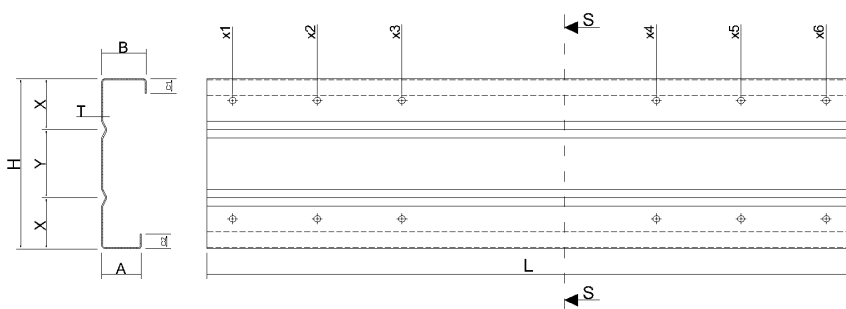
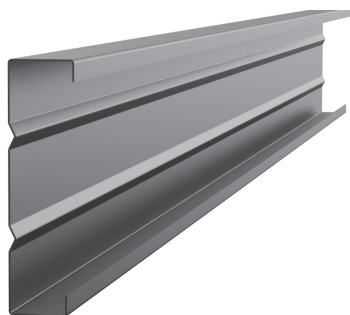




Galvanized CR profiles are used for main or secondary structures, beams and intermediate floors of all types of buildings: industrial or residential, commercial, agricultural, halls or warehouses. All galvanized profiles are custom-made, with the possibility of a variety of perforations.



The values in sections are expressed in mm

CR 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)
CR 200x47x53/1.5	1.5	200	47	53	17	17	3.936
CR 200x47x53/2	2	200	47	53	17	17	5.200
CR 200x47x55/2.5	2.5	200	47	55	17	17	6.460
CR 200x47x55/3	3	200	47	55	17	17	7.680

Minimum geometrical characteristics of the raw section

Product name	A (mm 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 _y (mm)	i _z (mm)
CR 200x47x53/1.5	478.8	101.78	98.18	2673725	147813	26269	3669	340	74.73	17.57
CR 200x47x53/2	637.1	101.79	98.17	3533266	190986	34710	4753	816	74.47	17.31
CR 200x47x55/2.5	798.4	102.41	97.55	4414549	245241	43106	5866	1611	74.36	17.53
CR 200x47x55/3	953.4	102.43	97.53	5229128	284959	51053	6822	2784	74.06	17.29

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 _{y,min} (mm)	i _{z,min} (mm)
CR 200x47x53/1.5	315.7	101.11	98.85	2564133	140471.029	25181	3458	74.24	17.24
CR 200x47x53/2	457.1	101.72	98.24	3499970	191050.7307	34527	4753	74.41	17.32
CR 200x47x55/2.5	615.4	102.31	97.65	4424646	245189.7343	43203	5865	74.44	17.52
CR 200x47x55/3	773.7	102.34	97.62	5240338	284783.0244	51161	6818	74.14	17.28

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
CR 250x57x66/1.5	1.5	250	57	66	20	20	4.884
CR250x57x66/2	2	250	57	66	20	20	6.464
CR 250x57x66/2.5	2.5	250	57	66	20	20	8.000
CR 250x57x66/3	3	250	57	66	20	20	9.528

Minimum geometrical characteristics of the raw section

Product name	A (mm 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 _y (mm)	i _z (mm)
CR 250x57x66/1.5	593.5	127.73	122.23	5226539	279576	40919	5511	422	93.84	21.70
CR250x57x66/2	791.9	127.74	122.22	6924660	364810	54209	7197	1014	93.51	21.46
CR 250x57x66/2.5	987.8	127.75	122.21	8567069	444982	67060	8787	1993	93.13	21.22
CR 250x57x66/3	1181.3	127.74	122.22	10178731	520250	79684	10283	3450	92.83	20.99

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 _{y,min} (mm)	i _{z,min} (mm)
CR 250x57x66/1.5	326.3	125.40	124.56	4601027	247948.8179	34712	4792	92.82	20.72
CR250x57x66/2	495.2	127.54	122.42	6570633	348183.7536	50617	6820	93.36	21.08
CR 250x57x66/2.5	659.0	127.77	122.19	8448060	442283.7338	65986	8724	92.95	21.18
CR 250x57x66/3	823.3	127.87	122.09	10194629	521288.277	79821	10303	92.92	21.01

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
CR 300x62x70/1.5	1.5	300	62	70	25	25	5.712
CR300x62x70/2	2	300	62	70	25	25	7.568
CR 300x62x70/2.5	2.5	300	62	70	25	25	9.380
CR 300x62x70/3	3	300	62	70	25	25	11.184

Minimum geometrical characteristics of the raw section

Product name	A (mm 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 _y (mm)	i _z (mm)
CR 300x62x70/1.5	694.2	152.49	147.47	8633053	383961	56613	7115	493	111.51	23.52
CR300x62x70/2	927.1	152.50	147.46	11465662	502465	75185	9319	1187	111.21	23.28
CR 300x62x70/2.5	1157.6	152.51	147.45	14236143	614563	93346	11408	2335	110.90	23.04
CR 300x62x70/3	1385.5	152.52	147.44	16943244	720403	111090	13385	4046	110.58	22.80

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 _{y,min} (mm)	i _{z,min} (mm)
CR 300x62x70/1.5	343.3	149.18	150.78	7260039	318311.3683	44185	5712	110.21	21.88
CR300x62x70/2	558.8	151.85	148.11	10773303	477340.3812	69064	8783	111.56	22.82
CR 300x62x70/2.5	756.2	152.58	147.38	13787042	607317.3281	89251	11255	111.30	22.94
CR 300x62x70/3	941.4	152.68	147.28	16770849	720680.4882	108897	13392	110.82	22.81

Dimensions and sectional features

Product name	Thickness "T" (mm)	H (mm)	A (mm)	B (mm)	C ₁ (mm)	C ₂ (mm)	Load (kg/ml)
CR 400x67x76/2	2	400	67	76	25	25	9.344
CR 400x67x76/2.5	2.5	400	67	76	25	25	11.600
CR 400x67x76/3	3	400	67	76	25	25	13.848

Minimum geometrical characteristics of the raw section

Product name	A (mm 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 _y (mm)	i _z (mm)
CR 400x67x76/2	1144.7	203.05	196.91	24034547	654225	118370	10712	1466	144.90	23.91
CR 400x67x76/2.5	1430.6	203.06	196.90	29896171	801980	147231	13145	2886	144.56	23.68
CR 400x67x76/3	1714.1	203.06	196.90	35625930	942381	175441	15462	5006	144.17	23.45

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 _{y,min} (mm)	i _{z,min} (mm)
CR 400x67x76/2	558.1	201.53	198.43	20983688	583145.0808	97161	9401	145.26	22.82
CR 400x67x76/2.5	783.7	203.35	196.61	27674271	760470.3116	130237	12384	145.83	23.17
CR 400x67x76/3	1014.9	203.41	196.55	33684637	924456.7206	160377	15135	145.56	23.27