



## Profiles 8 - modular dimension of 40 mm

The standard material for design engineers

- The universal and robust all-rounder
- Three variants for constructions with optimised load-carrying capacity
- Available with open or closed grooves
- Products from Line X also available



The MB Building Kit System from item is a tried-and-tested basis for machines and systems of all sizes. Profiles 8 are the most frequently used profiles of all the lines worldwide. Thanks to their design, these aluminium profiles are light, robust and versatile with a service life of many years. Due to the wide selection of modules available, Profiles 8 can satisfy virtually all your construction needs.



Profiles with closed grooves are particularly easy to clean and can be combined with conventional profiles as required.

Some cross-sections incorporate closed grooves that can be easily opened.



The profiles in Line X can be built into elegant constructions with closed surfaces. The minimised edge radius results in a seamless connection between profiles and eliminates protruding edges. As a result, dirt and deposits have no chance of ruining the striking aesthetic appeal of Line X.

The profiles in Line X use Line 8 grooves, ensuring they are compatible with all the accessories in that line.

### Materials used in all the following products:

Al, anodized



#### Profile 8 40x40 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> ]
5.07	1.37	7.38	7.38	0.99	3.69	3.69
natural, cut-off max. 6000 mm						7.0.000.09
natural, 1 pce., length 6000 mm						0.0.452.79



#### Profile 8 40x40 light



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> ]
6.46	1.74	9.00	9.00	1.12	4.50	4.50
natural, cut-off max. 6000 mm						0.0.026.33
natural, 1 pce., length 6000 mm						0.0.452.81
natural, 1 pce., length 3000 mm						0.0.452.80
black, cut-off max. 6000 mm						0.0.026.35
black, 1 pce., length 6000 mm						0.0.452.83



#### Profile 8 40x40



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> ]
9.16	2.47	13.96	13.96	1.93	6.98	6.98
natural, cut-off max. 6000 mm						0.0.026.03
natural, 1 pce., length 6000 mm						0.0.452.65
natural, 1 pce., length 3000 mm						0.0.452.66


**Profile 8 40x40 1N light**


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> ]
6.61	1.78	9.54	9.01	2.99	4.66	4.50
natural, cut-off max. 6000 mm						0.0.422.72
natural, 1 pce., length 6000 mm						0.0.452.68


**Profile 8 40x40 2N90 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> ]
4.83	1.30	8.06	8.06	4.33	3.87	3.87
natural, cut-off max. 6000 mm						7.0.000.06
natural, 1 pce., length 6000 mm						0.0.452.69


**Profile 8 40x40 2N90 light**


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> ]
6.80	1.84	9.64	9.64	4.91	4.70	4.70
natural, cut-off max. 6000 mm						0.0.404.50
natural, 1 pce., length 6000 mm						0.0.452.71
black, cut-off max. 6000 mm						0.0.406.43
black, 1 pce., length 6000 mm						0.0.452.73


**Profile 8 40x40 2N180 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> ]
4.95	1.33	8.40	8.10	3.86	4.30	4.05
natural, cut-off max. 6000 mm						7.0.000.03
natural, 1 pce., length 6000 mm						0.0.452.74


**Profile 8 40x40 2N180 light**


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> ]
6.78	1.83	9.10	10.10	4.88	4.55	5.05
natural, cut-off max. 6000 mm						0.0.404.51
natural, 1 pce., length 6000 mm						0.0.452.76


**Profile 8 40x40 3N light**


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> ]
6.96	1.90	9.62	10.22	6.95	4.70	5.11
natural, cut-off max. 6000 mm						0.0.480.26
natural, 1 pce., length 6000 mm						0.0.454.37

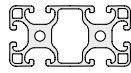

**Profile 8 40x40 4N light**


Profile features easy-to-open groove(s)

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> ]
6.86	1.86	9.79	9.79	1.12	4.89	4.89
natural, cut-off max. 6000 mm						0.0.489.11
natural, 1 pce., length 6000 mm						0.0.488.88


**Profile 8 80x40 E**

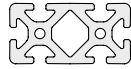

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
8.93	2.42	15.15	57.81	8.77	7.58	14.45
natural, cut-off max. 6000 mm						7.0.000.26
natural, 1 pce., length 6000 mm						0.0.452.39



**Profile 8 80x40 light**



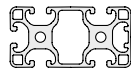
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.38	3.04	16.60	69.54	10.05	8.30	17.38	
natural, cut-off max. 6000 mm							0.0.026.34
natural, 1 pce., length 6000 mm							0.0.452.41
natural, 1 pce., length 3000 mm							0.0.452.40
black, cut-off max. 6000 mm							0.0.026.36
black, 1 pce., length 6000 mm							0.0.452.43



**Profile 8 80x40**



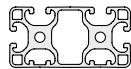
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
16.76	4.53	26.87	101.19	20.84	13.44	25.29	
natural, cut-off max. 6000 mm							0.0.026.04
natural, 1 pce., length 6000 mm							0.0.452.95
natural, 1 pce., length 3000 mm							0.0.452.94



**Profile 8 80x40 1N light**



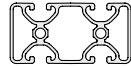
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.53	3.11	16.92	72.13	12.50	8.46	17.81	
natural, cut-off max. 6000 mm							0.0.607.75
natural, 1 pce., length 6000 mm							0.0.607.26



**Profile 8 80x40 2N light**



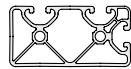
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.60	3.13	17.73	70.87	18.51	8.63	17.72	
natural, cut-off max. 6000 mm							0.0.422.75
natural, 1 pce., length 6000 mm							0.0.452.97



**Profile 8 80x40 2N180 E**



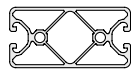
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.44	2.28	15.85	54.51	21.82	7.93	13.63	
natural, cut-off max. 6000 mm							7.0.000.23
natural, 1 pce., length 6000 mm							0.0.452.98



**Profile 8 80x40 3N90 E**



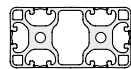
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.24	2.22	15.32	54.69	16.53	7.51	13.40	
natural, cut-off max. 6000 mm							7.0.000.20
natural, 1 pce., length 6000 mm							0.0.452.99



**Profile 8 80x40 4N180 E**



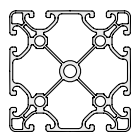
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.04	2.17	15.12	55.41	11.89	7.56	13.85	
natural, cut-off max. 6000 mm							7.0.000.17
natural, 1 pce., length 6000 mm							0.0.452.34



**Profile 8 80x40 6N light**



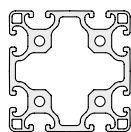
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.87	3.20	18.09	74.31	10.05	9.04	18.58	
natural, cut-off max. 6000 mm							0.0.489.18
natural, 1 pce., length 6000 mm							0.0.488.82



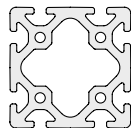
**Profile 8 80x80 E**



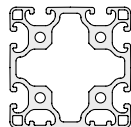
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
14.86	4.01	100.69	100.69	46.35	25.17	25.17	
natural, cut-off max. 6000 mm							7.0.000.29
natural, 1 pce., length 6000 mm							0.0.453.01


**Profile 8 80x80 light**

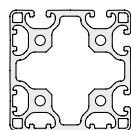

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
19.75	5.33	134.06	134.06	82.91	33.51	33.51	
natural, cut-off max. 6000 mm							0.0.265.80
natural, 1 pce., length 6000 mm							0.0.453.03
natural, 1 pce., length 3000 mm							0.0.453.02


**Profile 8 80x80**

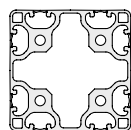

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
26.66	7.19	187.70	187.70	136.98	46.92	46.92	
natural, cut-off max. 6000 mm							0.0.026.27
natural, 1 pce., length 6000 mm							0.0.452.35


**Profile 8 80x80 2N light**

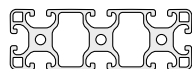

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
20.08	5.42	139.00	135.00	104.97	34.25	33.68	
natural, cut-off max. 6000 mm							0.0.457.52
natural, 1 pce., length 6000 mm							0.0.452.45


**Profile 8 80x80 4N90 light**

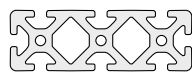

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
20.39	5.50	140.00	140.00	122.46	34.48	34.48	
natural, cut-off max. 6000 mm							0.0.457.59
natural, 1 pce., length 6000 mm							0.0.452.47


**Profile 8 80x80 8N light**

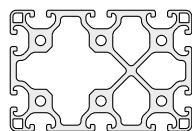

Profile features easy-to-open groove(s)							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
19.43	5.25	134.24	134.24	82.91	33.56	33.56	
natural, cut-off max. 6000 mm							0.0.489.19
natural, 1 pce., length 6000 mm							0.0.488.84


**Profile 8 120x40 light**

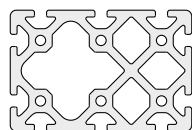

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
16.12	4.35	24.22	220.54	18.14	12.11	36.76	
natural, cut-off max. 6000 mm							0.0.416.66
natural, 1 pce., length 6000 mm							0.0.453.13


**Profile 8 120x40**

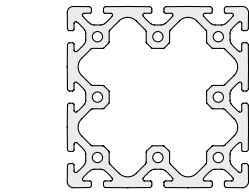

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
24.38	6.58	39.80	322.66	35.15	19.90	53.77	
natural, cut-off max. 6000 mm							0.0.416.29
natural, 1 pce., length 6000 mm							0.0.453.11


**Profile 8 120x80 light**

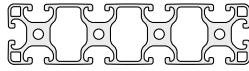

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
30.13	8.13	201.89	421.67	128.39	50.47	68.34	
natural, cut-off max. 6000 mm							0.0.416.65
natural, 1 pce., length 6000 mm							0.0.453.17


**Profile 8 120x80**

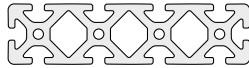

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
40.05	10.81	274.86	574.86	255.63	68.71	92.72	
natural, cut-off max. 6000 mm							0.0.416.30
natural, 1 pce., length 6000 mm							0.0.453.15



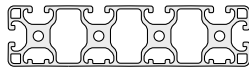
Profile 8 120x120							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
45.92	12.39	798.83	798.83	510.00	133.13	133.13	
natural, cut-off max. 6000 mm							0.0.609.79
natural, 1 pce., length 6000 mm							0.0.609.71



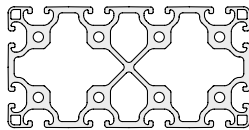
Profile 8 160x40 light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
20.90	5.64	31.81	500.32	29.19	15.90	62.54	
natural, cut-off max. 6000 mm							0.0.418.35
natural, 1 pce., length 6000 mm							0.0.453.26



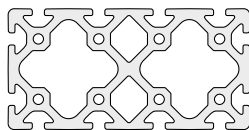
Profile 8 160x40							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
32.00	8.64	52.72	739.62	51.34	26.36	92.45	
natural, cut-off max. 6000 mm							0.0.265.23
natural, 1 pce., length 6000 mm							0.0.453.22



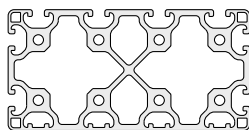
Profile 8 160x40 4N light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
21.50	5.80	33.90	512.66	55.98	16.52	64.08	
natural, cut-off max. 6000 mm							0.0.429.04
natural, 1 pce., length 6000 mm							0.0.453.24



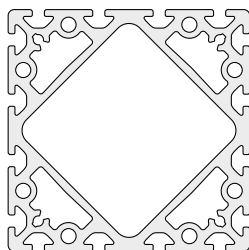
Profile 8 160x80 light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
37.80	10.21	267.07	907.88	261.72	66.77	113.48	
natural, cut-off max. 6000 mm							0.0.411.18
natural, 1 pce., length 6000 mm							0.0.453.32



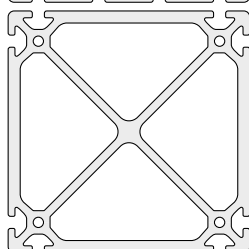
Profile 8 160x80							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
50.07	13.52	360.89	1,228.33	398.58	90.22	153.54	
natural, cut-off max. 6000 mm							0.0.265.26
natural, 1 pce., length 6000 mm							0.0.453.28



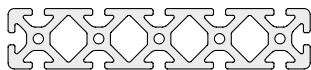
Profile 8 160x80 4N light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
38.34	10.35	275.91	919.80	315.79	68.97	114.97	
natural, cut-off max. 6000 mm							0.0.429.05
natural, 1 pce., length 6000 mm							0.0.453.30



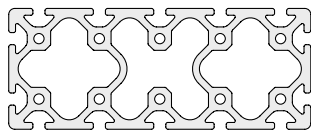
Profile 8 160x160							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
74.20	20.04	2,355.00	2,355.00	2,500.00	294.40	294.40	
natural, cut-off max. 8000 mm							0.0.480.75
natural, 1 pce., length 8000 mm							0.0.480.76
natural, 1 pce., length 6000 mm							0.0.465.85



Profile 8 160x160 8EN							8
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> ]	
59.34	16.05	1,876.10	1,876.10	2,000.00	234.51	234.51	
natural, cut-off max. 6000 mm							0.0.474.58
natural, 1 pce., length 6000 mm							0.0.454.30


**Profile 8 200x40**

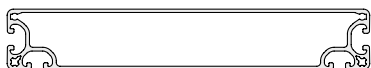

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
39.60	10.69	65.62	1,411.47	65.00	32.81	141.14
natural, cut-off max. 6000 mm						0.0473.82
natural, 1 pce., length 6000 mm						0.0454.20


**Profile 8 200x80**

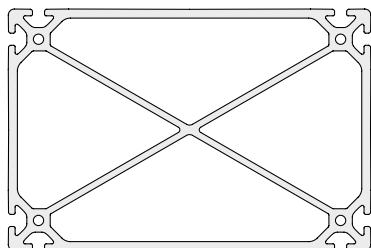

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
55.74	15.05	427.59	2,181.99	470.00	106.90	218.20
natural, cut-off max. 6000 mm						0.0483.35
natural, 1 pce., length 6000 mm						0.0483.34


**Profile 8 240x40**

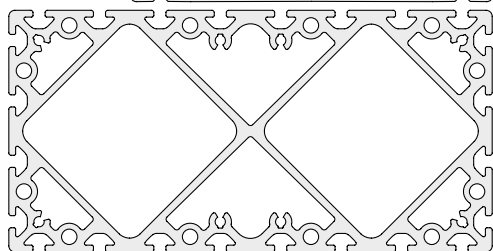

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
47.21	12.69	78.54	2,400.72	80.00	39.27	200.22
natural, cut-off max. 6000 mm						0.0473.84
natural, 1 pce., length 6000 mm						0.0454.22


**Profile 8 240x40 8N light**


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> ]
15.52	4.19	42.18	1,098.70	94.40	20.28	91.56
natural, cut-off max. 6000 mm						0.0629.44
natural, 1 pce., length 6000 mm						0.0629.41


**Profile 8 240x160 8EN**


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> ]
74.00	19.98	2,492.10	5,177.20	3,950.00	310.60	436.70
natural, cut-off max. 8000 mm						0.0474.57
natural, 1 pce., length 8000 mm						0.0615.30


**Profile 8 320x160**


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> ]
125.55	33.90	4,398.20	14,194.10	6,900.00	549.80	887.30
natural, cut-off max. 8000 mm						0.0480.77
natural, 1 pce., length 8000 mm						0.0465.86


**Profile X 8 40x40 light**


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> ]
6.61	1.78	9.47	9.47	1.12	4.73	4.73
natural, cut-off max. 6000 mm						0.0492.91
natural, 1 pce., length 6000 mm						0.0492.90


**Profile X 8 40x40 1N light**


Profile features easy-to-open groove(s)						
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> ]
6.68	1.80	9.74	9.47	1.12	4.82	4.73
natural, cut-off max. 6000 mm						0.0611.87
natural, 1 pce., length 6000 mm						0.0611.86



**Profile X 8 40x40 2N90 light**



Profile features easy-to-open groove(s)

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> ]
6.75	1.82	9.74	9.74	1.12	4.82	4.82
natural, cut-off max. 6000 mm						0.0.611.90
natural, 1 pce., length 6000 mm						0.0.611.89



**Profile X 8 40x40 2N180 light**



Profile features easy-to-open groove(s)

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> ]
6.75	1.82	10.03	9.47	1.12	5.01	4.73
natural, cut-off max. 6000 mm						0.0.611.93
natural, 1 pce., length 6000 mm						0.0.611.92



**Profile X 8 40x40 3N light**



Profile features easy-to-open groove(s)

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> ]
6.82	1.84	9.75	10.03	1.12	4.82	5.01
natural, cut-off max. 6000 mm						0.0.611.96
natural, 1 pce., length 6000 mm						0.0.611.95

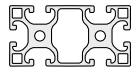


**Profile X 8 40x40 4N light**



Profile features easy-to-open groove(s)

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> ]
6.90	1.86	10.03	10.03	1.12	5.01	5.01
natural, cut-off max. 6000 mm						0.0.492.88
natural, 1 pce., length 6000 mm						0.0.492.87

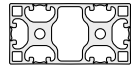


**Profile X 8 80x40 light**



Profile features easy-to-open groove(s)

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> ]
11.46	3.09	17.18	71.65	10.05	8.59	17.91
natural, cut-off max. 6000 mm						0.0.492.94
natural, 1 pce., length 6000 mm						0.0.492.93

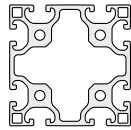


**Profile X 8 80x40 6N light**



Profile features easy-to-open groove(s)

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> ]
11.89	3.21	18.30	75.12	10.05	9.15	18.78
natural, cut-off max. 6000 mm						0.0.493.01
natural, 1 pce., length 6000 mm						0.0.492.99

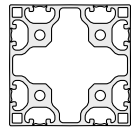


**Profile X 8 80x80 light**



Profile features easy-to-open groove(s)

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> ]
19.37	5.23	132.82	132.82	82.91	33.20	33.20
natural, cut-off max. 6000 mm						0.0.492.97
natural, 1 pce., length 6000 mm						0.0.492.96



**Profile X 8 80x80 8N light**



Profile features easy-to-open groove(s)

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> ]
19.96	5.39	138.57	138.57	82.91	34.64	34.64
natural, cut-off max. 6000 mm						0.0.493.04
natural, 1 pce., length 6000 mm						0.0.493.03



## Profiles 8 – Flat Cross-Sections

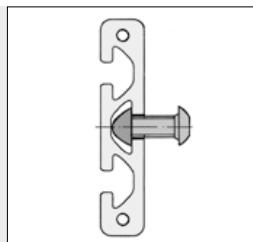
- Full groove despite low construction height
- For attaching elements
- Suitable for use as a frame, support or strut



Profile 8 40x16 E can be used in conjunction with Hand Grip Element 8 to construct grip rails and handles.



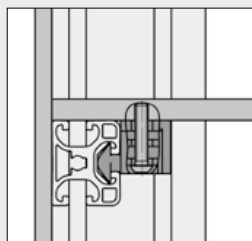
Profiles 8 80x16 and 160x28 are suitable for building the sliding carriages of roller guides 8 D6 and D14.



When using the centre groove of Profile 8 80x16, an access hole must be provided at the envisaged fastening position.



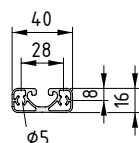
Profile 8 160x28 can also be used as a clamping and mounting surface or edgewise as a heavy-duty supporting profile.



Profiles 8 40x32 and 80x32 light are particularly suitable for use as frames and struts in table, shelving and cabinet constructions. They are then used to connect profiles of modular dimension 40 mm.

Materials used in all the following products:

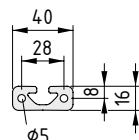
Al, anodized



### Profile 8 40x16 E



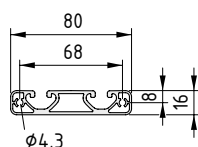
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
2.24	0.60	0.64	3.34	0.35	0.78	1.67
natural, cut-off max. 3000 mm						7.0.000.01
natural, 1 pce., length 3000 mm						0.0.452.64



### Profile 8 40x16



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> ]
4.24	1.13	1.05	6.89	1.09	1.22	3.45
natural, cut-off max. 6000 mm						0.0.026.84
natural, 1 pce., length 6000 mm						0.0.492.75
natural, 1 pce., length 3000 mm						0.0.452.62
black, cut-off max. 3000 mm						0.0.026.25
black, 1 pce., length 3000 mm						0.0.452.63

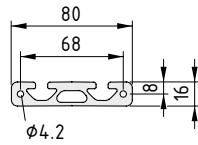


### Profile 8 80x16 E

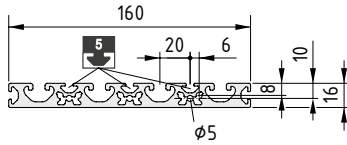


A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
4.86	1.31	1.49	29.28	1.53	1.78	7.32
natural, cut-off max. 3000 mm						7.0.000.15
natural, 1 pce., length 3000 mm						0.0.452.93

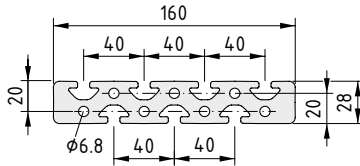




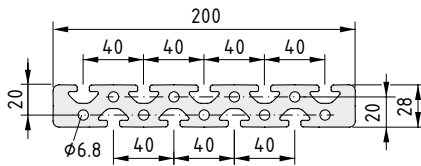
Profile 8 80x16							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.13	2.20	2.15	50.76	2.20	2.69	12.69	
natural, cut-off max. 3000 mm							0.0.364.72
natural, 1 pce., length 3000 mm							0.0.452.91



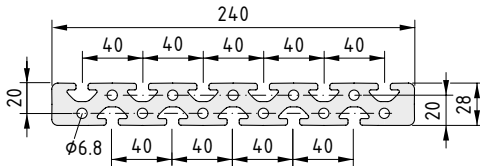
Profile 8 160x16							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
13.88	3.75	3.80	307.83	2.37	4.25	38.48	
natural, cut-off max. 3000 mm							0.0.265.90
natural, 1 pce., length 3000 mm							0.0.453.18



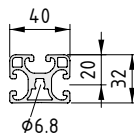
Profile 8 160x28							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
31.07	8.39	20.49	726.82	21.81	14.33	90.85	
natural, cut-off max. 6000 mm							0.0.026.85
natural, 1 pce., length 6000 mm							0.0.453.20



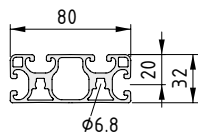
Profile 8 200x28							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
38.39	10.37	25.37	1,383.53	25.00	17.74	138.35	
natural, cut-off max. 6000 mm							0.0.473.86
natural, 1 pce., length 6000 mm							0.0.454.24



Profile 8 240x28							8
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> ]	
45.70	12.29	30.25	2,347.38	30.00	21.30	195.62	
natural, cut-off max. 6000 mm							0.0.473.88
natural, 1 pce., length 6000 mm							0.0.454.26

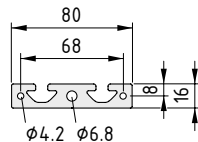


Profile 8 40x32 light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
4.97	1.34	5.06	7.19	0.81	3.14	3.59	
natural, cut-off max. 6000 mm							0.0.494.97
natural, 1 pce., length 6000 mm							0.0.494.95



Profile 8 80x32 light							8
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> ]	
8.65	2.33	9.27	53.73	8.20	5.76	13.43	
natural, cut-off max. 6000 mm							0.0.494.98
natural, 1 pce., length 6000 mm							0.0.494.96

**Line**

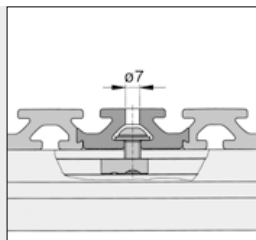
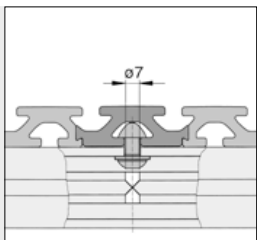


Profile X 8 80x16							Line 8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
9.23	2.49	2.33	52.01	2.27	2.74	13.00	
natural, cut-off max. 3000 mm							0.0.609.34
natural, 1 pce., length 3000 mm							0.0.609.21



## Bed Plate Profile 8

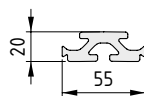
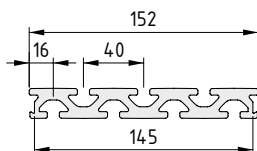
- For creating panels in any size
- Can be fastened to all types of substructures



Options for connecting the plate to the frame structure (using Button-Head Screw M8x16, washer DIN 125-8.4 and T-Slot Nut 8 St M8).

### Materials used in all the following products:

Al, anodized



### Bed Plate Profile 8 152x20



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> ]
18.39	4.97	7.39	350.50	7.20	46.12
natural, cut-off max. 6000 mm					
natural, 1 pce., length 6000 mm					

0.0.465.79

0.0.454.09

### Bed Plate Connection Profile 8 55x20



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> ]
5.71	1.54	2.12	11.30	1.98	4.10
natural, cut-off max. 6000 mm					
natural, 1 pce., length 6000 mm					

0.0.465.80

0.0.454.11



## Profiles 8 – 45° Angle

- Connect up to three profiles
- For sophisticated tables, display cases and systems

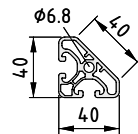


The 45° profiles bring a sophisticated aesthetic appeal to a whole range of constructions. Fastening Set 8 40x40-45° creates particularly elegant corner units.

Fastening Set 8  
40x40-45° #

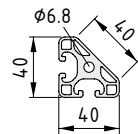
Materials used in all the following products:

Al, anodized



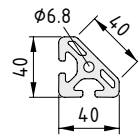
### Profile 8 40x40-45° E

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> ]	
4.35	1.17	5.70	5.70	2.49	2.51	2.51	
natural, cut-off max. 6000 mm							7.0.000.12
natural, 1 pce., length 6000 mm							0.0.452.86



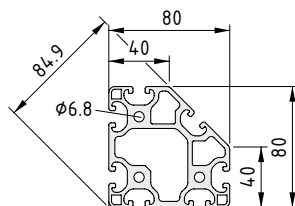
### Profile 8 40x40-45° light

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> ]	
5.58	1.50	6.50	6.50	2.59	2.90	2.90	
natural, cut-off max. 6000 mm							0.0.404.52
natural, 1 pce., length 6000 mm							0.0.452.88
black, cut-off max. 6000 mm							0.0.406.45
black, 1 pce., length 6000 mm							0.0.452.90



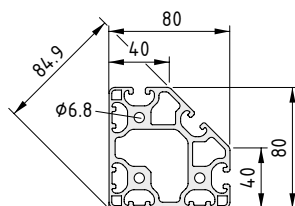
### Profile 8 40x40-45°

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> ]	
7.30	1.97	9.39	9.39	2.70	4.08	4.08	
natural, cut-off max. 6000 mm							0.0.373.45
natural, 1 pce., length 6000 mm							0.0.452.84



### Profile 8 80x80-45° light

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> ]	
18.86	5.09	109.11	109.11	68.71	24.97	24.97	
natural, cut-off max. 6000 mm							0.0.416.89
natural, 1 pce., length 6000 mm							0.0.453.07



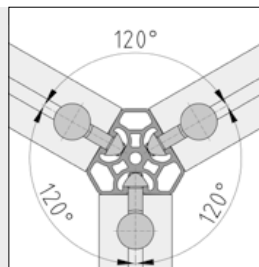
### Profile 8 80x80-45° 4N90 light

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> ]	
19.48	5.25	106.20	106.20	78.54	24.69	24.69	
natural, cut-off max. 6000 mm							0.0.422.54
natural, 1 pce., length 6000 mm							0.0.453.05

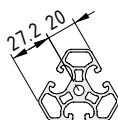


## Profiles 8 – 120° Angle

- Three grooves in one profile
- Ideal as a stand profile when building partition systems



Grooves 8 are positioned at angles of 120° to each other. The relevant side faces have a width of modular dimension 40 mm for attaching Line 8 profiles and accessories.



### Profile 8 3x40-120° light



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> ]
6.59	1.73	10.65	10.71	6.92	3.98	5.33
natural, cut-off max. 6000 mm						0.0.480.59
natural, 1 pce., length 6000 mm						0.0.480.58



## Profiles 8 D

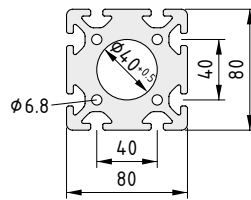
- With large central bore
- Ideal for the mounting of bearings
- Ideal for accommodating shafts, spindles and axles



Profile 8 80x80-45° D60 is the basis for Coupling Housings 8 D30 and 8 D55, Profile 8 120x120-45° D87 is used for Coupling Housing 8 D80. The profiles can be used to produce Coupling Housings of special lengths or housings for synchronising shafts between mechanical drive elements.

Materials used in all the following products:

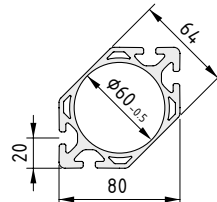
Al, anodized



### Profile 8 80x80 D40



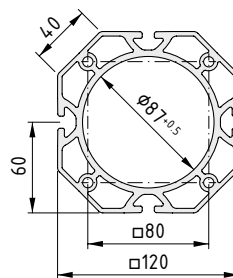
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
37.20	10.04	222.00	222.00	189.65	55.50	55.50	
natural, cut-off max. 3000 mm							0.0.408.28
natural, 1 pce., length 3000 mm							0.0.452.29



### Profile 8 80x80-45° D60



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> ]	
15.26	4.12	109.56	109.56	98.17	27.39	27.39	
natural, cut-off max. 6000 mm							0.0.463.24
natural, 1 pce., length 6000 mm							0.0.452.55



### Profile 8 120x120-45° D87



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> ]	
31.29	8.45	465.86	465.86	647.23	77.64	77.64	
natural, cut-off max. 6000 mm							0.0.463.25
natural, 1 pce., length 6000 mm							0.0.453.91

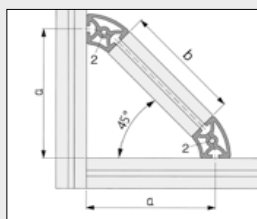


## Profiles 8 R

- Closed on two sides, rounded surface
- Various external angles available
- Ideal for building protective hoods, frames and tables

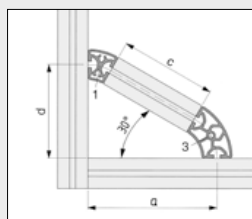


Profiles R can also be used to add bracing to profile constructions. Calculating the appropriate length for the struts is easy.



### Connection at 45°

Profile 2	Profile 8 R40/80-45°
b	$(a - 60) \cdot \sqrt{2}$

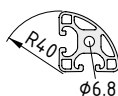


### Connection at 30°

Profile 1	Profile 8 R40/80-30°
Profile 3	Profile 8 R40/80-60°
c	$2(a - 60) / \sqrt{3}$
d	$(a - 60) / \sqrt{3} + 60$

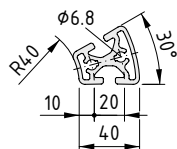
### Materials used in all the following products:

Al, anodized



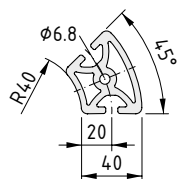
#### Profile 8 R40-90° light

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> ]	
5.72	1.54	6.65	6.65	2.93	3.04	3.04	
natural, cut-off max. 6000 mm							0.0.436.33
natural, 1 pce., length 6000 mm							0.0.453.39



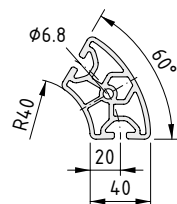
#### Profile 8 R40/80-30°

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> ]	
6.20	1.67	6.42	8.90	3.18	2.84	3.80	
natural, cut-off max. 6000 mm							0.0.427.66
natural, 1 pce., length 6000 mm							0.0.453.33



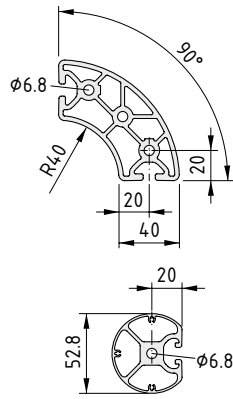
#### Profile 8 R40/80-45°

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> ]	
10.23	2.76	21.33	16.06	12.41	6.74	6.14	
natural, cut-off max. 6000 mm							0.0.409.14
natural, 1 pce., length 6000 mm							0.0.453.35



#### Profile 8 R40/80-60°

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> ]	
10.50	2.83	22.64	34.92	19.18	5.96	11.56	
natural, cut-off max. 6000 mm							0.0.427.67
natural, 1 pce., length 6000 mm							0.0.453.36



**Profile 8 R40/80-90°**



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> ]
15.00	4.05	76.25	76.25	45.84	18.69	18.69
natural, cut-off max. 6000 mm						0.0.427.68
natural, 1 pce., length 6000 mm						0.0.453.37

**Profile 8 R26-270°**



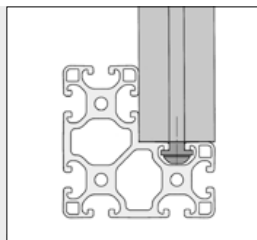
Al, anodized

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
6.45	1.75	12.08	10.96	12.41	4.62	5.40
natural, cut-off max. 6000 mm						0.0.474.48
natural, 1 pce., length 6000 mm						0.0.454.29



## Profiles 8 W

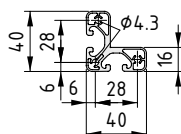
- Angled profiles with grooves
- For use as panel fixing strips
- For supporting shelves



The inside corner of the angled profiles is provided with an undercut. Attachments with sharp edges can therefore be screwed flush with the surface on both sides.

Materials used in all the following products:

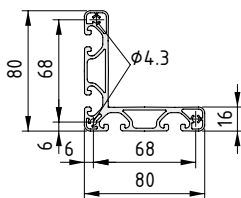
Al, anodized



### Profile 8 W40x40 E



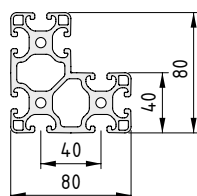
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
4.09	1.10	5.40	5.40	0.71	2.22	2.22
natural, cut-off max. 3000 mm						7.0.001.10
natural, 1 pce., length 3000 mm						0.0.453.40



### Profile 8 W80x80 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> ]
8.60	2.32	48.52	48.52	3.05	8.92	8.92
natural, cut-off max. 3000 mm						7.0.001.12
natural, 1 pce., length 3000 mm						0.0.453.41



### Profile 8 W80x80x40 light



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> ]
17.77	4.79	95.32	95.32	31.41	20.54	20.54
natural, cut-off max. 6000 mm						0.0.458.92
natural, 1 pce., length 6000 mm						0.0.454.02





## Profiles 8 D40

### Edge-free elegance

- Profiles with a cylindrical cross-section
- Can be combined with square profiles
- Available with open or closed grooves
- Closed grooves can be subsequently opened up



The cylindrical cross-section, which is 40 mm in diameter, is the main feature of Profiles 8 D40. Their four Line 8 grooves are arranged at 90° angles to each other and can be either open or closed, as required. Cylindrical profiles are ideal for use in hand rails, tables, shelves and ancillary factory equipment such as signage.

Cylindrical and angular profiles from the MB Building Kit System can be combined to suit the task at hand. This compatibility is made possible by Adapter 8 D40. The connections meet the same standards in stability and reliability that design engineers have come to expect from all item products.

### Materials used in all the following products:

Al, anodized



#### Profile 8 D40



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> ]
5.45	1.47	5.63	5.63	1.08	2.88	2.88
natural, cut-off max. 6000 mm						0.0.493.36
natural, 1 pce., length 6000 mm						0.0.493.37



#### Profile 8 D40 1N



Profile features easy-to-open groove(s)

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> ]
5.51	1.48	5.87	5.63	1.08	3.00	2.80
natural, cut-off max. 6000 mm						0.0.493.39
natural, 1 pce., length 6000 mm						0.0.493.40



#### Profile 8 D40 2N90



Profile features easy-to-open groove(s)

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> ]
5.58	1.50	5.88	5.88	1.08	2.90	2.90
natural, cut-off max. 6000 mm						0.0.489.40
natural, 1 pce., length 6000 mm						0.0.489.39

**Profile 8 D40 2N180**

Profile features easy-to-open groove(s)

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> ]
5.58	1.50	6.13	5.63	1.08	3.07	2.92
natural, cut-off max. 6000 mm						0.0.493.42
natural, 1 pce., length 6000 mm						0.0.493.43

**Profile 8 D40 3N**

Profile features easy-to-open groove(s)

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> ]
5.64	1.53	5.88	6.13	1.08	2.97	3.07
natural, cut-off max. 6000 mm						0.0.493.45
natural, 1 pce., length 6000 mm						0.0.493.46

**Profile 8 D40 4N**

Profile features easy-to-open groove(s)

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> ]
5.71	1.54	6.13	6.13	1.08	3.07	3.07
natural, cut-off max. 6000 mm						0.0.493.48
natural, 1 pce., length 6000 mm						0.0.493.49