



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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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

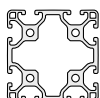
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
6.36	1.72	6.01	21.74	7.88	4.00	7.25

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

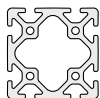
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
10.01	2.70	39.47	39.47	20.43	13.16	13.16

natural, cut-off max. 6000 mm

0.0.419.09

natural, 1 pce., length 6000 mm

0.0.451.16


Profile 6 60x60

6

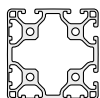
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
13.33	3.60	53.77	53.77	29.27	17.92	17.92

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

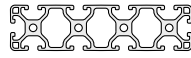
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
10.24	2.76	40.71	40.71	30.18	13.43	13.43

natural, cut-off max. 6000 mm

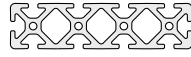
0.0.491.31

natural, 1 pce., length 6000 mm

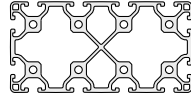
0.0.491.30



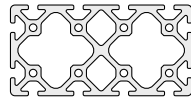
Profile 6 120x30 light							6
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
11.53	3.11	10.82	152.65	9.29	7.21	25.44	
natural, cut-off max. 6000 mm							0.0.419.08
natural, 1 pce., length 6000 mm							0.0.451.39



Profile 6 120x30							6
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
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



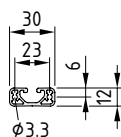
Profiles 6 – flat cross-sections

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



Materials used in all the following products:

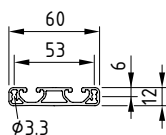
Al, anodized



Profile 6 30x12 light



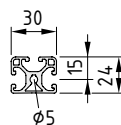
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
1.58	0.43	0.25	1.46	0.11	0.39	0.98
natural, cut-off max. 3000 mm						0.0.478.05
natural, 1 pce., length 3000 mm						0.0.451.63



Profile 6 60x12 light



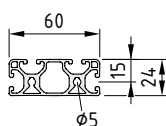
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
2.98	0.81	0.53	10.00	0.48	0.83	3.34
natural, cut-off max. 3000 mm						0.0.478.07
natural, 1 pce., length 3000 mm						0.0.451.65



Profile 6 30x24 light



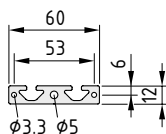
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
2.82	0.76	1.69	2.27	0.20	1.36	1.51
natural, cut-off max. 6000 mm						0.0.608.88
natural, 1 pce., length 6000 mm						0.0.608.87



Profile 6 60x24 light



A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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



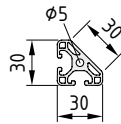
Profiles 6 – 45° Angle

- 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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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

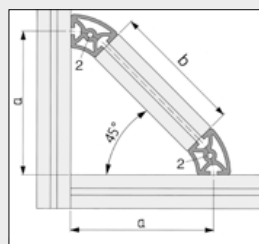


Profiles 6 R

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

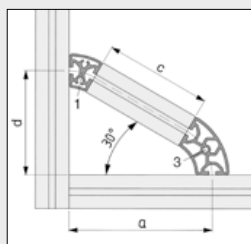


Profiles R can also be used to add bracing to profile constructions. Calculating the appropriate length for the struts is easy.



Connection at 45°

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

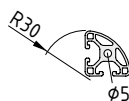


Connection at 30°

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

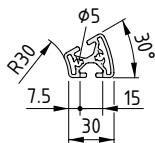
Materials used in all the following products:

Al, anodized



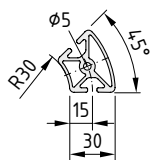
Profile 6 R30-90° light 2

A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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



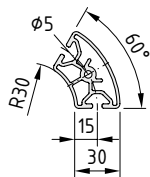
Profile 6 R30/60-30° 6

A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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



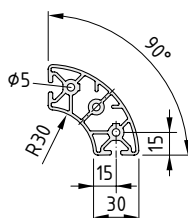
Profile 6 R30/60-45° 6

A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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° 6

A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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° 6

A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
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