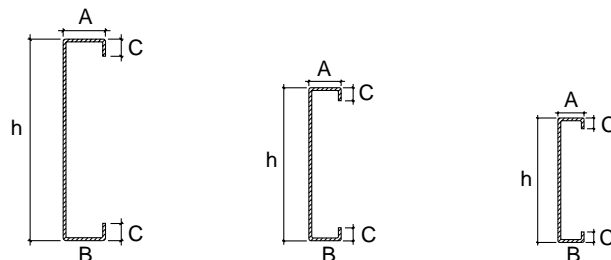


Borga C-profiles



Borga C-profiles are produced in length up to 8,5 meters and are often used as base channels for the connection between wall and floor as well as wall girts and roof purlins when overlapping is not required. The C-profiles are also used as frame in openings for gates, doors, windows etc. Special profiles made according to customer needs are available on request.

Material:

The raw material is delivered to our production plant in coils with thickness from 1,2 to 2,5 mm. All cold-formed profiles are made from high quality steel, 350 Mpa, covered on both sides by zinc layer equal to 275 g/m². The width of the coils varies from 1000 mm to 1250 mm. Prior to production the coils are slitted into the exact width needed for given profile.

C - profiles - Technical parameters

Profile	C 120x1,2	C 120x1,5	C 120x2,0	C 120x2,5	C 150x1,2	C 150x1,5	C 150x2,0	C 150x2,5	C 200x1,2	C 200x1,5	C 200x2,0	C 200x2,5
Height h [mm]	120	120	120	120	150	150	150	150	200	200	200	200
Thickness t [mm]	1,17	1,42	1,91	2,40	1,17	1,42	1,91	2,40	1,17	1,42	1,91	2,40
A [mm]	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0
B [mm]	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0	42,0
C [mm]	17,0	17,0	17,0	17,0	17,0	17,0	17,0	17,0	17,0	17,0	17,0	17,0
Slit s [mm]	243	243	243	243	273	273	273	273	323	323	323	323
Zink layer [g/m ²]	275	275	275	275	275	275	275	275	275	275	275	275
Ag [cm ²]	2,84	3,45	4,64	5,83	3,19	3,88	5,21	6,55	3,78	4,59	6,17	7,75
Weight g [kg/m]	2,37	2,84	3,78	4,71	2,66	3,19	4,24	5,29	3,14	3,78	5,02	6,26
Ig [cm ⁴]	58,8	70,5	92,9	114,2	99,6	119,8	158,1	194,9	199,0	239,5	317,0	391,8
Vr [kN]	14,35	21,39	38,70	50,84	11,48	20,53	38,70	61,11	8,61	15,39	37,46	61,11
(Ix) red [cm ⁴]	58,0	70,5	92,9	114,2	96,3	117,5	158,1	194,9	185,3	227,7	309,8	391,8
Wx red [cm ³]	9,44	11,76	15,48	19,04	12,18	15,20	21,08	25,98	17,07	21,23	29,92	39,18
Mr red [kNm]	2,87	3,58	4,71	5,79	3,71	4,63	6,41	7,91	5,20	6,46	9,11	11,92

Parameters according to actual EU norms.