Easy Housing – Steel frame rolled C-profiles

C- profiles are used for walls and floors. They are manufactured in accordance with the NEN-EN1090-1 standard.

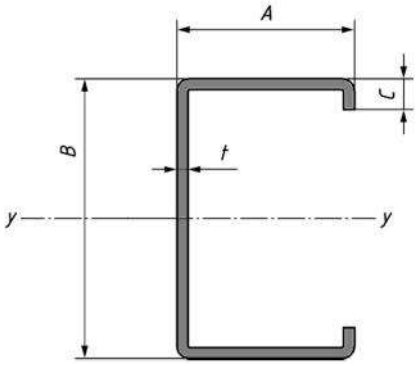
Standard delivery programme C-Profiles

Profile	Thickness	Height Flange	Weight of housing	Lip	Weight
	t	A	B	C	
	[mm]	[mm]	[mm]	[mm]	[kg/m¹]
EHS-C-63-50-15-1,0	1,0	50	63	15	1,51
EHS-C-63-50-15-1,2	1,2				1,81
EHS-C-63-50-15-1,5	1,5				2,26
EHS-C-63-50-15-2,0	2,0				3,01
EHS-C-75-50-15-1,0	1,0	50	75	15	1,60
EHS-C-75-50-15-1,2	1,2				1,92
EHS-C-75-50-15-1,5	1,5				2,40
EHS-C-75-50-15-2,0	2,0				3,20
EHS-C-89-50-15-1,0	1,0	50	90	15	1,72
EHS-C-89-50-15-1,2	1,2				2,06
EHS-C-89-50-15-1,5	1,5				2,57
EHS-C-89-50-15-2,0	2,0				3,43
EHS-C-100-50-15-1,0	1,0	50	100	15	1,79
EHS-C-100-50-15-1,2	1,2				2,15
EHS-C-100-50-15-1,5	1,5				2,69
EHS-C-100-50-15-2,0	2,0				3,59
EHS-C-120-50-15-1,0	1,0	50	120	15	1,95
EHS-C-120-50-15-1,2	1,2				2,34
EHS-C-120-50-15-1,5	1,5				2,93
EHS-C-120-50-15-2,0	2,0				3,90
EHS-C-120-60-15-1,0	1,0	60	120	15	2,11
EHS-C-120-60-15-1,2	1,2				2,53
EHS-C-120-60-15-1,5	1,5				3,16
EHS-C-120-60-15-2,0	2,0				4,21
EHS-C-150-50-15-1,0	1,0	50	150	15	2,18
EHS-C-150-50-15-1,2	1,2				2,62
EHS-C-150-50-15-1,5	1,5				3,28
EHS-C-150-50-15-2,0	2,0				4,37
EHS-C-200-50-15-1,0	1,0	50	200	15	2,57
EHS-C-200-50-15-1,2	1,2				3,09
EHS-C-200-50-15-1,5	1,5				3,86
EHS-C-200-50-15-2,0	2,0				5,15
EHS-C-250-50-15-1,5	1,5	50	250	15	4,45
EHS-C-250-50-15-2,0	2,0				5,93
EHS-C-250-50-15-2,5	2,5				7,41
EHS-C-300-50-15-2,0	2,0	50	300	15	6,71
EHS-C-300-50-15-2,5	2,5				8,39

Tolerances for the profiles according to NEN-EN10162 and NEN-EN1090-4.
For deviating profile specifications, please ask us about production possibilities.
You can use the following guide for this.

Adres: Zuiveringweg 8, 8243 PZ Lelystad, The Netherlands
Telefoon: +31 (0)320 216630
Email: info@easyhousing.eu . order@easyhousing.eu
Website: www.easyhousing.eu Inschrijfnr. K.v.K.: 39087588

- The C-profiles for walls and floors can be supplied in widths from 63 to 150, 200, 250, 300, 350 and 400 mm..
- The flange (A) is supplied in a height of 50 mm as standard. The flange height can be supplied in heights of 40 and 50 mm. The flange height 60mm can be used for profiles with a height of 100, 120, 150, 200, 250, 350 and 400mm.
- The thickness of the profiles can be varied from 1.0 -1.2-1.5-2.0 as standard. Production can be carried out with a steel thickness between 0.9 and 2.5 mm.
- U -profiles with widths from 63 to 150, 200, 250, 300, 350 and 400 mm with flange heights of 40-50 mm.



As standard, the profiles have a minimum steel quality of S280GD (NEN-EN 10346). On request, we can also supply profiles in steel quality S350 GD. The profiles are permanently protected with a zinc coating of at least Z275 (NEN-EN 10346).

Adres: Zuiveringweg 8, 8243 PZ Lelystad, The Netherlands
Telefoon: +31 (0)320 216630
Email: info@easyhousing.eu . order@easyhousing.eu
Website: www.easyhousing.eu Inschrijfnr. K.v.K.: 39087588

Machining

To facilitate the assembly of the frame, there are a number of standard machining options for the profiles:

1. galvanised hole for screw
   d = 3,5mm
   - Small hole for the back profile: DIMPLE_C
   - Large hole for the front profile: DIMPLE_U




2. Removal of lip over 63 mm at 45 degrees (LIP_CUT)




3. Taper for placement in connecting profilel (SWAGE)




4. Round cut-outs small 63/75/89/150: Ø10,3+2x05 of Ø34 (BOLT_HOLE or SERVICE_HOLE) or 100-120-200-250-300 Ø18(+2x05) of Ø50 (HOLE_18 and BOLT_HOLE or HOLE_50)

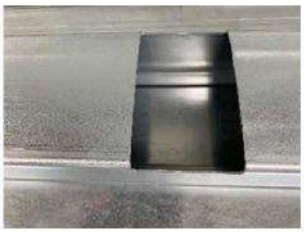



5. Large round cut-out with folded edges of Ø132 or Ø158 (HOLE_135 or HOLE_165)
   A Ø138 round hole can be made in the 200mm profile without a beating edge.




Adres: Zuiveringweg 8, 8243 PZ Lelystad, The Netherlands
Telefoon: +31 (0)320 216630
Email: info@easyhousing.eu . order@easyhousing.eu
Website: www.easyhousing.eu Inschrijfnr. K.v.K.: 39087588

6. Full height rebate for profile grommets (NOTCH)





7. End chamfer for angled wind bracing (CHAMFER) Only for 63-75-89-100-120150-100-200 en 250mm profiles.

   For 200-, 250- and 300 mm-profiles, only the open side of the profiles is chamfered (the web side is straight)





Other machining is possible, e.g. round cut in the flange. Please send us a drawing of the desired machining so that we can assess whether this is possible with our machines.

Version 06: 07 September 2021

Adres: Zuiveringweg 8, 8243 PZ Lelystad, The Netherlands
Telefoon: +31 (0)320 216630
Email: info@easyhousing.eu , order@easyhousing.eu
Website: www.easyhousing.eu Inschrijfnr. K.v.K.: 39087588