

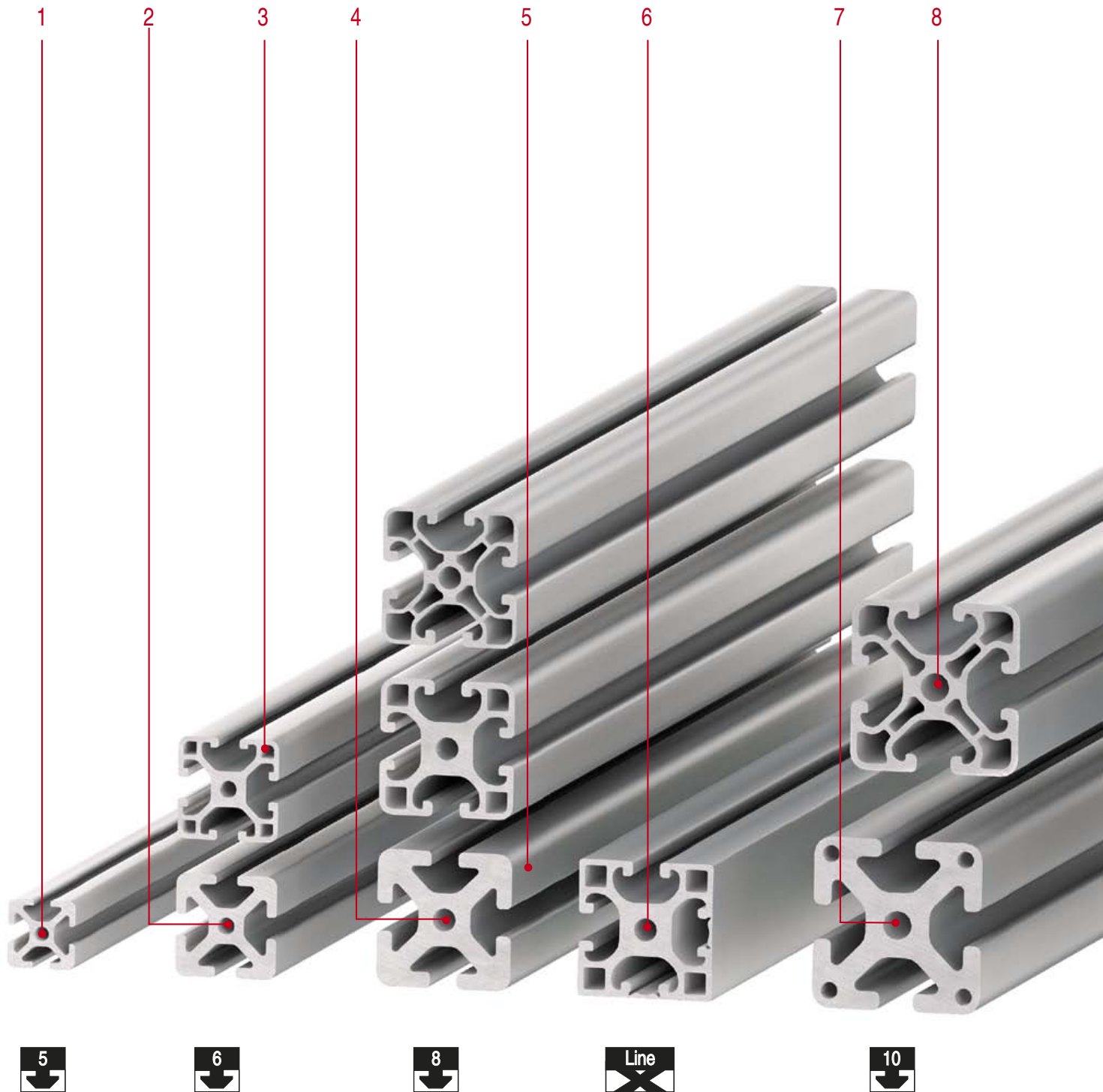


## PROFILES AND ACCESSORIES

1

- Profiles in Modular Dimensions
- Profiles with a Cylindrical Cross-Section
- Angled and Flat Profiles
- Caps
- Covers for Bores/Holes
- Cover Profiles

## Overview – item profile lines





**1 Profiles 5**

- Our most compact aluminium profiles
- Modular dimension of 20 mm
- Full functionality, low bulk
- For applications where space is limited

17 Section 1

**6 Profiles X**

- Minimised edge radii make this line ideal for building systems with closed surfaces
- Compatible with Line 8
- For constructions with a high-end look that are easy to clean

32 Section 1

**2 Profiles 6**

- Economical use of materials, generous performance
- High carrying capacity despite low dead weight
- For systems with a compact design

21 Section 1

**7 Profiles 10**

- Greater load-carrying capacity thanks to reinforced profile walls
- Exceptional reliability against pre-tension losses

45 Section 1

**3 Lightweight profiles**

- Additional cavities help reduce weight
- Profile core offers full load-carrying capacity
- Available in Lines 6, 8 and 12

21 Section 1

**8 Profiles E**

- Exceptionally light due to minimal use of materials
- Profile groove remains fully functional
- Available in Lines 8 and 10

27 Section 1

**4 Profiles 8**

- The standard material for design engineers
- Huge selection of accessories and enhancements
- Robust and strong despite small dimensions

27 Section 1

**9 Profiles 12**

- The strongest profile line in the MB Building Kit System
- Highest load-carrying capacity and maximum tensile loading
- Stable basis for extremely strong frames

47 Section 1

**5 Special materials**

- The alternatives to aluminium – stainless steel or 70 percent wood composite material
- For special applications
- Available as Profiles 8

563 Section 17

## Profiles and accessories Products in this section



### Profiles 5 – modular dimension of 20 mm

- Extremely compact dimensions
- For refined, stable and flexible applications

17



### Profiles 5 – flat cross-sections

- Particularly flat profiles
- Full functionality at a height of just 8.5 to 14 mm

19



### Profiles 5 R

- Closed on two sides, rounded surface
- Available in various angles

20



### Profiles 6 – modular dimension of 30 mm

- The weight-optimised profile line
- Ideal for slimline, robust design

21



### Profiles 6 – flat cross-sections

- Low installation height
- For fastening lightweight components

24



### Profiles 6 R

- Ideal for building protective hoods, frames and tables
- Closed on two sides, rounded surface
- Available in various angles

26



### Profiles 8 – modular dimension of 40 mm

- The universal and robust all-rounder
- Three variants for constructions with optimised load-carrying capacity

27



### Profiles 8 – Line X

- Exceptionally elegant
- Ideal for closed surfaces (cleanroom)

32



### Profiles 8 – flat cross-sections

- Reduced construction height with full groove
- Suitable for use as a frame, support or strut

34



### Bed Plate Profile 8

- For creating panels in any size
- As a cover or fastener

36



### Profiles 8 – 45° Angle

- Elegant connection options for up to three profiles
- Ideal for display cases, tables and systems with an elegant aesthetic appeal

37



### Profiles 8 D

- Large central bore
- Ideal for accommodating shafts, spindles and axles

39



### Profiles 8 W

- Angled profiles for mounting components
- For use as a panel fixing strip

42



### Profiles 8 D40

- Profiles with a cylindrical cross-section
- Covered grooves can be opened up

43



### Profiles 10 – modular dimension of 50 mm

- New line for high-strength constructions
- Particularly secure fastenings

45



**Profiles 10 – flat cross-sections**

- Reduced construction height for space-saving frames and supports
- With full Line 10 groove

46



**Profiles 12 – modular dimension of 60 mm**

- The strongest profile line in the MB system
- For particularly stable, heavy-duty constructions

47



**Solid profiles and profile edging**

- Profiles without grooves for use as grip rails or edging
- For edging any panel elements

50



**Caps**

- Suitable for all profiles
- Made from plastic or metal

52



**Caps for bores**

- Dust-tight seal for profile bores
- Available in two colours

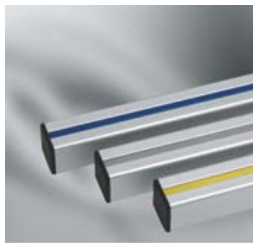
63



**Cover Profiles Al**

- Creates a closed surface
- Covers cables running through the groove

65



**Cover Profiles PP**

- One profile in various colours with two applications
- For covering the profile groove or fixing panel elements in place

66

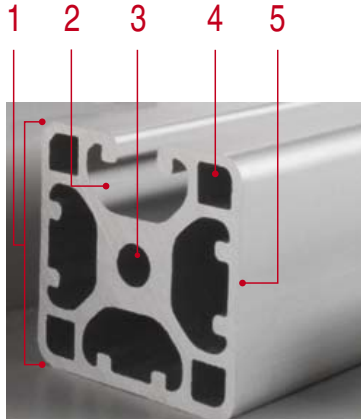


**Note:**

Technical data on the profiles can be found in Section 19.

## Overview – finding the right profile fast

### Key features of the item profiles



#### 1 Modular dimension

Each line is based on square profiles with external dimensions of 20, 30, 40, 50 or 60 mm. Continuous grooves run along all four sides.

#### 4 Lightweight profiles

Additional cavities reduce weight but also lower maximum tensile loading. Lightweight profiles use profile grooves in the relevant modular dimension.

#### 2 Profile groove

The size and load-carrying capacity of the groove increases in line with the modular dimension. Most profile connections are anchored in the groove. The groove also serves as an anchor point for panel elements, etc.

#### 5 Closed grooves

Profile variants with closed surfaces offer more than just aesthetic advantages. They are also easy to clean and eliminate the problem of dirt accumulation in grooves.

#### 3 Core bore

The core bore offers a stable fastening point at the end faces of the profiles. It can also be used as a conduit for compressed air.

#### 6 Line X

Thanks to its smooth, closed outer surfaces, Line X has a particularly elegant appearance. It has the same dimensions as Line 8 and can be used to create dust and dirt-tight constructions.

Side-by-side comparison of the profile lines	1 Modular dimension	2 Max. tensile loading	5 Closed groove	6 Line X
<b>Profiles 5 – the compact profile for precision work</b> 17 <ul style="list-style-type: none"> <li>Extremely compact dimensions</li> <li>For refined, stable and flexible applications</li> </ul>	20 mm	500 N	Yes	No
<b>Profiles 6 – the lightweight alternative</b> 21 <ul style="list-style-type: none"> <li>The weight-optimised profile line</li> <li>Ideal for slimline, robust design</li> </ul>	30 mm	1,750 N	Yes	No
<b>Profiles 8 – the standard material for design engineers</b> 27 <ul style="list-style-type: none"> <li>The universal and robust all-rounder</li> <li>Three variants for constructions with optimised load-carrying capacity</li> </ul>	40 mm	5,000 N	Yes	Yes
<b>Profiles 10 – the added-value profile with increased load-carrying capacity</b> 45 <ul style="list-style-type: none"> <li>The new line for high-strength constructions</li> <li>Reliability against pre-tension losses</li> </ul>	50 mm	7,000 N	No	No
<b>Profiles 12 – the robust option for load-carrying applications</b> 47 <ul style="list-style-type: none"> <li>The strongest profile line in the MB system</li> <li>For particularly stable, heavy-duty frame structures</li> </ul>	60 mm	10,000 N	No	No

Key: See page



## Profiles 5 – modular dimension of 20 mm

The compact profile for precision work

- Extremely compact dimensions
- Available with open or closed grooves
- Low material usage safeguards resources
- For refined, stable and flexible applications



Closed grooves make systems easier to clean and create a more elegant appearance.

Materials used in all the following products:

Al, anodized



### Profile 5 20x20



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> ]
1.80	0.48	0.72	0.72	0.13	0.72	0.72
natural, cut-off max. 6000 mm						0.0.370.03
natural, 1 pce., length 6000 mm						0.0.611.45
natural, 1 pce., length 3000 mm						0.0.448.04
black, cut-off max. 3000 mm						0.0.370.15
black, 1 pce., length 3000 mm						0.0.448.05



### Profile 5 20x20 1N



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> ]
1.85	0.50	0.74	0.77	0.20	0.74	0.74
natural, cut-off max. 3000 mm						0.0.437.74
natural, 1 pce., length 3000 mm						0.0.437.99



### Profile 5 20x20 2N90



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> ]
1.91	0.51	0.78	0.78	0.42	0.76	0.76
natural, cut-off max. 3000 mm						0.0.437.66
natural, 1 pce., length 3000 mm						0.0.464.01



### Profile 5 20x20 2N180



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> ]
1.90	0.51	0.74	0.82	0.32	0.74	0.82
natural, cut-off max. 3000 mm						0.0.437.67
natural, 1 pce., length 3000 mm						0.0.464.02



### Profile 5 20x20 3N



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> ]
1.92	0.52	0.77	0.80	0.64	0.76	0.80
natural, cut-off max. 3000 mm						0.0.464.83
natural, 1 pce., length 3000 mm						0.0.448.33


**Profile 5 40x20**

5

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> ]
3.32	0.89	1.41	5.14	0.97	1.41	2.57
natural, cut-off max. 6000 mm						0.0.370.04
natural, 1 pce., length 6000 mm						0.0.631.00
natural, 1 pce., length 3000 mm						0.0.448.07
black, cut-off max. 3000 mm						0.0.370.16
black, 1 pce., length 3000 mm						0.0.448.08


**Profile 5 40x20 2N**

2

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> ]
3.38	0.91	1.47	5.21	1.41	1.44	2.61
natural, cut-off max. 3000 mm						0.0.437.75
natural, 1 pce., length 3000 mm						0.0.464.03


**Profile 5 40x20 2N180**

5

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> ]
3.38	0.91	1.40	5.46	1.11	1.40	2.73
natural, cut-off max. 3000 mm						0.0.437.76
natural, 1 pce., length 3000 mm						0.0.464.04


**Profile 5 40x20 3N90**

5

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> ]
3.42	0.92	1.48	5.37	1.64	1.44	2.66
natural, cut-off max. 3000 mm						0.0.437.77
natural, 1 pce., length 3000 mm						0.0.464.05


**Profile 5 40x20 4N180**

5

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> ]
3.46	0.93	1.56	5.30	2.17	1.56	2.65
natural, cut-off max. 3000 mm						0.0.437.78
natural, 1 pce., length 3000 mm						0.0.464.06


**Profile 5 40x40**

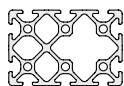
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A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
5.14	1.39	9.30	9.30	5.42	4.65	4.65
natural, cut-off max. 6000 mm						0.0.370.05
natural, 1 pce., length 6000 mm						0.0.448.09


**Profile 5 60x20**

5

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> ]
4.76	1.28	2.06	16.09	1.54	2.06	5.36
natural, cut-off max. 3000 mm						0.0.425.44
natural, 1 pce., length 3000 mm						0.0.448.11


**Profile 5 60x40**

5

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> ]
7.67	2.07	13.52	28.14	8.15	6.76	9.09
natural, cut-off max. 6000 mm						0.0.425.45
natural, 1 pce., length 6000 mm						0.0.448.12


**Profile 5 80x20**

5

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> ]
6.19	1.67	2.72	36.08	2.38	2.72	9.02
natural, cut-off max. 3000 mm						0.0.370.86
natural, 1 pce., length 3000 mm						0.0.448.14





## Profiles 5 – flat cross-sections

- Particularly flat profiles
- Full functionality at a height of just 8.5 to 14 mm
- Suitable as support profiles or anchor points
- For lightweight clamping and mounting surfaces

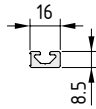


Flat profiles from item can be used to make handles of virtually any length.



High-precision linear slides use profiles with a flat cross-section as carriage profiles.

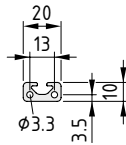
Materials used in all the following products:  
Al, anodized



### Profile 5 16x8.5



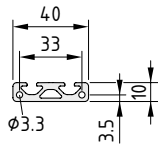
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
0.82	0.22	0.06	0.23	0.04	0.12	0.28
natural, cut-off max. 3000 mm						0.0.265.91
natural, 1 pce., length 3000 mm						0.0.448.02



### Profile 5 20x10



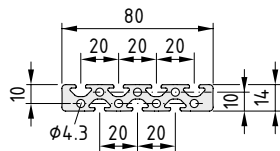
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
1.29	0.35	0.12	0.53	0.07	0.22	0.53
natural, cut-off max. 3000 mm						0.0.391.02
natural, 1 pce., length 3000 mm						0.0.448.03



### Profile 5 40x10



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> ]
2.39	0.65	0.24	3.63	0.27	0.44	1.81
natural, cut-off max. 3000 mm						0.0.391.06
natural, 1 pce., length 3000 mm						0.0.448.06



### Profile 5 80x14



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> ]
6.64	1.79	1.11	40.69	0.86	1.54	10.17
natural, cut-off max. 3000 mm						0.0.370.85
natural, 1 pce., length 3000 mm						0.0.448.13

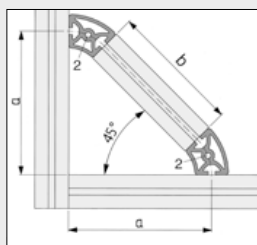


## Profiles 5 R

- Closed on two sides, rounded surface
- External angles of 30°, 45°, 60° and 90° available
- Ideal for building protective hoods and frames

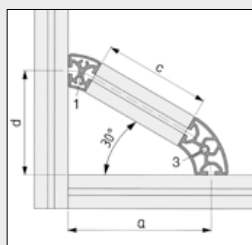


Profiles R can also be used to add bracing to profile constructions. Calculating the appropriate length for the struts is easy.



### Connection at 45°

Profile 2	Profile 5 R20/40-45°
b	$(a - 30) \cdot \sqrt{2}$



### Connection at 30°

Profile 1	Profile 5 R20/40-30°
Profile 3	Profile 5 R20/40-60°
c	$2(a - 30) / \sqrt{3}$
d	$(a - 30) / \sqrt{3} + 30$

### Materials used in all the following products:

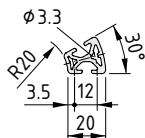
Al, anodized



#### Profile 5 R20-90°



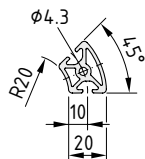
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
1.71	0.46	0.58	0.58	0.41	0.53	0.53
natural, cut-off max. 3000 mm						0.0.425.43
natural, 1 pce., length 3000 mm						0.0.448.19



#### Profile 5 R20/40-30°



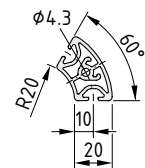
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
1.68	0.45	0.43	0.68	0.22	0.38	0.57
natural, cut-off max. 3000 mm						0.0.425.39
natural, 1 pce., length 3000 mm						0.0.448.15



#### Profile 5 R20/40-45°

2

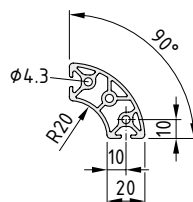
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
2.38	0.64	1.26	0.98	0.43	0.79	0.75
natural, cut-off max. 3000 mm						0.0.425.40
natural, 1 pce., length 3000 mm						0.0.448.16



#### Profile 5 R20/40-60°



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> ]
3.16	0.85	2.48	1.65	1.14	1.31	1.09
natural, cut-off max. 3000 mm						0.0.425.41
natural, 1 pce., length 3000 mm						0.0.448.17



#### Profile 5 R20/40-90°



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> ]
4.38	1.18	5.38	5.38	2.14	2.68	2.68
natural, cut-off max. 3000 mm						0.0.425.42
natural, 1 pce., length 3000 mm						0.0.448.18



## Profiles 6 - modular dimension of 30 mm

### The lightweight alternative

- The weight-optimised profile line
- Ideal for slimline, robust design
- Available with open or closed grooves



Closed grooves are easy to clean and have a particularly elegant appearance. They create functional and attractive display cases, tables and cover hoods.



Materials used in all the following products:

Al, anodized



#### Profile 6 30x30 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> ]	
3.43	0.93	2.90	2.90	0.27	1.94	1.94	
natural, cut-off max. 6000 mm							0.0.419.06
natural, 1 pce., length 6000 mm							0.0.451.07



#### Profile 6 30x30



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> ]	
4.67	1.26	4.15	4.15	0.40	2.77	2.77	
natural, cut-off max. 6000 mm							0.0.419.01
natural, 1 pce., length 6000 mm							0.0.451.03



#### Profile 6 30x30 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> ]	
3.49	0.94	2.91	3.01	0.73	1.94	1.98	
natural, cut-off max. 6000 mm							0.0.439.43
natural, 1 pce., length 6000 mm							0.0.451.04



#### Profile 6 30x30 2N90 light

2

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> ]	
3.54	0.96	3.02	3.02	1.68	1.98	1.98	
natural, cut-off max. 6000 mm							0.0.439.45
natural, 1 pce., length 6000 mm							0.0.451.06



#### Profile 6 30x30 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> ]	
3.54	0.96	2.90	3.14	1.41	1.93	2.09	
natural, cut-off max. 6000 mm							0.0.439.44
natural, 1 pce., length 6000 mm							0.0.451.05



#### Profile 6 30x30 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> ]	
3.60	1.00	3.02	3.14	2.40	1.98	2.09	
natural, cut-off max. 6000 mm							0.0.478.27
natural, 1 pce., length 6000 mm							0.0.451.67


**Profile 6 60x30 light**

6

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> ]
6.13	1.65	5.54	21.22	3.02	3.69	7.07

natural, cut-off max. 6000 mm

0.0.419.07

natural, 1 pce., length 6000 mm

0.0.451.14


**Profile 6 60x30**

6

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	7.92	29.30	4.81	5.28	9.77

natural, cut-off max. 6000 mm

0.0.419.02

natural, 1 pce., length 6000 mm

0.0.451.09


**Profile 6 60x30 2N light**

6

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> ]
6.24	1.68	5.77	21.47	5.32	3.78	7.16

natural, cut-off max. 6000 mm

0.0.439.46

natural, 1 pce., length 6000 mm

0.0.451.10


**Profile 6 60x30 2N180 light**

6

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> ]
6.24	1.69	5.54	22.21	4.03	3.69	7.40

natural, cut-off max. 6000 mm

0.0.439.49

natural, 1 pce., length 6000 mm

0.0.451.11


**Profile 6 60x30 3N90 light**

2

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> ]
6.30	1.70	5.77	21.97	6.26	3.78	7.26

natural, cut-off max. 6000 mm

0.0.439.48

natural, 1 pce., length 6000 mm

0.0.451.12


**Profile 6 60x30 4N180 light**

6

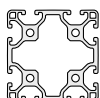
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
6.36	1.72	6.01	21.74	7.88	4.00	7.25

natural, cut-off max. 6000 mm

0.0.439.47

natural, 1 pce., length 6000 mm

0.0.451.13


**Profile 6 60x60 light**

6

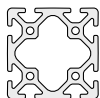
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
10.01	2.70	39.47	39.47	20.43	13.16	13.16

natural, cut-off max. 6000 mm

0.0.419.09

natural, 1 pce., length 6000 mm

0.0.451.16


**Profile 6 60x60**

6

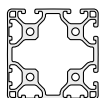
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
13.33	3.60	53.77	53.77	29.27	17.92	17.92

natural, cut-off max. 6000 mm

0.0.419.03

natural, 1 pce., length 6000 mm

0.0.451.15


**Profile 6 60x60 4N90 light**

6

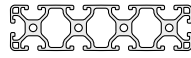
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
10.24	2.76	40.71	40.71	30.18	13.43	13.43

natural, cut-off max. 6000 mm

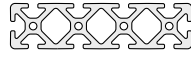
0.0.491.31

natural, 1 pce., length 6000 mm

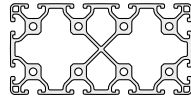
0.0.491.30



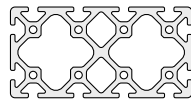
Profile 6 120x30 light							6
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.53	3.11	10.82	152.65	9.29	7.21	25.44	
natural, cut-off max. 6000 mm							0.0.419.08
natural, 1 pce., length 6000 mm							0.0.451.39



Profile 6 120x30							6
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> ]	
16.00	4.32	15.42	210.94	12.23	10.28	35.16	
natural, cut-off max. 6000 mm							0.0.419.04
natural, 1 pce., length 6000 mm							0.0.451.17



Profile 6 120x60 light							6
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> ]	
18.70	5.05	76.61	259.65	62.87	25.54	43.27	
natural, cut-off max. 6000 mm							0.0.419.10
natural, 1 pce., length 6000 mm							0.0.451.19



Profile 6 120x60							6
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> ]	
24.84	6.71	102.71	347.62	84.85	34.24	57.94	
natural, cut-off max. 6000 mm							0.0.419.05
natural, 1 pce., length 6000 mm							0.0.451.18



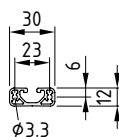
## Profiles 6 – flat cross-sections

- Low installation height
- For fastening lightweight components
- Products from Line X also available



Materials used in all the following products:

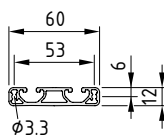
Al, anodized



### Profile 6 30x12 light



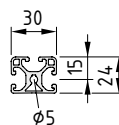
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
1.58	0.43	0.25	1.46	0.11	0.39	0.98
natural, cut-off max. 3000 mm						0.0.478.05
natural, 1 pce., length 3000 mm						0.0.451.63



### Profile 6 60x12 light



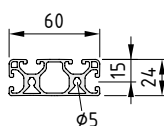
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
2.98	0.81	0.53	10.00	0.48	0.83	3.34
natural, cut-off max. 3000 mm						0.0.478.07
natural, 1 pce., length 3000 mm						0.0.451.65



### Profile 6 30x24 light



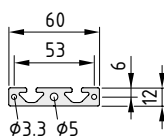
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
2.82	0.76	1.69	2.27	0.20	1.36	1.51
natural, cut-off max. 6000 mm						0.0.608.88
natural, 1 pce., length 6000 mm						0.0.608.87



### Profile 6 60x24 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> ]
4.98	1.34	3.14	17.10	2.46	2.53	5.70
natural, cut-off max. 6000 mm						0.0.608.91
natural, 1 pce., length 6000 mm						0.0.608.90



### Profile X 6 60x12



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> ]
4.82	1.30	0.71	15.56	0.55	1.11	5.18
natural, cut-off max. 3000 mm						0.0.609.32
natural, 1 pce., length 3000 mm						0.0.609.20



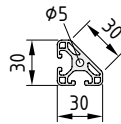
## Profiles 6 – 45° Angle

- Create stylish designs
- For hoods, tables and display cases



item supplies Fastening Set 6 30x30-45° specifically for use with these 45° profiles. It combines two or three profiles to form an attractive right-angled corner unit.

**Fastening Set 6**  
30x30-45°  100



### Profile 6 30x30-45° light

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> ]
3.12	0.84	2.21	2.21	0.72	1.33	1.33
natural, cut-off max. 3000 mm						0.0.434.72
natural, 1 pce., length 3000 mm						0.0.451.08

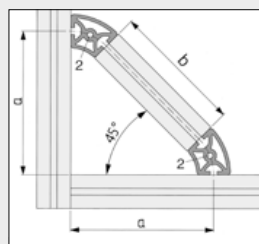


## Profiles 6 R

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

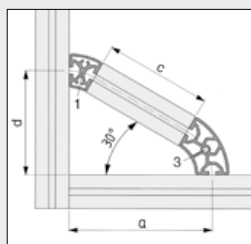


Profiles R can also be used to add bracing to profile constructions. Calculating the appropriate length for the struts is easy.



### Connection at 45°

Profile 2	Profile 6 R30/60-45°
b	$(a-45)\sqrt{2}$

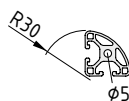


### Connection at 30°

Profile 1	Profile 6 R30/60-30°
Profile 3	Profile 6 R30/60-60°
c	$2(a-45)/\sqrt{3}$
d	$(a-45)/\sqrt{3} + 45$

### Materials used in all the following products:

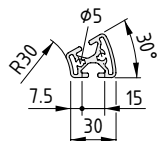
Al, anodized



### Profile 6 R30-90° light

2

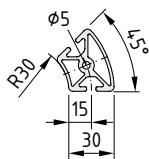
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
3.07	0.83	2.16	2.16	0.83	1.32	1.32
natural, cut-off max. 3000 mm						0.0.434.73
natural, 1 pce., length 3000 mm						0.0.451.20



### Profile 6 R30/60-30°



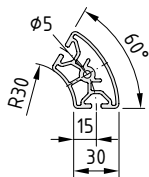
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
3.27	0.88	1.95	2.77	1.01	1.16	1.57
natural, cut-off max. 6000 mm						0.0.459.54
natural, 1 pce., length 6000 mm						0.0.451.62



### Profile 6 R30/60-45°



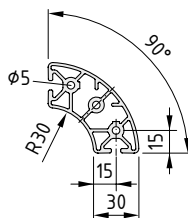
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
4.52	1.22	5.81	4.15	3.93	2.42	2.31
natural, cut-off max. 6000 mm						0.0.459.57
natural, 1 pce., length 6000 mm						0.0.451.64



### Profile 6 R30/60-60°



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> ]
5.28	1.43	10.01	6.34	6.07	3.48	2.86
natural, cut-off max. 6000 mm						0.0.459.35
natural, 1 pce., length 6000 mm						0.0.451.66



### Profile 6 R30/60-90°



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> ]
8.06	2.18	22.94	22.94	14.51	7.57	7.57
natural, cut-off max. 6000 mm						0.0.459.38
natural, 1 pce., length 6000 mm						0.0.451.68





## 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	

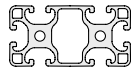

**Profile 8 40x40 4N light**


Profile features easy-to-open groove(s)

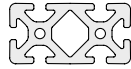
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
6.86	1.86	9.79	9.79	1.12	4.89	4.89	
natural, cut-off max. 6000 mm						0.0.489.11	
natural, 1 pce., length 6000 mm						0.0.488.88	


**Profile 8 80x40 E**

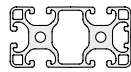

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.93	2.42	15.15	57.81	8.77	7.58	14.45	
natural, cut-off max. 6000 mm						7.0.000.26	
natural, 1 pce.,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



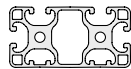
Profile 8 80x40 light							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.38	3.04	16.60	69.54	10.05	8.30	17.38	
natural, cut-off max. 6000 mm							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



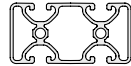
Profile 8 80x40							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
16.76	4.53	26.87	101.19	20.84	13.44	25.29	
natural, cut-off max. 6000 mm							0.0.026.04
natural, 1 pce., length 6000 mm							0.0.452.95
natural, 1 pce., length 3000 mm							0.0.452.94



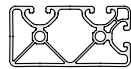
Profile 8 80x40 1N light							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.53	3.11	16.92	72.13	12.50	8.46	17.81	
natural, cut-off max. 6000 mm							0.0.607.75
natural, 1 pce., length 6000 mm							0.0.607.26



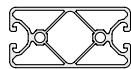
Profile 8 80x40 2N light							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.60	3.13	17.73	70.87	18.51	8.63	17.72	
natural, cut-off max. 6000 mm							0.0.422.75
natural, 1 pce., length 6000 mm							0.0.452.97



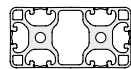
Profile 8 80x40 2N180 E							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.44	2.28	15.85	54.51	21.82	7.93	13.63	
natural, cut-off max. 6000 mm							7.0.000.23
natural, 1 pce., length 6000 mm							0.0.452.98



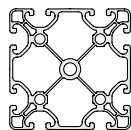
Profile 8 80x40 3N90 E							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.24	2.22	15.32	54.69	16.53	7.51	13.40	
natural, cut-off max. 6000 mm							7.0.000.20
natural, 1 pce., length 6000 mm							0.0.452.99



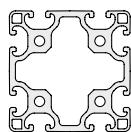
Profile 8 80x40 4N180 E							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.04	2.17	15.12	55.41	11.89	7.56	13.85	
natural, cut-off max. 6000 mm							7.0.000.17
natural, 1 pce., length 6000 mm							0.0.452.34



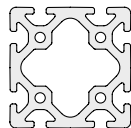
Profile 8 80x40 6N light							
Profile features easy-to-open groove(s)							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
11.87	3.20	18.09	74.31	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



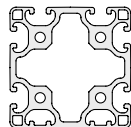
Profile 8 80x80 E							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
14.86	4.01	100.69	100.69	46.35	25.17	25.17	
natural, cut-off max. 6000 mm							7.0.000.29
natural, 1 pce., length 6000 mm							0.0.453.01


**Profile 8 80x80 light**

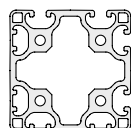

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
19.75	5.33	134.06	134.06	82.91	33.51	33.51	
natural, cut-off max. 6000 mm							0.0.265.80
natural,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


**Profile 8 80x80**

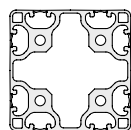

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
26.66	7.19	187.70	187.70	136.98	46.92	46.92	
natural, cut-off max. 6000 mm							0.0.026.27
natural,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


**Profile 8 80x80 2N light**

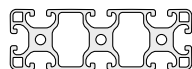

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
20.08	5.42	139.00	135.00	104.97	34.25	33.68	
natural, cut-off max. 6000 mm							0.0.457.52
natural,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


**Profile 8 80x80 4N90 light**

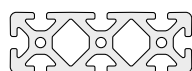

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
20.39	5.50	140.00	140.00	122.46	34.48	34.48	
natural, cut-off max. 6000 mm							0.0.457.59
natural,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


**Profile 8 80x80 8N light**

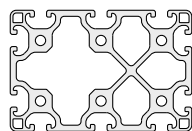

Profile features easy-to-open groove(s)							
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
19.43	5.25	134.24	134.24	82.91	33.56	33.56	
natural,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


**Profile 8 120x40 light**

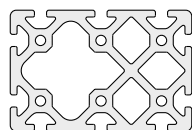

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
16.12	4.35	24.22	220.54	18.14	12.11	36.76	
natural, cut-off max. 6000 mm							0.0.416.66
natural, 1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


**Profile 8 120x40**

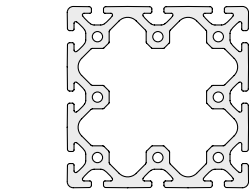

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
24.38	6.58	39.80	322.66	35.15	19.90	53.77	
natural, cut-off max. 6000 mm							0.0.416.29
natural, 1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


**Profile 8 120x80 light**

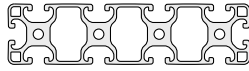

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
30.13	8.13	201.89	421.67	128.39	50.47	68.34	
natural, cut-off max. 6000 mm							0.0.416.65
natural,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


**Profile 8 120x80**

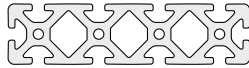

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
40.05	10.81	274.86	574.86	255.63	68.71	92.72	
natural, cut-off max. 6000 mm							0.0.416.30
natural,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



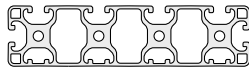
Profile 8 120x120							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
45.92	12.39	798.83	798.83	510.00	133.13	133.13	
natural, cut-off max. 6000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



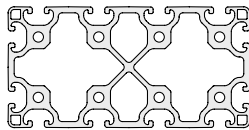
Profile 8 160x40 light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
20.90	5.64	31.81	500.32	29.19	15.90	62.54	
natural, cut-off max. 6000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



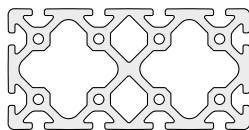
Profile 8 160x40							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
32.00	8.64	52.72	739.62	51.34	26.36	92.45	
natural, cut-off max. 6000 mm		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



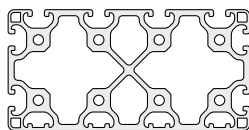
Profile 8 160x40 4N light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
21.50	5.80	33.90	512.66	55.98	16.52	64.08	
natural, cut-off max. 6000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



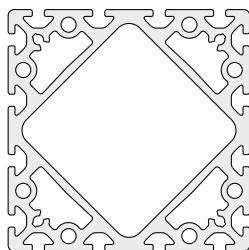
Profile 8 160x80 light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
37.80	10.21	267.07	907.88	261.72	66.77	113.48	
natural, cut-off max.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



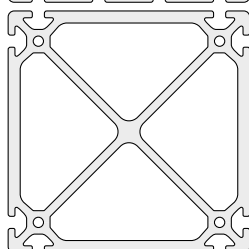
Profile 8 160x80							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
50.07	13.52	360.89	1,228.33	398.58	90.22	153.54	
natural, cut-off max. 6000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



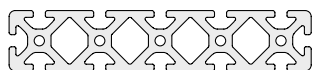
Profile 8 160x80 4N light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
38.34	10.35	275.91	919.80	315.79	68.97	114.97	
natural, cut-off max.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



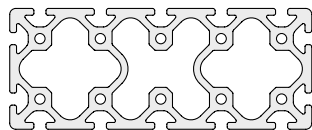
Profile 8 160x160							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
74.20	20.04	2,355.00	2,355.00	2,500.00	294.40	294.40	
natural, cut-off max. 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**

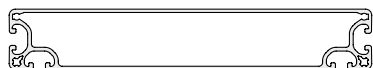
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
39.60	10.69	65.62	1,411.47	65.00	32.81	141.14
natural, cut-off max. 6000 mm						0.0473.82
natural, 1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

**Profile 8 200x80**

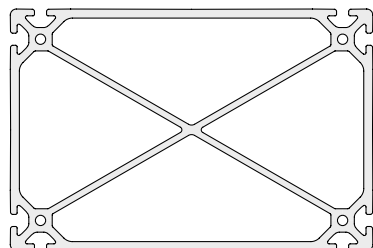
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
55.74	15.05	427.59	2,181.99	470.00	106.90	218.20
natural, cut-off max. 6000 mm						0.0483.35
natural,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

**Profile 8 240x40**

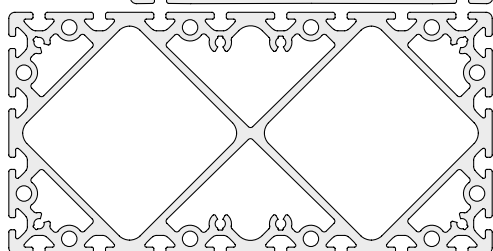
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
47.21	12.69	78.54	2,400.72	80.00	39.27	200.22
natural, cut-off max. 6000 mm						0.0473.84
natural, 1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

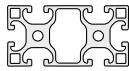


Profile features easy-to-open groove(s)

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



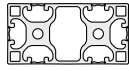
**Profile X 8 80x40 light**



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**

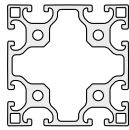


Profile features easy-to-open groove(s)

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



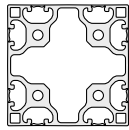
**Profile X 8 80x80 light**



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

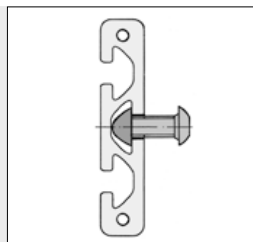
- Full groove despite low construction height
- For attaching elements
- Suitable for use as a frame, support or strut



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



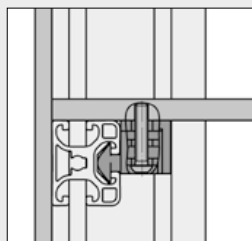
Profiles 8 80x16 and 160x28 are suitable for building the sliding carriages of roller guides 8 D6 and D14.



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



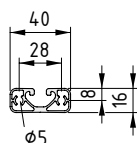
Profile 8 160x28 can also be used as a clamping and mounting surface or edgewise as a heavy-duty supporting profile.



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:

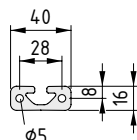
Al, anodized



### Profile 8 40x16 E



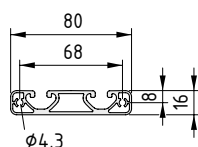
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
2.24	0.60	0.64	3.34	0.35	0.78	1.67
natural, cut-off max. 3000 mm						7.0.000.01
natural, 1 pce., length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

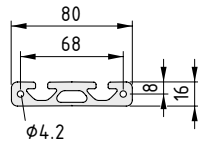


### Profile 8 80x16 E

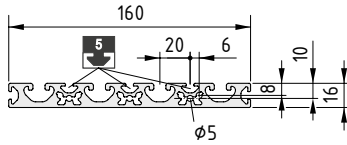


A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
4.86	1.31	1.49	29.28	1.53	1.78	7.32
natural, cut-off max. 3000 mm						7.0.000.15
natural, 1 pce., length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

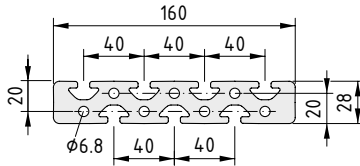




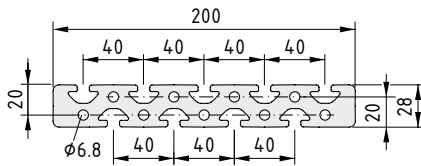
Profile 8 80x16							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
8.13	2.20	2.15	50.76	2.20	2.69	12.69	
natural, cut-off max. 3000 mm							0.0.364.72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



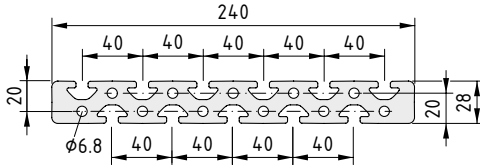
Profile 8 160x16							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
13.88	3.75	3.80	307.83	2.37	4.25	38.48	
natural, cut-off max. 3000 mm					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



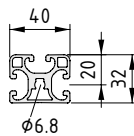
Profile 8 160x28							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
31.07	8.39	20.49	726.82	21.81	14.33	90.85	
natural, cut-off max. 6000 mm		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



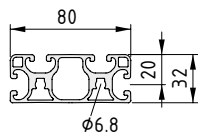
Profile 8 200x28							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
38.39	10.37	25.37	1,383.53	25.00	17.74	138.35	
natural, cut-off max. 6000 mm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

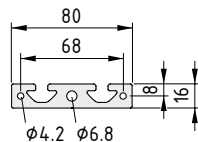


Profile 8 40x32 light							8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
4.97	1.34	5.06	7.19	0.81	3.14	3.59	
natural, cut-off max. 6000 mm				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

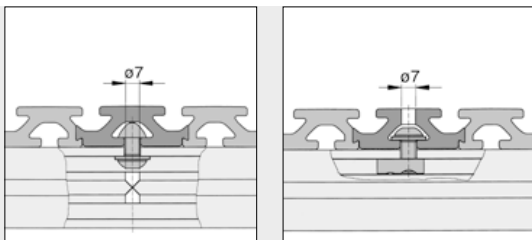


Profile X 8 80x16							Line 8
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
9.23	2.49	2.33	52.01	2.27	2.74	13.00	
natural, cut-off max. 3000 mm	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



## Bed Plate Profile 8

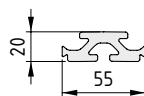
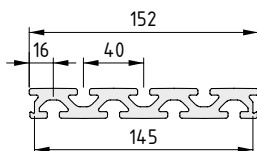
- For creating panels in any size
- Can be fastened to all types of substructures



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						0.0.465.79
natural, 1 pce., length 6000 mm						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						0.0.465.80
natural, 1 pce., length 6000 mm						0.0.454.11



## Profiles 8 – 45° Angle

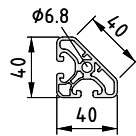
- Connect up to three profiles
- For sophisticated tables, display cases and systems



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

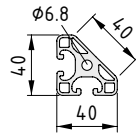
Fastening Set 8 40x40-45° #

Materials used in all the following products:  
Al, anodized



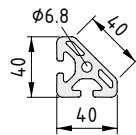
### Profile 8 40x40-45° E

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



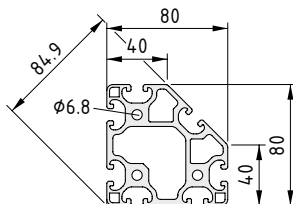
### Profile 8 40x40-45° light

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



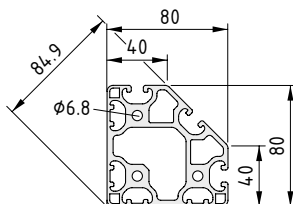
### Profile 8 40x40-45°

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



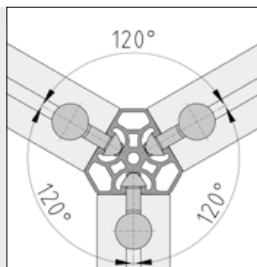
### Profile 8 80x80-45° 4N90 light

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

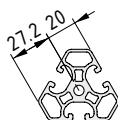


## Profiles 8 – 120° Angle

- 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

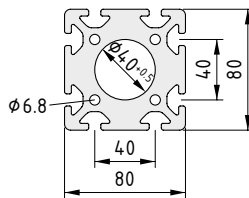
- With large central bore
- Ideal for the mounting of bearings
- Ideal for accommodating shafts, spindles and axles



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:

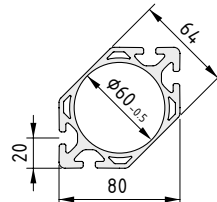
Al, anodized



### Profile 8 80x80 D40



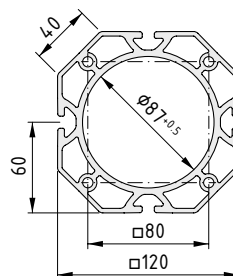
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
37.20	10.04	222.00	222.00	189.65	55.50	55.50	
natural, cut-off max. 3000 mm							0.0.408.28
natural,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

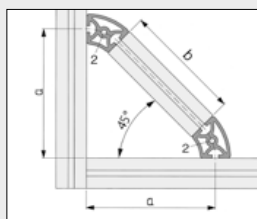


## Profiles 8 R

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

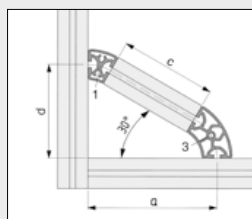


Profiles R can also be used to add bracing to profile constructions. Calculating the appropriate length for the struts is easy.



### Connection at 45°

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

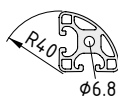


### Connection at 30°

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

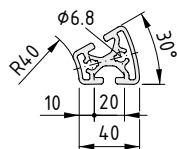
### Materials used in all the following products:

Al, anodized



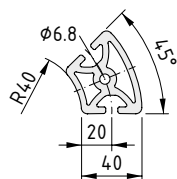
#### Profile 8 R40-90° light

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	



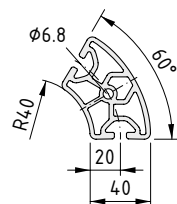
#### Profile 8 R40/80-30°

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	



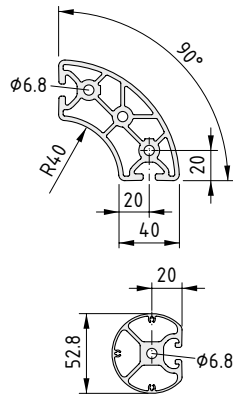
#### Profile 8 R40/80-45°

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°**



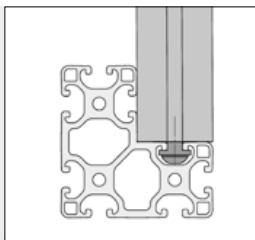
Al, anodized

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

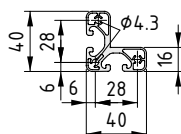
- Angled profiles with grooves
- For use as panel fixing strips
- For supporting shelves



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:

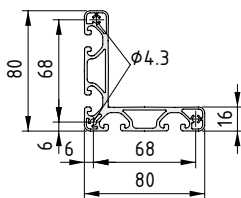
Al, anodized



### Profile 8 W40x40 E



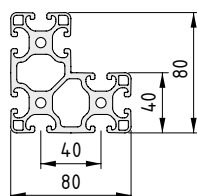
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
4.09	1.10	5.40	5.40	0.71	2.22	2.22
natural, cut-off max. 3000 mm						7.0.001.10
natural, 1 pce., length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



## 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



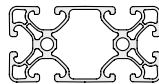
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
8.47	2.29	20.34	20.34	3.00	8.14	8.14
natural, cut-off max. 6000 mm						0.0.624.93
natural, 1 pce., length 6000 mm						0.0.624.92



### Profile 10 50x50



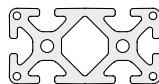
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
13.31	3.59	30.68	30.68	4.50	12.27	12.27
natural, cut-off max. 6000 mm						0.0.624.52
natural, 1 pce., length 6000 mm						0.0.624.51



### Profile 10 100x50 E



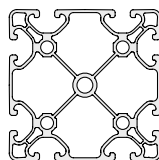
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
13.40	3.62	36.40	143.75	18.00	14.56	28.75
natural, cut-off max. 6000 mm						0.0.625.14
natural, 1 pce., length 6000 mm						0.0.625.13



### Profile 10 100x50



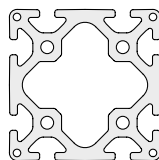
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
24.70	6.67	61.28	227.47	45.00	24.51	45.49
natural, cut-off max. 6000 mm						0.0.624.60
natural, 1 pce., length 6000 mm						0.0.624.59



### Profile 10 100x100 E



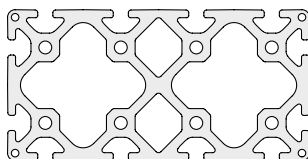
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
21.74	5.87	237.98	237.98	90.00	47.60	47.60
natural, cut-off max. 6000 mm						0.0.625.18
natural, 1 pce., 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

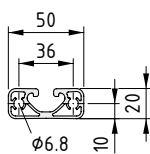


## Profile 10 50x20 E

- 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.

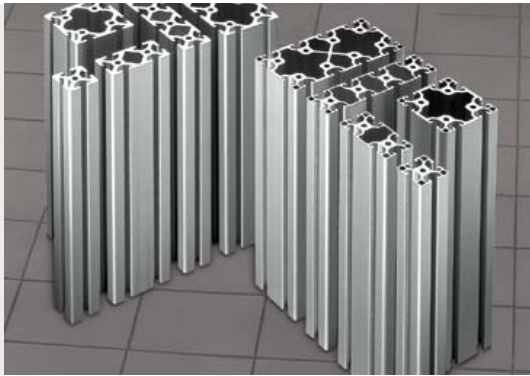


### Profile 10 50x20 E



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



## Profiles 12 – modular dimension of 60 mm

**The robust option for load-carrying applications**

- The strongest profile line in the MB system
- Exceptional reliability against pre-tension losses
- Tensile loading up to 10,000 N per screw connection
- For particularly stable, heavy-duty frame structures



Materials used in all the following products:

Al, anodized



### Profile 12 60x60 light



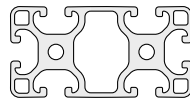
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
14.50	3.91	46.02	46.02	5.00	15.36	15.36
natural, cut-off max. 6000 mm						0.0.001.16
natural, 1 pce., length 6000 mm						0.0.001.06



### Profile 12 60x60



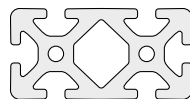
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
20.60	5.55	70.50	70.50	10.00	23.50	23.50
natural, cut-off max. 6000 mm						0.0.001.11
natural, 1 pce., length 6000 mm						0.0.001.01



### Profile 12 120x60 light



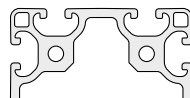
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
26.15	7.10	88.15	355.50	50.00	29.40	59.40
natural, cut-off max. 6000 mm						0.0.001.17
natural, 1 pce., length 6000 mm						0.0.001.07



### Profile 12 120x60



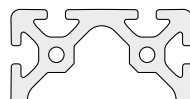
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
37.58	10.15	135.40	509.70	105.00	45.10	85.10
natural, cut-off max. 6000 mm						0.0.001.12
natural, 1 pce., length 6000 mm						0.0.001.02



### Profile 12 120x120 light



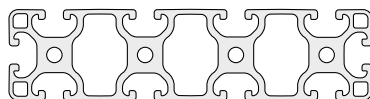
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
44.45	12.00	679.60	679.60	410.00	113.50	113.50
natural, cut-off max. 6000 mm						0.0.001.18
natural, 1 pce., length 6000 mm						0.0.001.28



### Profile 12 120x120



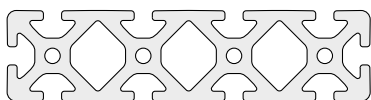
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
60.40	16.30	948.00	948.00	690.00	159.00	159.00
natural, cut-off max. 6000 mm						0.0.001.13
natural, 1 pce., length 6000 mm						0.0.001.23



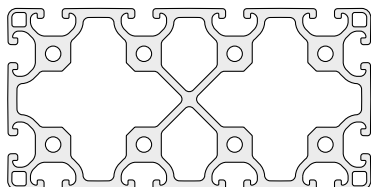
### Profile 12 240x60 light



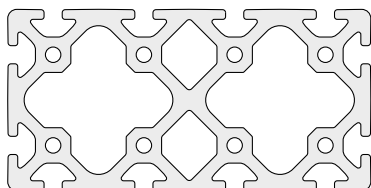
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
49.10	13.25	170.65	2,585.50	140.00	57.02	215.90
natural, cut-off max. 6000 mm						0.0.001.20
natural, 1 pce., length 6000 mm						0.0.001.30

**Profile 12 240x60**

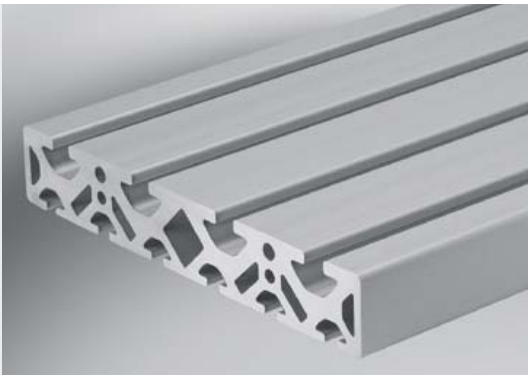
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	I <sub>t</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]	
72.60	19.60	269.38	3,777.20	250.00	89.60	314.80	
natural, cut-off max. 6000 mm							0.0.001.15
natural, 1 pce., length 6000 mm							0.0.001.25

**Profile 12 240x120 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> ]	
83.60	22.60	1,329.50	4,529.80	1,320.00	221.80	378.10	
natural, cut-off max. 6000 mm							0.0.001.19
natural, 1 pce., length 6000 mm							0.0.001.29

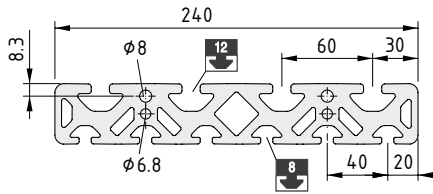
**Profile 12 240x120**

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> ]	
112.00	30.24	1,815.20	6,168.90	2,010.00	302.00	514.10	
natural, cut-off max. 6000 mm							0.0.001.14
natural, 1 pce., length 6000 mm							0.0.001.24



## Profile 12/8 240x40

- Special profile with Line 8 and 12 grooves
- For building carriages for linear slides



Profile 12/8 240x40



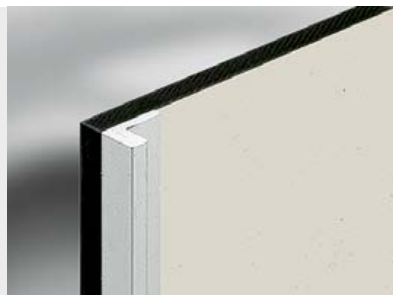
Al, anodized

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> ]	
57.94	15.70	83.90	2,904.15	57.22	41.60	242.15	
natural, cut-off max. 6000 mm							0.0.001.04
natural, 1 pce., length 6000 mm							0.0.001.03



## Solid profiles and profile edging

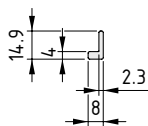
- Profiles without grooves
- Used as edging or grip rails
- For edging any panel elements
- For special constructions of all types



Can be used as a grip rail or edging and for stabilising panel elements.

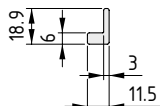
### Materials used in all the following products:

Al, anodized



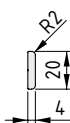
#### Profile Edging 15x8

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> ]
0.56	0.15	0.09	0.16	0.16	0.17
natural, cut-off max. 6000 mm					0.0.431.16
natural, 1 pce., length 6000 mm					0.0.453.43



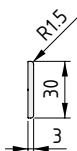
#### Profile Edging 19x11.5

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> ]
1.14	0.30	0.41	0.13	0.30	0.17
natural, cut-off max. 6000 mm					0.0.196.30
natural, 1 pce., length 6000 mm					0.0.453.45



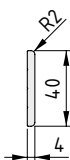
#### Profile M 20x4 E

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
0.78	0.21	0.24	0.01	0.24	0.05
natural, cut-off max. 2000 mm					7.0.001.14
natural, 1 pce., length 2000 mm					7.0.002.62



#### Profile M 30x3 E

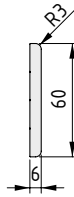
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
0.89	0.24	0.01	0.65	0.01	4.30
natural, cut-off max. 2000 mm					0.0.609.60
natural, 1 pce., length 2000 mm					0.0.609.59



#### Profile M 40x4 E

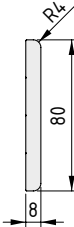
A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
1.57	0.42	2.06	0.02	1.03	0.10
natural, cut-off max. 2000 mm					7.0.001.18
natural, 1 pce., length 2000 mm					7.0.002.66





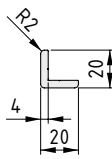
**Profile M 60x6 E**

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
3.56	0.96	0.10	10.46	0.35	3.49
natural, cut-off max. 2000 mm					0.0.609.62
natural, 1 pce., length 2000 mm					0.0.609.61



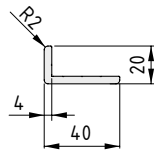
**Profile M 80x8 E**

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
6.32	1.70	33.05	0.33	8.26	0.81
natural, cut-off max. 2000 mm					7.0.001.22
natural, 1 pce., length 2000 mm					7.0.002.67



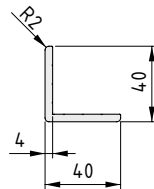
**Profile M W20x20x4 E**

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
1.41	0.38	0.48	0.48	0.35	0.35
natural, cut-off max. 2000 mm					7.0.001.26
natural, 1 pce., length 2000 mm					7.0.002.68



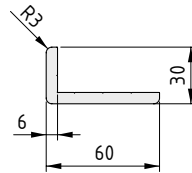
**Profile M W40x20x4 E**

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
2.21	0.59	0.59	3.52	0.38	1.40
natural, cut-off max. 2000 mm					7.0.001.28
natural, 1 pce., length 2000 mm					7.0.002.69



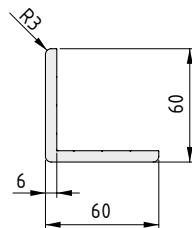
**Profile M W40x40x4 E**

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
3.01	0.81	4.51	4.51	1.58	1.58
natural, cut-off max. 2000 mm					7.0.001.30
natural, 1 pce., length 2000 mm					7.0.002.70



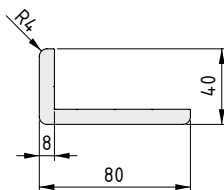
**Profile M W60x30x6 E**

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
4.98	1.34	8.73	18.82	3.84	4.99
natural, cut-off max. 2000 mm					0.0.609.64
natural, 1 pce., length 2000 mm					0.0.609.63



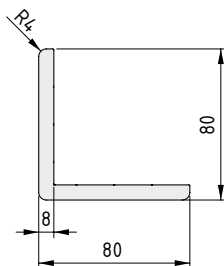
**Profile M W60x60x6 E**

A [cm <sup>2</sup> ]	m [kg/m]	I <sub>x</sub> [cm <sup>4</sup> ]	I <sub>y</sub> [cm <sup>4</sup> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
6.78	1.83	22.86	22.86	5.34	5.34
natural, cut-off max. 2000 mm					0.0.609.66
natural, 1 pce., length 2000 mm					0.0.609.65



**Profile M W80x40x8 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> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
8.85	2.39	9.48	56.54	3.12	11.25
natural, cut-off max. 2000 mm					7.0.001.32
natural, 1 pce., length 2000 mm					7.0.002.71



**Profile M W80x80x8 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> ]	W <sub>x</sub> [cm <sup>3</sup> ]	W <sub>y</sub> [cm <sup>3</sup> ]
12.05	3.25	72.27	72.27	12.66	12.66
natural, cut-off max. 2000 mm					7.0.001.34
natural, 1 pce., length 2000 mm					7.0.002.72



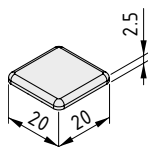
## Caps for Profiles in modular dimensions

- Robust Caps made from glass-fibre-reinforced plastic
- Vibration-proof and temperature-resistant
- Protection against sharp cut edges
- Numerous designs also available in grey
- Products from Line X also available


















Materials used in all the following products:

PA-GF



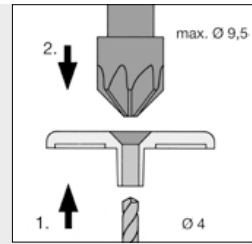
<b>Cap 5 20x20</b>	<b>5</b>
a = 20 mm    b = 20 mm    c = 2.5 mm    m = 1.2 g	
black, 1 pce.	0.0.370.09
<b>Cap 5 40x20</b>	<b>5</b>
a = 40 mm    b = 20 mm    c = 2.5 mm    m = 2.2 g	
black, 1 pce.	0.0.370.11
<b>Cap 5 40x40</b>	<b>5</b>
a = 40 mm    b = 40 mm    c = 2.5 mm    m = 5.0 g	
black, 1 pce.	0.0.370.13
<b>Cap 5 60x20</b>	<b>5</b>
a = 60 mm    b = 20 mm    c = 2.5 mm    m = 3.3 g	
black, 1 pce.	0.0.425.53
<b>Cap 5 60x40</b>	<b>5</b>
a = 60 mm    b = 40 mm    c = 2.5 mm    m = 7.0 g	
black, 1 pce.	0.0.425.56
<b>Cap 5 80x20</b>	<b>5</b>
a = 80 mm    b = 20 mm    c = 2.5 mm    m = 4.4 g	
black, 1 pce.	0.0.370.92
<b>Cap 6 30x30</b>	<b>6</b>
a = 30 mm    b = 30 mm    c = 3.0 mm    m = 2.6 g	
black, 1 pce.	0.0.419.22
<b>Cap 6 60x30</b>	<b>6</b>
a = 60 mm    b = 30 mm    c = 3.0 mm    m = 5.2 g	
black, 1 pce.	0.0.419.23
<b>Cap 6 60x60</b>	<b>6</b>
a = 60 mm    b = 60 mm    c = 3.0 mm    m = 9.4 g	
black, 1 pce.	0.0.419.24
<b>Cap 6 120x30</b>	<b>6</b>
a = 120 mm    b = 30 mm    c = 3.0 mm    m = 10.2 g	
black, 1 pce.	0.0.419.25
<b>Cap 6 120x60</b>	<b>6</b>
a = 120 mm    b = 60 mm    c = 3.0 mm    m = 20.8 g	
black, 1 pce.	0.0.419.26

<b>Cap 8 40x40</b>				
a = 40 mm	b = 40 mm	c = 4.0 mm	m = 4.8 g	
black, 1 pce.				0.0.026.01
grey similar to RAL 7042, 1 pce.				0.0.627.16
<b>Cap 8 80x40</b>				
a = 80 mm	b = 40 mm	c = 4.0 mm	m = 9.6 g	
black, 1 pce.				0.0.026.02
grey similar to RAL 7042, 1 pce.				0.0.627.18
<b>Cap 8 80x80</b>				
a = 80 mm	b = 80 mm	c = 4.0 mm	m = 19.4 g	
black, 1 pce.				0.0.026.37
grey similar to RAL 7042, 1 pce.				0.0.627.20
<b>Cap 8 120x40</b>				
a = 120 mm	b = 40 mm	c = 4.0 mm	m = 15.2 g	
black, 1 pce.				0.0.418.54
grey similar to RAL 7042, 1 pce.				0.0.627.27
<b>Cap 8 120x80</b>				
a = 120 mm	b = 80 mm	c = 4.0 mm	m = 30.4 g	
black, 1 pce.				0.0.418.57
grey similar to RAL 7042, 1 pce.				0.0.627.28
<b>Cap 8 120x120</b>				
a = 120 mm	b = 120 mm	c = 4.0 mm	m = 43.4 g	
black, 1 pce.				0.0.609.88
<b>Cap 8 160x40</b>				
a = 160 mm	b = 40 mm	c = 4.0 mm	m = 21.4 g	
black, 1 pce.				0.0.265.39
grey similar to RAL 7042, 1 pce.				0.0.627.30
<b>Cap 8 160x80</b>				
a = 160 mm	b = 80 mm	c = 4.0 mm	m = 37.0 g	
black, 1 pce.				0.0.265.40
grey similar to RAL 7042, 1 pce.				0.0.627.31
<b>Cap 8 200x40</b>				
a = 200 mm	b = 40 mm	c = 4.0 mm	m = 29.0 g	
black, 1 pce.				0.0.474.01
<b>Cap 8 200x80</b>				
a = 200 mm	b = 80 mm	c = 4.0 mm	m = 60.0 g	
black, 1 pce.				0.0.485.94
<b>Cap 8 240x40</b>				
a = 240 mm	b = 40 mm	c = 4.0 mm	m = 36.0 g	
black, 1 pce.				0.0.474.04
<b>Cap 8 40x40 N</b>				
a = 40 mm	b = 40 mm	c = 4.0 mm	m = 9.0 g	
1 set				0.0.624.47

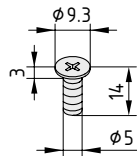
							
<b>Cap X 8 40x40</b>							
a = 40 mm	b = 40 mm	c = 2.0 mm	m = 5.0 g				
grey similar to RAL 7042, 1 pce.						0.0.489.60	
<b>Cap X 8 80x40</b>							
a = 80 mm	b = 40 mm	c = 2.0 mm	m = 8.0 g				
grey similar to RAL 7042, 1 pce.						0.0.489.61	
<b>Cap X 8 80x80</b>							
a = 80 mm	b = 80 mm	c = 2.0 mm	m = 16.0 g				
grey similar to RAL 7042, 1 pce.						0.0.489.98	
<b>Cap 10 50x50</b>							
a = 50 mm	b = 50 mm	c = 5.0 mm	m = 8.5 g				
black, 1 pce.						0.0.625.09	
grey similar to RAL 7042, 1 pce.						0.0.632.25	
<b>Cap 10 100x50</b>							
a = 100 mm	b = 50 mm	c = 5.0 mm	m = 18.0 g				
black, 1 pce.						0.0.625.10	
grey similar to RAL 7042, 1 pce.						0.0.632.26	
<b>Cap 10 100x100</b>							
a = 100 mm	b = 100 mm	c = 5.0 mm	m = 36.0 g				
black, 1 pce.						0.0.625.11	
grey similar to RAL 7042, 1 pce.						0.0.632.27	
<b>Cap 10 200x100</b>							
a = 200 mm	b = 100 mm	c = 5.0 mm	m = 87.0 g				
black, 1 pce.						0.0.625.12	
grey similar to RAL 7042, 1 pce.						0.0.632.28	
<b>Cap 12 60x60</b>							
a = 60 mm	b = 60 mm	c = 6.0 mm	m = 14.7 g				
black, 1 pce.						0.0.005.01	
<b>Cap 12 120x60</b>							
a = 120 mm	b = 60 mm	c = 6.0 mm	m = 28.0 g				
black, 1 pce.						0.0.005.02	
<b>Cap 12 120x120</b>							
a = 120 mm	b = 120 mm	c = 6.0 mm	m = 54.0 g				
black, 1 pce.						0.0.005.03	
<b>Cap 12 240x60</b>							
a = 240 mm	b = 60 mm	c = 6.0 mm	m = 54.0 g				
black, 1 pce.						0.0.005.05	
<b>Cap 12 240x120</b>							
a = 240 mm	b = 120 mm	c = 6.0 mm	m = 106.0 g				
black, 1 pce.						0.0.005.04	



Screw for reinforcing the retention force of Caps 8 (PA-GF) in the core bores of Profiles 8.



The machining required is limited to counter boring and countersinking of the Caps.



**Fastening Screw 8 5x14**



St  
m = 1.6 g  
black, 1 pce.

0.0.427.08

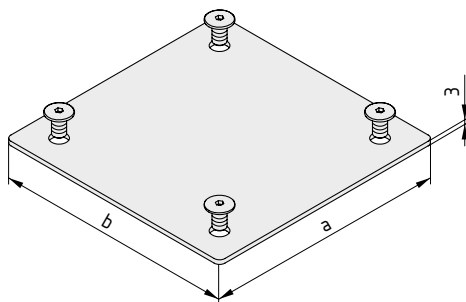


**Caps 8 St**

- Robust steel plates
- Screws ensure a secure hold
- Closes large Profiles 8



Caps Zn and St must be secured with screws into the profile core bore. Plastic caps can also be secured in this way if desired.



**Cap 8 160x160**



St  
4 dome-head screws M8x14, St  
a = 160 mm    b = 160 mm    m = 624.0 g  
black, 1 set

0.0.475.15

**Cap 8 240x160**



St  
4 dome-head screws M8x14, St  
a = 240 mm    b = 160 mm    m = 907.0 g  
black, 1 set

0.0.475.16

**Cap 8 320x160**



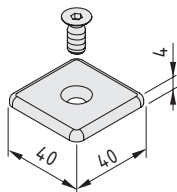
St  
4 dome-head screws M8x14, St  
a = 320 mm    b = 160 mm    m = 1.2 kg  
black, 1 set

0.0.476.64



## Cap 8 40x40, rubber coated

- Steel cap with rubber coating
- Closes and cushions at the same time
- With self-tapping screw for rapid installation



### Cap 8 40x40, rubber coated

Steel plate, coated, NBR 80 Sh A  
Countersunk Screw 8 SF M7.1, St, black  
m = 24.0 g

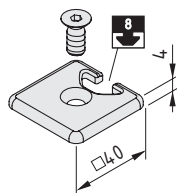
black, 1 set

0.0.626.90



## Cap 8 40x40 N

- Safely cover profile ends
- One groove stays open
- T-Slot Nut F can be used to secure the groove
- With self-tapping screw for rapid installation



### Cap 8 40x40 N

PA-GF  
Countersunk Screw 8 SF M7.1, St  
m = 9.0 g

black, 1 set

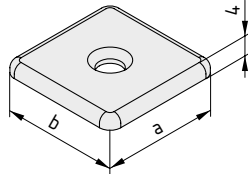
0.0.624.47





## Caps 8 Zn

- Sturdy caps made from zinc
- Screws ensure a secure hold
- Closes Profiles 8 and protects against impacts



### Cap 8 40x40 Zn



Die-cast zinc  
 a = 40 mm      b = 40 mm      m = 26.0 g

black, 1 pce. 0.0.427.09

### Cap 8 80x40 Zn



Die-cast zinc  
 a = 80 mm      b = 40 mm      m = 49.0 g

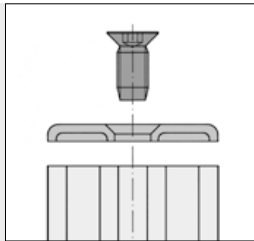
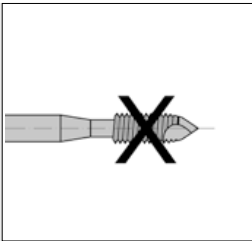
black, 1 pce. 0.0.427.11

### Cap 8 80x80 Zn

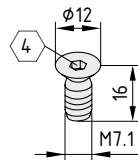


Die-cast zinc  
 a = 80 mm      b = 80 mm      m = 96.0 g

black, 1 pce. 0.0.427.13



Self-threading screw for securing Caps Zn in the core bore of Profiles 8.



### Countersunk Screw 8 SF M7.1



St  
 Slide coating  
 Head shape to DIN 7991 (M6)  
 m = 4.3 g

black, 1 pce. 0.0.428.05



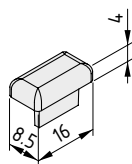
## Caps for Flat Cross-Sections

- Simply push in to safely cover cut edges
- Neatly close side areas and end faces
- Suitable for profiles with flat cross-sections
- Products from Line X also available



Materials used in all the following products:

PA-GF

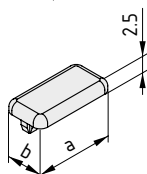


Cap 5 16x8.5

m = 0.7 g

black, 1 pce.

0.0.364.60



Cap 5 20x10

a = 20 mm    b = 10 mm    m = 0.6 g

black, 1 pce.

0.0.391.12

Cap 5 40x10

a = 40 mm    b = 10 mm    m = 1.0 g

black, 1 pce.

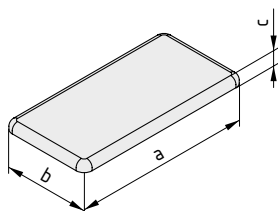
0.0.391.14

Cap 5 80x14

a = 80 mm    b = 14 mm    m = 3.4 g

black, 1 pce.

0.0.370.91



Cap 6 30x12

a = 30 mm    b = 12 mm    c = 3.0 mm    m = 1.0 g

black, 1 pce.

0.0.478.09

Cap 6 30x24

a = 30 mm    b = 24 mm    c = 3.0 mm    m = 2.2 g

black, 1 pce.

0.0.610.29

Cap 6 60x12

a = 60 mm    b = 12 mm    c = 3.0 mm    m = 2.0 g

black, 1 pce.

0.0.478.11

















Cap 6 60x24

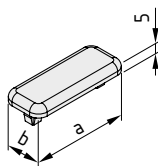
a = 60 mm    b = 24 mm    c = 3.0 mm    m = 4.3 g

black, 1 pce.

0.0.610.30



<b>Cap 8 40x16</b> 			
a = 40 mm	b = 16 mm	c = 4.0 mm	m = 2.5 g
black, 1 pce.			0.0.026.79
grey similar to RAL 7042, 1 pce.			0.0.627.21
<b>Cap 8 40x32</b> 			
a = 40 mm	b = 32 mm	c = 4.0 mm	m = 4.1 g
black, 1 pce.			0.0.610.23
<b>Cap 8 80x16</b> 			
a = 80 mm	b = 16 mm	c = 4.0 mm	m = 4.6 g
black, 1 pce.			0.0.265.98
grey similar to RAL 7042, 1 pce.			0.0.627.25
<b>Cap 8 80x32</b> 			
a = 80 mm	b = 32 mm	c = 4.0 mm	m = 8.5 g
black, 1 pce.			0.0.610.22
<b>Cap 8 160x16</b> 			
a = 160 mm	b = 16 mm	c = 4.0 mm	m = 8.6 g
black, 1 pce.			0.0.373.00
<b>Cap 8 160x28</b> 			
a = 160 mm	b = 28 mm	c = 4.0 mm	m = 16.1 g
black, 1 pce.			0.0.026.80
grey similar to RAL 7042, 1 pce.			0.0.627.29
<b>Cap 8 200x28</b> 			
a = 200 mm	b = 28 mm	c = 4.0 mm	m = 22.0 g
black, 1 pce.			0.0.474.07
<b>Cap 8 240x28</b> 			
a = 240 mm	b = 28 mm	c = 4.0 mm	m = 27.0 g
black, 1 pce.			0.0.474.10
<b>Line</b>   			
<b>Cap X 6 60x12</b>  			
a = 60 mm	b = 12 mm	c = 2.0 mm	m = 2.5 g
grey similar to RAL 7042, 1 pce.			0.0.609.29
<b>Cap X 8 80x16</b>  			
a = 80 mm	b = 16 mm	c = 2.0 mm	m = 6.0 g
grey similar to RAL 7042, 1 pce.			0.0.609.28
<b>Cap 10 50x20</b> 			
PA-GF			
a = 50 mm	b = 20 mm	m = 4.0 g	
black, 1 pce.			0.0.632.55
grey similar to RAL 7042, 1 pce.			0.0.632.56





## Caps with Radiused Outside Surface

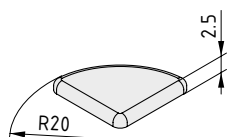
- Aesthetically appealing
- No need to deburr cut edges
- Suitable for various angle measurements: 30°, 45°, 60°, 90° and 270°



Rounded Cap for the profile end face, suitable for all Profile 8 D40 versions. No deburring of the cut edge is required.

Materials used in all the following products:

PA-GF



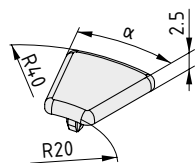
Cap 5 R20-90°

5

m = 0.9 g

black, 1 pce.

0.0.425.71



Cap 5 R20/40-30°

5

$\alpha = 30^\circ$  m = 0.7 g

black, 1 pce.

0.0.425.59

Cap 5 R20/40-45°

5

$\alpha = 45^\circ$  m = 1.2 g

black, 1 pce.

0.0.425.62

Cap 5 R20/40-60°

5

$\alpha = 60^\circ$  m = 1.5 g

black, 1 pce.

0.0.425.65

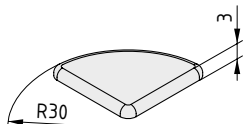
Cap 5 R20/40-90°

5

$\alpha = 90^\circ$  m = 2.7 g

black, 1 pce.

0.0.425.68



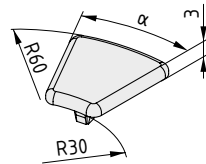
Cap 6 R30-90°

6

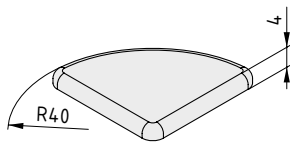
m = 2.0 g

black, 1 pce.

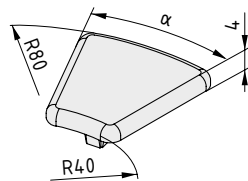
0.0.434.75



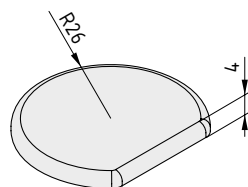
<b>Cap 6 R30/60-30°</b>	
$\alpha = 30^\circ$ $m = 2.0$ g	
black, 1 pce.	0.0.459.39
<b>Cap 6 R30/60-45°</b>	
$\alpha = 45^\circ$ $m = 3.0$ g	
black, 1 pce.	0.0.459.40
<b>Cap 6 R30/60-60°</b>	
$\alpha = 60^\circ$ $m = 4.0$ g	
black, 1 pce.	0.0.459.41
<b>Cap 6 R30/60-90°</b>	
$\alpha = 90^\circ$ $m = 6.0$ g	
black, 1 pce.	0.0.459.42



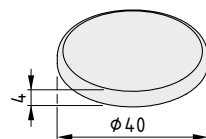
<b>Cap 8 R40-90°</b>	
$m = 4.4$ g	
black, 1 pce.	0.0.436.34
grey similar to RAL 7042, 1 pce.	0.0.627.56



<b>Cap 8 R40/80-30°</b>	
$\alpha = 30^\circ$ $m = 4.2$ g	
black, 1 pce.	0.0.427.69
grey similar to RAL 7042, 1 pce.	0.0.627.52
<b>Cap 8 R40/80-45°</b>	
$\alpha = 45^\circ$ $m = 5.8$ g	
black, 1 pce.	0.0.409.15
grey similar to RAL 7042, 1 pce.	0.0.627.53
<b>Cap 8 R40/80-60°</b>	
$\alpha = 60^\circ$ $m = 7.8$ g	
black, 1 pce.	0.0.427.70
grey similar to RAL 7042, 1 pce.	0.0.627.54
<b>Cap 8 R40/80-90°</b>	
$\alpha = 90^\circ$ $m = 11.0$ g	
black, 1 pce.	0.0.427.71
grey similar to RAL 7042, 1 pce.	0.0.627.55



<b>Cap 8 R26-270°</b>	
$m = 5.6$ g	
black, 1 pce.	0.0.474.46



<b>Cap 8 D40</b>	
PA-GF	
$m = 4.3$ g	
black, 1 pce.	0.0.489.53
grey similar to RAL 7042, 1 pce.	0.0.627.32

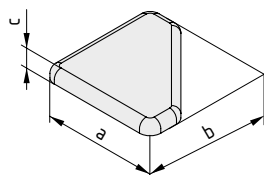


## Caps with 45° and 120° angles



Materials used in all the following products:

PA-GF



## Cap 6 30x30-45°

a = 30 mm    b = 30 mm    c = 3 mm    m = 1.9 g

black, 1 pce.

0.0.434.74

## Cap 8 40x40-45°

a = 40 mm    b = 40 mm    c = 4 mm    m = 4.5 g

black, 1 pce.

0.0.373.48

grey similar to RAL 7042, 1 pce.

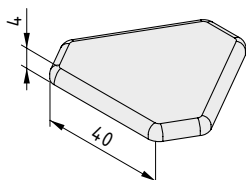
0.0.627.24

## Cap 8 80x80-45°

a = 80 mm    b = 80 mm    c = 4 mm    m = 17.6 g

black, 1 pce.

0.0.418.36



## Cap 8 3x40-120°

m = 5.0 g

black, 1 pce.

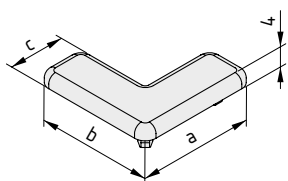
0.0.482.39



## Caps W Angle Geometry

Materials used in all the following products:

PA-GF



## Cap 8 W40x40 E

a = 40 mm    b = 40 mm    c = 16 mm    m = 4.2 g

black, 1 pce.

0.0.429.51

## Cap 8 W80x80 E

a = 80 mm    b = 80 mm    c = 16 mm    m = 9.2 g

black, 1 pce.

0.0.429.54

## Cap 8 W80x80x40

a = 80 mm    b = 80 mm    c = 40 mm    m = 14.0 g

black, 1 pce.

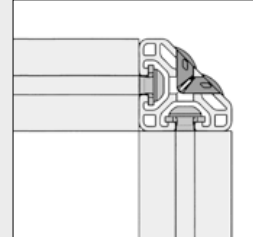
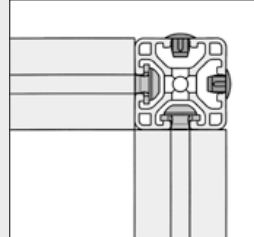
0.0.465.50



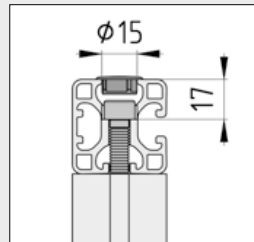
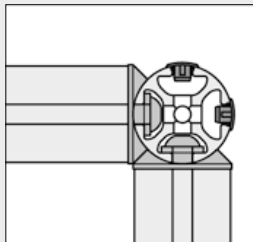
## Caps for bores

**Safe and clean**

- Seal profile bores to stop dust getting inside
- Available in two colours

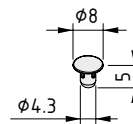


Grey Caps can be used to seal the holes in the sides of profiles with closed grooves. The grey blends in well with the aluminium.



Cap 8 D7-D40 can be used to seal the 7 mm dia. through hole for the Standard Fastener 8 tool in Profiles 8 D40 with closed grooves. The grey colour is matched to the surface of the natural anodized profiles.

Cap 8 D15 covers Counter-sink 8 DIN 974 T1 - Row 1 (e.g. connection of Clamp Profiles 8).



### Cap 5 D4.3



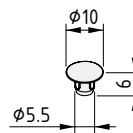
PA  
m = 8 g/100

black, 1 pce.

0.0.437.89

grey similar to RAL 7042, 1 pce.

0.0.484.34



### Cap 6 D5.5



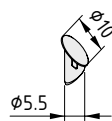
PA  
m = 14 g/100

black, 1 pce.

0.0.439.86

grey similar to RAL 7042, 1 pce.

0.0.478.99



### Cap 6 D5.5-45°



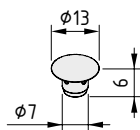
PA  
m = 18 g/100

black, 1 pce.

0.0.439.87

grey similar to RAL 7042, 1 pce.

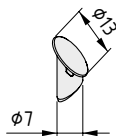
0.0.491.03

**Cap 8 D7**

PA  
m = 27 g/100

black, 1 pce. 0.0.432.06

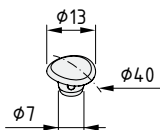
grey similar to RAL 7042, 1 pce. 0.0.489.47

**Cap 8 D7-45°**

PA  
m = 36 g/100

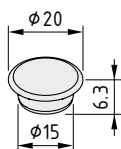
black, 1 pce. 0.0.432.96

grey similar to RAL 7042, 1 pce. 0.0.489.50

**Cap 8 D7-D40**

PA  
m = 30 g/100

grey similar to RAL 7042, 1 pce. 0.0.493.88

**Cap 8 D15**

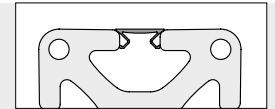
PA  
m = 83 g/100

grey similar to RAL 7042, 1 pce. 0.0.492.55



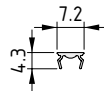
## Cover Profiles Al

- Dust-tight and easy to clean
- For covering cables running through the groove



Cover Profiles can also be printed or engraved for labelling modules.

Whenever it is especially important that constructions are kept clean and look good, Cover Profiles Al neatly close over the groove, either in sections or along the entire length of the profile.



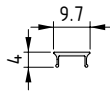
### Cover Profile 6 Al



Al, anodized  
m = 30 g/m

natural, 1 pce., length 2000 mm

0.0.439.70



### Cover Profile 8 Al



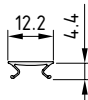
Al, anodized  
m = 32 g/m

natural, 1 pce., length 2000 mm

0.0.452.03

black, 1 pce., length 2000 mm

0.0.452.04



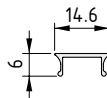
### Cover Profile 10 Al



Al, anodized  
m = 40 g/m

natural, 1 pce., length 2000 mm

0.0.632.63



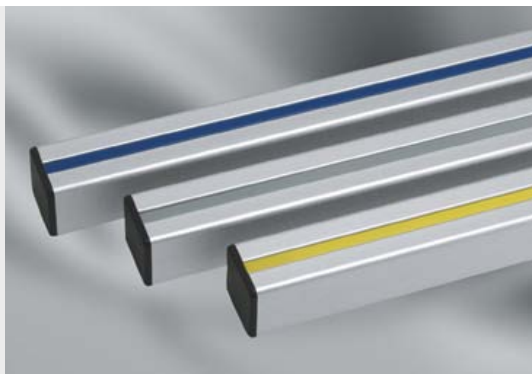
### Cover Profile 12 Al



Al, anodized  
m = 62 g/m

natural, 1 pce., length 2000 mm

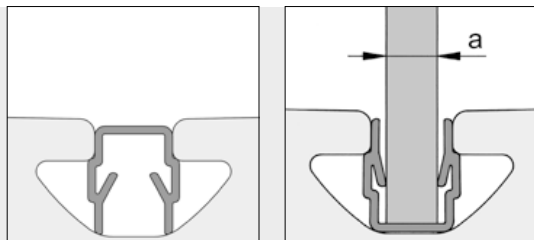
0.0.003.25



## Cover Profiles PP

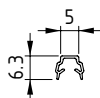
### One profile, two applications

- Protection from dirt and dust when used as cover profiles
- Securing of panel elements in the groove when used as panel-fixing profiles
- Various colours for creating aesthetic effects
- ESD-safe versions also available



Cover Profile can be used as a cover for the profile groove or as a panel-fixing profile for panel elements.

Cover Profile	a [mm]
5	1.5–2.0
6	2.0–3.5
8 (ESD)	4.0–5.5
10 (ESD)	4.0–8.0
12	6.0–9.5

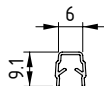


### Cover Profile 5



PP/TPE  
m = 13.5 g/m

natural, 1 pce., length 2000 mm	0.0.391.73
black, 1 pce., length 2000 mm	0.0.391.74
grey similar to RAL 7042, 1 pce., length 2000 mm	0.0.639.02



### Cover Profile 6



PP/TPE  
m = 20.4 g/m

natural, 1 pce., length 2000 mm	0.0.419.48
black, 1 pce., length 2000 mm	0.0.431.01



### Cover Profile 8



PP/TPE  
m = 26 g/m

natural, 1 pce., length 2000 mm	0.0.422.23
black, 1 pce., length 2000 mm	0.0.422.26
green, similar to RAL 6016, 1 pce., length 2000 mm	0.0.489.44
red, similar to RAL 3003, 1 pce., length 2000 mm	0.0.489.46
yellow, similar to RAL 1018, 1 pce., length 2000 mm	0.0.489.43
blue, similar to RAL 5010, 1 pce., length 2000 mm	0.0.481.01
grey similar to RAL 7042, 1 pce., length 2000 mm	0.0.489.45



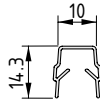
### Cover Profile 8 ESD



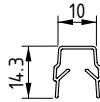
PP/TPE  
m = 26 g/m

black, 1 pce., length 2000 mm	0.0.617.80
-------------------------------	------------

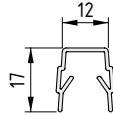





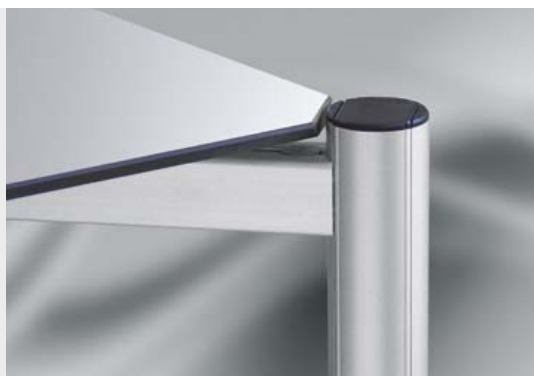
<b>Cover Profile 10</b>	
PP/TPE m = 31.5 g/m	
natural, 1 pce., length 2000 mm	0.0.632.10



<b>Cover Profile 10 ESD</b>	 
PP/TPE m = 31.5 g/m	
black, 1 pce., length 2000 mm	0.0.632.04

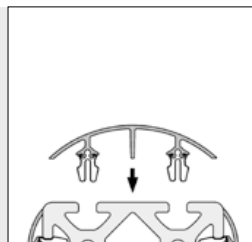
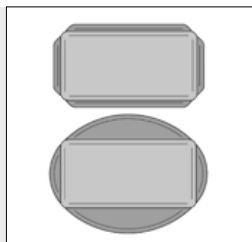
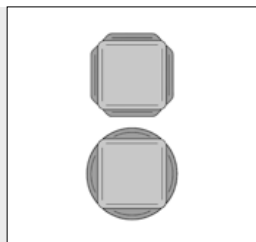


<b>Cover Profile 12</b>	
PP/TPE m = 58 g/m	
natural, 1 pce., length 2000 mm	0.0.005.08
black, 1 pce., length 2000 mm	0.0.005.28



## Cover Profiles R, WR and F

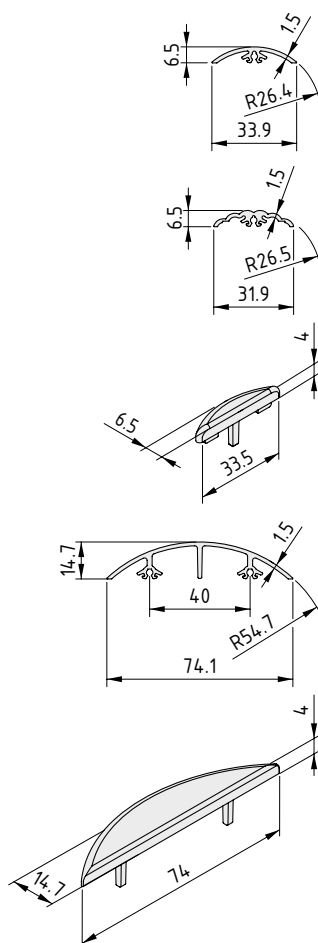
- Stylish cover for profile sides
- Rounded and flat versions available
- For constructions with a high-end look



Cover Profile WR creates a uniformly wavy pattern around the main profile, neatly integrating the four corners.

Cover Caps R and F integrate the cap of the basic profile.

The round and flat Cover Profiles R, W and F are inserted into the grooves of Profiles 8 in conjunction with Clip 8 St.



### Cover Profile 8 R40 Al

Al, anodized  
m = 190 g/m

natural, cut-off max. 3000 mm

0.0.422.76

### Cover Profile 8 WR40 Al

Al, anodized  
m = 200 g/m

natural, cut-off max. 3000 mm

0.0.457.72

### Cap 8 R40

PA-GF  
m = 0.6 g

black, 1 pce.

0.0.429.60

grey similar to RAL 7042, 1 pce.

0.0.627.50

### Cover Profile 8 R80 Al

Al, anodized  
m = 550 g/m

natural, cut-off max. 3000 mm

0.0.422.77

### Cap 8 R80

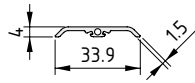
PA-GF  
m = 2.3 g

black, 1 pce.

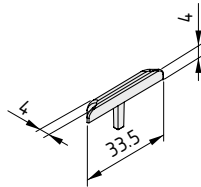
0.0.429.61

grey similar to RAL 7042, 1 pce.

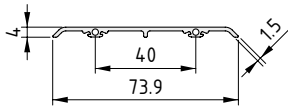
0.0.627.51



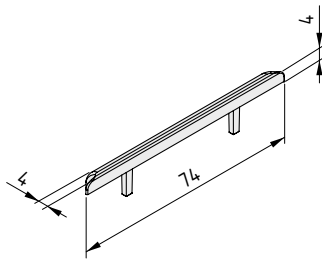
<b>Cover Profile 8 F40 Al</b>	<b>8</b>
Al, anodized m = 170 g/m	
natural, cut-off max. 3000 mm	0.0.428.95



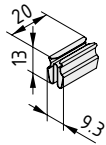
<b>Cap 8 F40</b>	
PA-GF m = 0.4 g	
black, 1 pce.	0.0.429.62



<b>Cover Profile 8 F80 Al</b>	<b>8</b>
Al, anodized m = 370 g/m	
natural, cut-off max. 3000 mm	0.0.428.96



<b>Cap 8 F80</b>	<b>8</b>
PA-GF m = 0.8 g	
black, 1 pce.	0.0.429.63

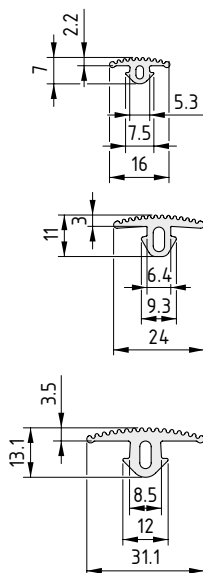


<b>Clip 8 St</b>	<b>8</b>
St Recommended amount: 5 pce./m m = 2.5 g	
bright zinc-plated, 1 pce.	0.0.428.97



## Cover Profiles NBR

- Elastic covering for profile grooves
- Creates a non-slip surface
- Suitable as a buffer strip for sliding doors



### Cover Profile 5 16x3

5

NBR  
Hardness 80° Shore A, oil and water resistant  
m = 57 g/m

black, cut-off max. 20 m

0.0.425.23

### Cover Profile 6 24x3

6

NBR  
Hardness 80° Shore A, oil and water resistant  
m = 119 g/m

black, cut-off max. 20 m

0.0.439.34

### Cover Profile 8 32x4

8

NBR  
Hardness 80° Shore A, oil and water resistant  
m = 180 g/m

black, cut-off max. 20 m

0.0.429.02