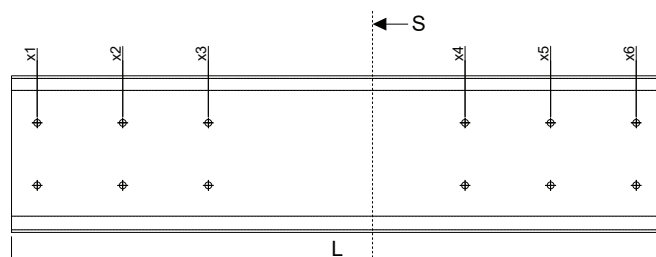
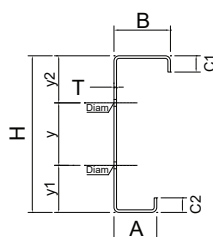
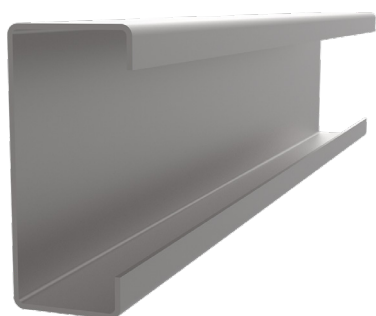




Galvanized C profiles are used for main or secondary structures, beams and intermediate floors of all types of buildings: industrial or residential, commercial, agricultural, halls or warehouses. All galvanized profiles are custom-made, with the possibility of a variety of perforations.



The values in sections are expressed in mm

C profiles - technical characteristics

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

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

- High load-bearing capacity
- Lightweight
- Extended lifespan
- Easy fitting
- Sustainable

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 100x41x46x15/1.5	1.5	100	41	46	15	15	2.472
C 100x41x46x15/2	2	100	41	46	15	15	3.248
C 100x41x48x15/2.5	2.5	100	41	48	15	15	4.020
C 100x41x48x15/3	3	100	41	48	15	15	4.752

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _t (mm ⁴)	i _z (mm)	i _y (mm)
C 100x41x46x15/1.5	298.70	51.18	48.78	464500	80810	9074	2575	212	39.44	16.45
C 100x41x46x15/2	396.20	51.19	48.77	608200	104100	11880	3319	507	39.18	16.21
C 100x41x48x15/2.5	496.20	51.67	48.29	755300	133800	14620	4059	1001	39.02	16.42
C 100x41x48x15/3	589.90	51.68	48.28	886100	154500	17150	4686	1723	38.76	16.18

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 100x41x46x15/1.5	229.10	51.06	48.90	464400	73650	9074	2482	39.43	16.44
C 100x41x46x15/2	344.10	51.05	48.91	608200	103500	11880	3309	39.18	16.21
C 100x41x48x15/2.5	468.00	51.62	48.34	755500	133600	14620	4055	39.02	16.41
C 100x41x48x15/3	587.40	51.69	48.27	886400	154300	17150	4682	38.77	16.17

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 120x41x46x15/1.5	1.50	120	41	46	15	15	2.712
C 120x41x46x15/2	2.00	120	41	46	15	15	3.568
C 120x41x48x15/2.5	2.50	120	41	48	15	15	4.420
C 120x41x48x15/3	3.00	120	41	48	15	15	5.232

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _t (mm ⁴)	i _z (mm)	i _y (mm)
C 120x41x46x15/1.5	327.90	61.30	58.66	712700	85840	11630	2632	233	46.62	16.18
C 120x41x46x15/2	435.40	61.31	58.65	935400	110600	15260	3393	558	46.35	15.94
C 120x41x48x15/2.5	545.40	61.83	58.13	1164000	142000	18820	4152	1100	46.20	16.14
C 120x41x48x15/3	649.10	61.85	58.11	1369000	164000	22130	4797	1896	45.92	15.90

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 120x41x46x15/1.5	229.50	61.25	58.71	706000	75250	11560	2504	46.56	16.16
C 120x41x46x15/2	348.00	61.23	58.73	935200	107000	15250	3350	46.35	15.94
C 120x41x48x15/2.5	479.40	61.73	58.23	1163000	142100	18820	4155	46.19	16.14
C 120x41x48x15/3	610.40	61.96	58.00	1369000	164100	22130	4800	45.92	15.90

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 150x41x46x15/1.5	1.50	150	41	46	15	15	3.072
C 150x41x46x15/2	2.00	150	41	46	15	15	4.048
C 150x41x48x15/2.5	2.50	150	41	48	15	15	5.020
C 150x41x48x15/3	3.00	150	41	48	15	15	5.952

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _t (mm ⁴)	i _z (mm)	i _y (mm)
C 150x41x46x15/1.5	371.70	76.44	73.52	1209000	91970	15820	2697	264	57.04	15.73
C 150x41x46x15/2	494.20	76.46	73.50	1591000	118500	20810	3478	633	56.74	15.49
C 150x41x48x15/2.5	619.20	77.03	72.93	1983000	152100	25740	4261	1249	56.58	15.67
C 150x41x48x15/3	737.90	77.04	72.92	2339000	175700	30360	4925	2155	56.30	15.43

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 150x41x46x15/1.5	229.10	76.52	73.44	1183000	76860	15370	2524	56.82	15.63
C 150x41x46x15/2	350.90	76.50	73.46	1591000	110400	20810	3391	56.74	15.49
C 150x41x48x15/2.5	488.80	77.01	72.95	1983000	151000	25740	4254	56.59	15.68
C 150x41x48x15/3	631.60	77.24	72.72	2339000	175900	30360	4932	56.30	15.44

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 180x50x55x17/1.5	1.50	180	50	55	55	17	3.696
C 180x50x55x17/2	2.00	180	50	55	55	17	4.880
C 180x50x57x17/2.5	2.50	180	50	57	57	17	6.060
C 180x50x57x17/3	3.00	180	50	57	57	17	7.200

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _t (mm ⁴)	i _z (mm)	i _y (mm)
C 180x50x55x17/1.5	447.60	91.44	88.52	2114000	161100	23120	3944	318	68.73	18.97
C 180x50x55x17/2	596.10	91.45	88.51	2792000	209100	30530	5121	763	68.44	18.73
C 180x50x57x17/2.5	747.10	92.03	87.93	3483000	266900	37850	6287	1507	68.28	18.90
C 180x50x57x17/3	891.80	92.04	87.92	4122000	310400	44790	7316	2604	67.99	18.66

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 180x50x55x17/1.5	247.10	90.79	89.17	1937000	124900	20280	3588	68.95	18.60
C 180x50x55x17/2	384.20	91.50	88.46	2742000	182900	30050	4880	68.22	18.69
C 180x50x57x17/2.5	536.90	92.03	87.93	3484000	253000	37850	6169	68.29	18.91
C 180x50x57x17/3	699.90	92.00	87.96	4123000	308400	44790	7305	67.99	18.67

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 200x50x55x17/1.5	1.50	200	50	55	17	17	3.936
C 200x50x55x17/2	2.00	200	50	55	17	17	5.200
C 200x50x57x17/2.5	2.50	200	50	57	17	17	6.460
C 200x50x57x17/3	3.00	200	50	57	17	17	7.680

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _t (mm ⁴)	i _z (mm)	i _y (mm)
C 200x50x55x17/1.5	476.80	101.50	98.46	2719000	165900	26790	3981	339	75.51	18.65
C 200x50x55x17/2	635.30	101.50	98.45	3593000	215300	35400	5171	814	75.21	18.41
C 200x50x57x17/2.5	796.30	102.10	97.85	4487000	275200	43940	6361	1606	75.06	18.59
C 200x50x57x17/3	951.00	102.10	97.83	5315000	320200	52040	7407	2777	74.76	18.35

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 200x50x55x17/1.5	245.90	100.90	99.11	2428000	125700	22420	3598	76.23	18.19
C 200x50x55x17/2	383.90	101.60	98.32	3513000	184700	34360	4898	74.89	18.32
C 200x50x57x17/2.5	538.50	102.20	97.73	4466000	256300	43850	6199	75.00	18.60
C 200x50x57x17/3	704.40	102.20	97.78	5313000	313600	52030	7350	74.75	18.35

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 250x60x68x20/1.5	1.50	250	60	68	20	20	4.884
C 250x60x68x20/2	2.00	250	60	68	20	20	6.464
C 250x60x68x20/2.5	2.50	250	60	68	20	20	8.000
C 250x60x68x20/3	3.00	250	60	68	20	20	9.528

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _t (mm ⁴)	i _z (mm)	i _y (mm)
C 250x60x68x20/1.5	592.10	127.40	122.50	5274000	306600	41390	5882	421	94.38	22.75
C 250x60x68x20/2	790.10	127.40	122.50	6993000	400500	54870	7688	1012	94.08	22.51
C 250x60x68x20/2.5	985.70	127.50	122.50	8667000	489000	68000	9393	1988	93.77	22.27
C 250x60x68x20/3	1,179.00	127.50	122.50	10290000	572200	80760	11000	3443	93.44	22.03

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 250x60x68x20/1.5	257.30	125.20	124.70	4242000	213200	29650	4903	95.63	21.46
C 250x60x68x20/2	420.60	127.30	122.60	6384000	317400	47330	7057	94.65	22.02
C 250x60x68x20/2.5	591.10	127.70	122.30	8458000	424900	65880	8930	93.34	22.13
C 250x60x68x20/3	776.30	127.60	122.30	10210000	530200	80480	10710	93.32	22.04

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 300x65x72x20/1.5	1.50	300	65	72	20	20	5.592
C 300x65x72x20/2	2.00	300	65	72	20	20	7.408
C 300x65x72x20/2.5	2.50	300	65	72	20	20	9.180
C 300x65x72x20/3	3.00	300	65	72	20	20	10.944

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _y (mm ⁴)	i _z (mm)	i _y (mm)
C 300x65x72x20/1.5	678.30	152.20	147.70	8477000	378800	55680	6710	482	111.80	23.63
C 300x65x72x20/2	905.80	152.20	147.70	11250000	495700	73930	8787	1160	111.50	23.39
C 300x65x72x20/2.5	1,131.00	152.20	147.70	13970000	606000	91760	10750	2281	111.10	23.15
C 300x65x72x20/3	1,354.00	152.30	147.70	16620000	710100	109200	12610	3953	110.80	22.90

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 300x65x72x20/1.5	253.00	149.90	150.00	6339000	249500	35260	4996	113.80	21.38
C 300x65x72x20/2	422.20	151.40	148.60	9659000	373200	57800	7709	113.20	22.37
C 300x65x72x20/2.5	600.20	152.50	147.50	12920000	502700	80450	10040	111.60	22.71
C 300x65x72x20/3	792.60	152.50	147.50	16220000	631800	105800	12080	110.30	22.76

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
C 400x70x78x25/2	2.00	400	70	78	25	25	9.344
C 400x70x78x25/2.5	2.50	400	70	78	25	25	11.600
C 400x70x78x25/3	3.00	400	70	78	25	25	13.848

Minimum geometrical characteristics of the raw section

Product name	A (m ²)	Z _{g,1} (mm)	Z _{g,2} (mm)	I _y (mm ⁴)	I _z (mm ⁴)	W _y (mm ³)	W _z (mm ³)	I _y (mm ⁴)	i _z (mm)	i _y (mm)
C 400x70x78x25/2	296.60	91.43	88.53	1413000	109600	15460	2680	91	69.02	19.22
C 400x70x78x25/2.5	447.60	91.44	88.52	2114000	161100	23120	3944	318	68.73	18.97
C 400x70x78x25/3	596.10	91.45	88.51	2792000	209100	30530	5121	763	68.44	18.73

Minimum geometric features of the effective cross section

Product name	A _{eff} (mm ²)	Z _{g,1,eff} (mm)	Z _{g,2,eff} (mm)	I _{y,eff,min} (mm ⁴)	I _{z,eff,min} (mm ⁴)	W _{y,eff,min} (mm ³)	W _{z,eff,min} (mm ³)	i _{z,min} (mm)	i _{y,min} (mm)
C 400x70x78x25/2	447.50	201.50	198.40	19280000	484300	82460	9584	150.20	23.48
C 400x70x78x25/2.5	644.50	203.50	196.50	26090000	660100	115400	12630	148.80	24.04
C 400x70x78x25/3	852.80	203.50	196.40	32810000	840500	150800	15290	146.90	24.14