orders, then cut to length.

C Profiles* allowed sectional quotas

H	A-B	C	T
100 ÷ 109	40 ÷ 49	15 ÷ 20	1.5 - 3
100 ÷ 109	50 ÷ 59	15 ÷ 25	1.5 - 3
100 ÷ 109	60 ÷ 70	15 ÷ 35	1.5 - 3
100 ÷ 109	71 ÷ 80	15 ÷ 30	1.5 - 3
110 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
110 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
110 ÷ 450	60 ÷ 80	15 ÷ 35	1.5 - 3



* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

Standard C Profiles

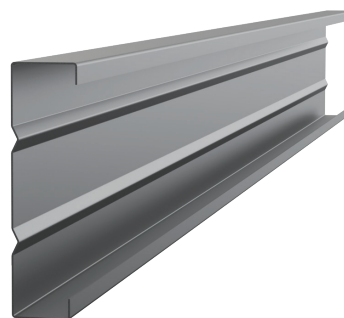
Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)	Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)
C 100/41x46	C 100 profile	1.5	100	41	46	15	2.472	C 200/50x55	C 200 profile	1.5	200	50	55	17	3.936
C 100/41x46		2	100	41	46	15	3.248	C 200/50x55		2	200	50	55	17	5.200
C 100/41x48		2.5	100	41	48	15	4.020	C 200/50x57		2.5	200	50	57	17	6.460
C 100/41x48		3	100	41	48	15	4.752	C 200/50x57		3	200	50	57	17	7.680
C 120/41x46	C 120 profile	1.5	120	41	46	15	2.712	C 250/60x68	C 250 profile	1.5	250	60	68	20	4.884
C 120/41x46		2	120	41	46	15	3.568	C 250/60x68		2	250	60	68	20	6.464
C 120/41x48		2.5	120	41	48	15	4.420	C 250/60x68		2.5	250	60	68	20	8.000
C 120/41x48		3	120	41	48	15	5.232	C 250/60x68		3	250	60	68	20	9.528
C 150/41x46	C 150 profile	1.5	150	41	46	15	3.072	C 300/65x72	C 300 profile	1.5	300	65	72	20	5.592
C 150/41x46		2	150	41	46	15	4.048	C 300/65x72		2	300	65	72	20	7.408
C 150/41x48		2.5	150	41	48	15	5.020	C 300/65x72		2.5	300	65	72	20	9.180
C 150/41x48		3	150	41	48	15	5.952	C 300/65x72		3	300	65	72	20	10.944
C 180/50x55	C 180 profile	1.5	180	50	55	17	3.696	C 400/70x78	C 400 profile	2	400	70	78	25	9.344
C 180/50x55		2	180	50	55	17	4.880	C 400/70x78		2.5	400	70	78	25	11.600
C 180/50x57		2.5	180	50	57	17	6.060	C 400/70x78		3	400	70	78	25	13.848
C 180/50x57		3	180	50	57	17	7.200								

CR PROFILES



CR Profiles Technical Characteristics

Material	Galvanized steel
Available thickness (mm)	1.5 - 3
Steel class	S 350 GD
Weight (kg/m ²)	12 - 24
Minimum zinc coverage (g/m ²)	275
Minimum length* (mm)	2000
Maximum recommended length (mm)	13500

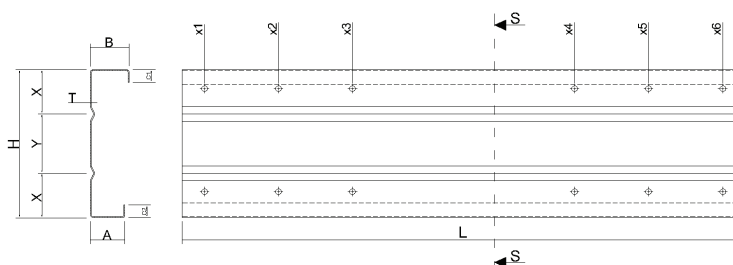


*Profiles with lengths below 2000 mm should be included in other orders, then cut to length.

CR Profiles* allowed sectional quotas

H	A-B	C	T
200 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
200 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
200 ÷ 450	60 ÷ 70	15 ÷ 35	1.5 - 3
200 ÷ 450	71 ÷ 80	15 ÷ 30	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.



Standard CR Profiles

Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)	Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)
CR 200/47x53	CR 200 profile	1.5	200	47	53	17	3.936	CR 300/62x70	CR 300 profile	1.5	300	62	70	25	5.712
CR 200/47x53		2	200	47	53	17	5.200	CR 300/62x70		2	300	62	70	25	7.568
CR 200/47x55		2.5	200	47	55	17	6.460	CR 300/62x70		2.5	300	62	70	25	9.380
CR 200/47x55		3	200	47	55	17	7.680	CR 300/62x70		3	300	62	70	25	11.184
CR 250/57x66	CR 250 profile	1.5	250	57	66	20	4.884	CR 400/67x76	CR 400 profile	2	400	67	76	25	9.344
CR 250/57x66		2	250	57	66	20	6.464	CR 400/67x76		2.5	400	67	76	25	11.600
CR 250/57x66		2.5	250	57	66	20	8.000	CR 400/67x76		3	400	67	76	25	13.848
CR 250/57x66		3	250	57	66	20	9.528								

Z PROFILES

ZINC
275 g/m²

Z Profiles Technical Characteristics

Material	Galvanized steel
Available thickness (mm)	1.5 - 3
Steel class	S 350 GD
Weight (kg/m ²)	12 - 24
Minimum zinc coverage (g/m ²)	275
Minimum length* (mm)	2000
Maximum recommended length (mm)	13500

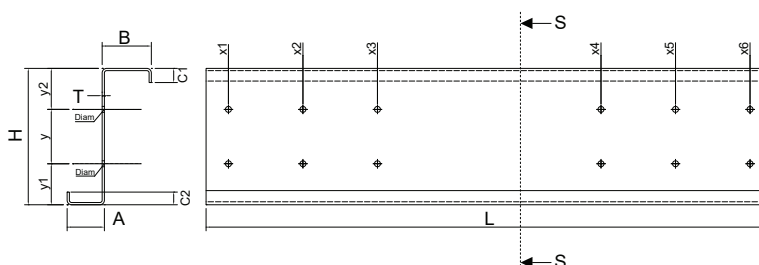


*Profiles with lengths below 2000 mm should be included in other orders, then cut to length.

Z Profiles* allowed sectional quotas

H	A-B	C	T
110 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
110 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
110 ÷ 450	60 ÷ 70	15 ÷ 35	1.5 - 3
100 ÷ 109	71 ÷ 77	15 ÷ 30	1.5 - 3
110 ÷ 450	71 ÷ 77	15 ÷ 35	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.



Standard Z Profiles

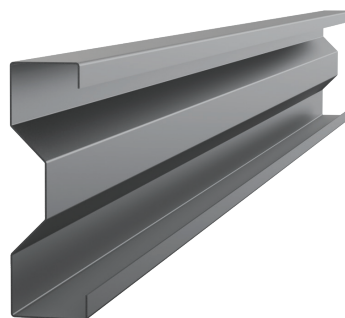
Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)	Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)
Z 100/41x46	Z 100 profile	1.5	100	41	46	15	2.472	Z 200/50x55	Z 200 profile	1.5	200	50	55	17	3.936
Z 100/41x46		2	100	41	46	15	3.248	Z 200/50x55		2	200	50	55	17	5.200
Z 100/41x48		2.5	100	41	48	15	4.020	Z 200/50x57		2.5	200	50	57	17	6.460
Z 100/41x48		3	100	41	48	15	4.752	Z 200/50x57		3	200	50	57	17	7.680
Z 120/41x46	Z 120 profile	1.5	120	41	46	15	2.712	Z 250/60x68	Z 250 profile	1.5	250	60	68	20	4.884
Z 120/41x46		2	120	41	46	15	3.568	Z 250/60x68		2	250	60	68	20	6.464
Z 120/41x48		2.5	120	41	48	15	4.420	Z 250/60x68		2.5	250	60	68	20	8.000
Z 120/41x48		3	120	41	48	15	5.232	Z 250/60x68		3	250	60	68	20	9.528
Z 150/41x46	Z 150 profile	1.5	150	41	46	15	3.072	Z 300/65x72	Z 300 profile	1.5	300	65	72	20	5.592
Z 150/41x46		2	150	41	46	15	4.048	Z 300/65x72		2	300	65	72	20	7.408
Z 150/41x48		2.5	150	41	48	15	5.020	Z 300/65x72		2.5	300	65	72	20	9.180
Z 150/41x48		3	150	41	48	15	5.952	Z 300/65x72		3	300	65	72	20	10.944
Z 180/50x55	Z 180 profile	1.5	180	50	55	17	3.696	Z 400/70x78	Z 400 profile	2	400	70	78	25	9.344
Z 180/50x55		2	180	50	55	17	4.880	Z 400/70x78		2.5	400	70	78	25	11.600
Z 180/50x57		2.5	180	50	57	17	6.060	Z 400/70x78		3	400	70	78	25	13.848
Z 180/50x57		3	180	50	57	17	7.200								

SIGMA (Σ) PROFILES



SIGMA (Σ) Profiles Technical Characteristics

Material	Galvanized steel
Available thickness (mm)	1.5 - 3
Steel class	S 350 GD
Weight (kg/m ²)	12 - 24
Minimum zinc coverage (g/m ²)	275
Minimum length* (mm)	2000
Maximum recommended length (mm)	13500

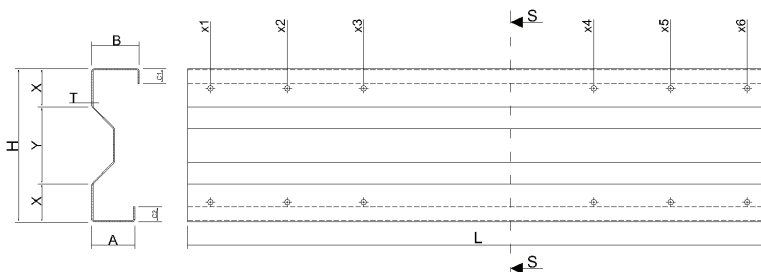


*Profiles with lengths below 2000 mm should be included in other orders, then cut to length.

Sigma (Σ) Profiles* allowed sectional quotas

H	A-B	C	T
200 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
200 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
200 ÷ 450	60 ÷ 70	15 ÷ 35	1.5 - 3
200 ÷ 450	71 ÷ 80	15 ÷ 30	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.



Standard SIGMA (Σ) Profiles

Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)	Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Rebord	Load (kg/ml)
Sigma 200/56x62	Sigma (Σ) 200 profile	1.5	200	56	62	20	4.464	Sigma 350/67x75	Sigma (Σ) 350 profile	1.5	350	67	75	30	6.792
Sigma 200/57x63		2	200	57	63	20	5.936	Sigma 350/67x75		2	350	67	75	30	9.008
Sigma 200/57x65		2.5	200	57	65	20	7.380	Sigma 350/67x75		2.5	350	67	75	30	11.180
Sigma 200/58x66		3	200	58	66	20	8.832	Sigma 350/67x75		3	350	67	75	30	13.344
Sigma 250/56x62	Sigma (Σ) 250 profile	1.5	250	56	62	20	5.064	Sigma 400/72x80	Sigma (Σ) 400 profile	2	400	72	80	35	10.128
Sigma 250/57x63		2	250	57	63	20	6.736	Sigma 400/72x80		2.5	400	72	80	35	12.580
Sigma 250/57x65		2.5	250	57	65	20	8.380	Sigma 400/72x80		3	400	72	80	35	15.024
Sigma 250/58x66		3	250	58	66	20	10.032	Sigma 450/72x80	Sigma (Σ) 450 profile	2	450	72	80	35	10.928
Sigma 300/62x70	Sigma (Σ) 300 profile	1.5	300	62	70	25	5.952	Sigma 450/72x80		2.5	450	72	80	35	13.580
Sigma 300/62x70		2	300	62	70	25	7.888	Sigma 450/72x80		3	450	72	80	35	16.224
Sigma 300/62x70		2.5	300	62	70	25	9.780								
Sigma 300/62x70		3	300	62	70	25	11.664								

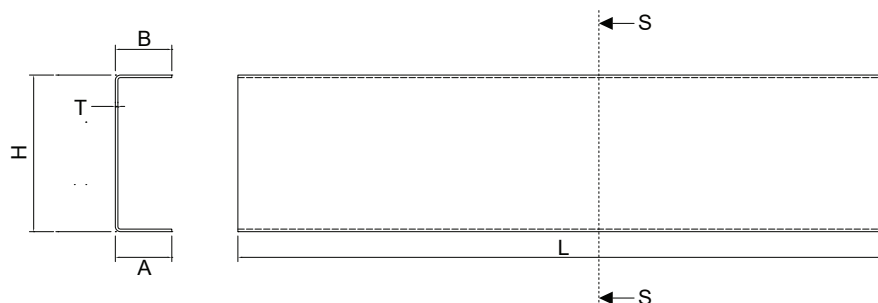
Ci PROFILES

ZINC
275 g/m²

Ci Profiles Technical Characteristics

Material	Galvanized steel
Available thickness (mm)	1.5 - 3
Steel class	S 350 GD
Weight (kg/m ²)	12 - 24
Minimum zinc coverage (g/m ²)	275
Minimum length* (mm)	2000
Maximum recommended length (mm)	13500

*Profiles with lengths below 2000 mm should be included in other orders, then cut to length.



Standard Ci Profiles

Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Load (kg/ml)	Product name	Code	Thickness T (mm)	Height H (mm)	Small side (mm)	Big side (mm)	Load (kg/ml)
Ci 92	Ci 100 profile	1.5	92	33	38	1.884	Ci 192	Ci 200 profile	1.5	192	42	47	3.300
Ci 91		2	91	32	37	2.448	Ci 191		2	191	41	46	4.336
Ci 90		2.5	90	31	38	3.000	Ci 190		2.5	190	40	47	5.360
Ci 89		3	89	30	37	3.504	Ci 189		3	189	39	46	6.336
Ci 112	Ci 120 profile	1.5	112	33	38	2.124	Ci 242	Ci 250 profile	1.5	242	52	60	4.176
Ci 111		2	111	32	37	2.768	Ci 241		2	241	51	59	5.504
Ci 110		2.5	110	31	38	3.400	Ci 240		2.5	240	50	58	6.780
Ci 109		3	109	30	37	3.984	Ci 239		3	239	39	46	8.040
Ci 142	Ci 150 profile	1.5	142	33	38	2.484	Ci 292	Ci 300 profile	1.5	292	57	64	4.884
Ci 141		2	141	32	37	3.248	Ci 291		2	291	56	63	6.448
Ci 140		2.5	140	31	38	4.000	Ci 290		2.5	290	55	62	7.960
Ci 139		3	139	30	37	4.704	Ci 289		3	289	54	61	9.456
Ci 172	Ci 180 profile	1.5	172	42	47	3.060	Ci 391	Ci 400 profile	2	391	61	69	8.224
Ci 171		2	171	41	46	4.016	Ci 390		2.5	390	60	68	10.180
Ci 170		2.5	170	40	47	4.960	Ci 389		3	389	59	67	12.120
Ci 169		3	169	39	46	5.856							

U PROFILES

ZINC
275 g/m²

U Profiles Technical Characteristics

Material	Galvanized steel
Available thickness (mm)	1.5 - 3
Steel class	S 350 GD
Weight (kg/m ²)	12 - 24
Minimum zinc coverage (g/m ²)	275
Minimum length* (mm)	2000
Maximum recommended length (mm)	13500

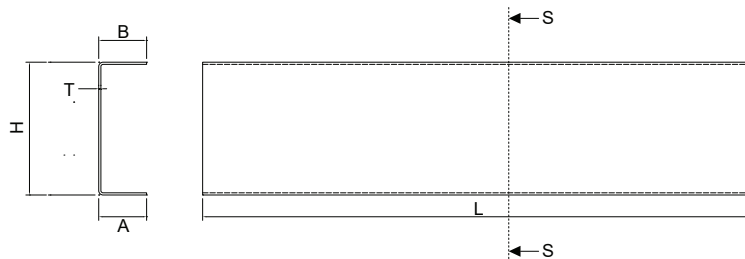
*Profiles with lengths below 2000 mm should be included in other orders, then cut to length.



U Profiles* allowed sectional quotas

H	A-B	T
100 ÷ 450	40 ÷ 80	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

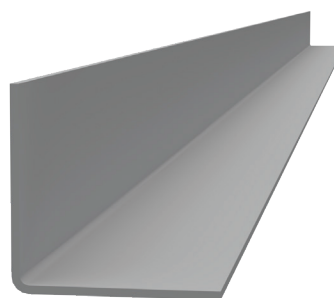


L PROFILES

L Profiles Technical Characteristics

Material	Galvanized steel
Available thickness (mm)	1.5 - 3
Steel class	S 350 GD
Weight (kg/m ²)	12 - 24
Minimum zinc coverage (g/m ²)	275
Minimum length* (mm)	2000
Maximum recommended length (mm)	13500

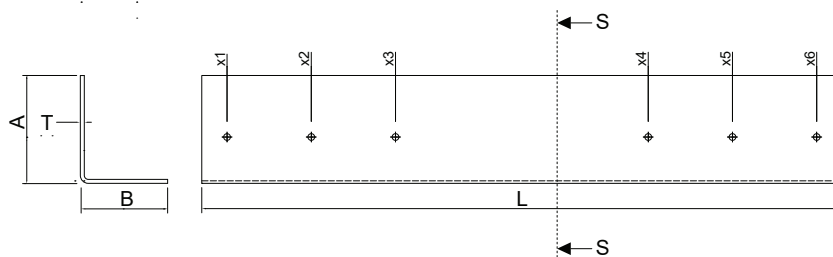
*Profiles with lengths below 2000 mm should be included in other orders, then cut to length.



L Profiles* allowed sectional quotas

A-B	T
50 ÷ 80	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.



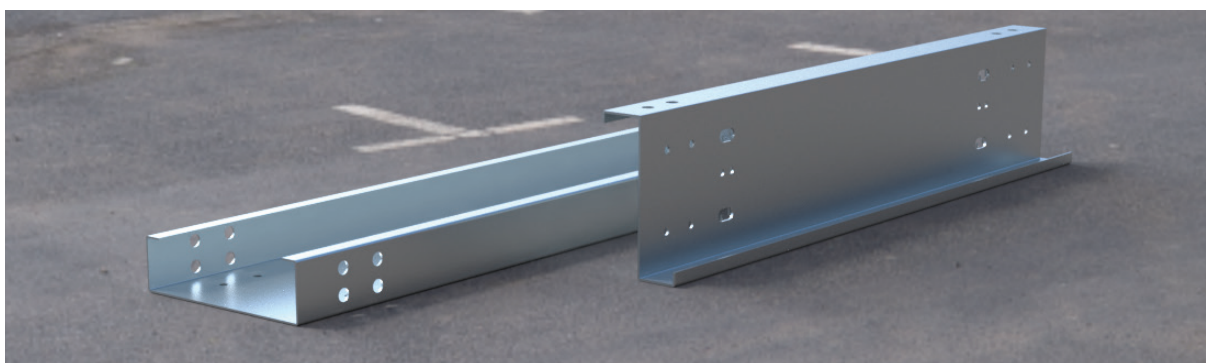
Drilling schemes

ZINC
275 g/m²

All galvanized profiles are produced on a **custom** basis, with the possibility of a **variety of perforations**.

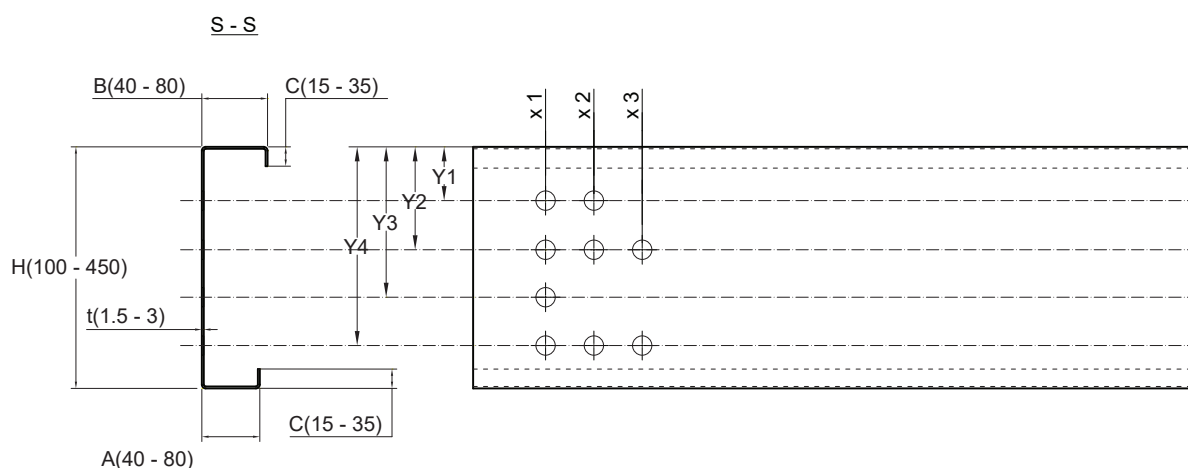
Drilling can be performed on all sides, as well as on the profile soles. Metigla's galvanized profiles are drilled directly on the production line, based on a **drilling scheme** validated at the launch of the order.

Perforation type		Available diameter (mm)									
Round		7	10	11	13	14	15.5	16	18	19.5	-
Oval		12x18	14x18	8x24	14x28	16x32	18x40	-	-	-	-



Galvanized profiles drilling scheme

For drilling on more than four axis, please contact us in advance, to confirm the drilling plan.





Possible quotas

C Profiles* allowed sectional quotas			
H	A-B	C	T
100 ÷ 109	40 ÷ 49	15 ÷ 20	1.5 - 3
100 ÷ 109	50 ÷ 59	15 ÷ 25	1.5 - 3
100 ÷ 109	60 ÷ 70	15 ÷ 35	1.5 - 3
100 ÷ 109	71 ÷ 80	15 ÷ 30	1.5 - 3
110 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
110 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
110 ÷ 450	60 ÷ 80	15 ÷ 35	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

CR Profiles* allowed sectional quotas			
H	A-B	C	T
200 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
200 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
200 ÷ 450	60 ÷ 70	15 ÷ 35	1.5 - 3
200 ÷ 450	71 ÷ 80	15 ÷ 30	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

U Profiles* allowed sectional quotas		
H	A-B	T
100 ÷ 450	40 ÷ 80	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

Z Profiles* allowed sectional quotas			
H	A-B	C	T
110 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
110 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
110 ÷ 450	60 ÷ 70	15 ÷ 35	1.5 - 3
100 ÷ 109	71 ÷ 77	15 ÷ 30	1.5 - 3
110 ÷ 450	71 ÷ 77	15 ÷ 35	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

Sigma (Σ) Profiles* allowed sectional quotas			
H	A-B	C	T
200 ÷ 450	40 ÷ 49	15 ÷ 20	1.5 - 3
200 ÷ 450	50 ÷ 59	15 ÷ 25	1.5 - 3
200 ÷ 450	60 ÷ 70	15 ÷ 35	1.5 - 3
200 ÷ 450	71 ÷ 80	15 ÷ 30	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

L Profiles* allowed sectional quotas	
A-B	T
50 ÷ 80	1.5 - 3

* Upon request, we can produce profiles with sides equal to or different from Metigla's standard, within the quotas in the table.

Certifications



Metigla produces cold-formed galvanized profiles, in an **ICECON CERT** certified factory production system.

Metigla has implemented and certified an **Integrated Management System Quality-Environment-Health and Safety at Work**, by the requirements of **EN ISO 9001:2015**, **EN ISO 14001:2015**, and **EN ISO 45001:2018**.



smart covering.
simply passion.

METIGLA
smart covering. simply passion.



INDUSTRIAL



RESIDENTIAL



RAINWATER



FACADES

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As a result of Metigla's policy of development and improvement, we reserve the right to make changes to the specifications in this brochure.

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