



## Profiles 10 – modular dimension of 50 mm

The added-value profile with increased load-carrying capacity

- The new line for high-strength constructions
- Reliability against pre-tension losses
- Tensile loading up to 7,000 N per screw connection
- Also available in lightweight versions as Profiles 10 E



Materials used in all the following products:

Al, anodized



### Profile 10 50x50 E



A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
8.47	2.29	20.34	20.34	3.00	8.14	8.14

natural, cut-off max. 6000 mm 0.0.624.93

natural, 1 pce., length 6000 mm 0.0.624.92



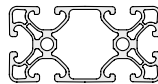
### Profile 10 50x50



A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
13.31	3.59	30.68	30.68	4.50	12.27	12.27

natural, cut-off max. 6000 mm 0.0.624.52

natural, 1 pce., length 6000 mm 0.0.624.51



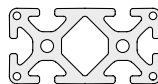
### Profile 10 100x50 E



A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
13.40	3.62	36.40	143.75	18.00	14.56	28.75

natural, cut-off max. 6000 mm 0.0.625.14

natural, 1 pce., length 6000 mm 0.0.625.13



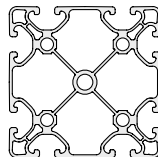
### Profile 10 100x50



A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
24.70	6.67	61.28	227.47	45.00	24.51	45.49

natural, cut-off max. 6000 mm 0.0.624.60

natural, 1 pce., length 6000 mm 0.0.624.59



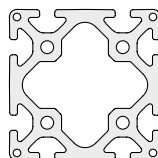
### Profile 10 100x100 E



A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
21.74	5.87	237.98	237.98	90.00	47.60	47.60

natural, cut-off max. 6000 mm 0.0.625.18

natural, 1 pce., length 6000 mm 0.0.625.17



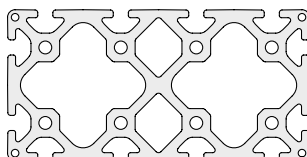
### Profile 10 100x100



A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
39.57	10.68	431.41	431.41	270.00	86.28	86.28

natural, cut-off max. 6000 mm 0.0.624.56

natural, 1 pce., length 6000 mm 0.0.624.55



### Profile 10 200x100



A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
74.36	20.08	838.55	2,840.55	870.00	167.71	284.06

natural, cut-off max. 6000 mm 0.0.624.68

natural, 1 pce., length 6000 mm 0.0.624.67

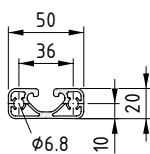


## Profile 10 50x20 E

- Lightweight thanks to flat cross-section
- Full Profile 10 groove on one side, closed surface on the other
- Ideal for stable, space-saving struts and frames



Thanks to its flat cross-section, Profile 10 50x20 E takes up little space when integrated into constructions. The Line 10 groove leaves open all the fastening options associated with Profiles 10, providing a secure hold for all fastening elements. The closed surface on the rear of the profile is easy to clean. This profile makes it easy to add flat struts to a construction or build stable lightweight frames.



### Profile 10 50x20 E



Al, anodized

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
3.69	0.99	1.70	9.08	1.70	3.63	
natural, cut-off max. 6000 mm						0.0.632.54
natural, 1 pce., length 6000 mm						0.0.632.53