



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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
1.80	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
1.85	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
1.91	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
1.90	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
1.92	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
3.32	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
3.38	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
3.38	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
3.42	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
3.46	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

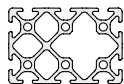
5

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]	
5.14	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
4.76	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]	
6.19	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



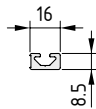
Flat profiles from item can be used to make handles of virtually any length.



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

Materials used in all the following products:

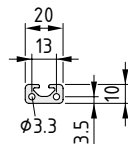
Al, anodized



Profile 5 16x8.5



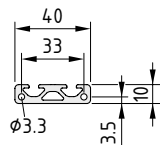
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
0.82	0.22	0.06	0.23	0.04	0.12	0.28
natural, cut-off max. 3000 mm						0.0.265.91
natural, 1 pce., length 3000 mm						0.0.448.02



Profile 5 20x10



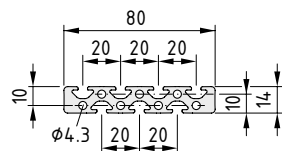
A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
1.29	0.35	0.12	0.53	0.07	0.22	0.53
natural, cut-off max. 3000 mm						0.0.391.02
natural, 1 pce., length 3000 mm						0.0.448.03



Profile 5 40x10



A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
2.39	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 ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
6.64	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

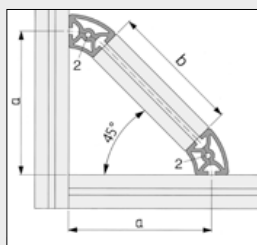


Profiles 5 R

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

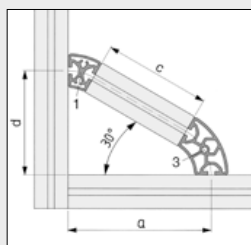


Profiles R can also be used to add bracing to profile constructions. Calculating the appropriate length for the struts is easy.



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	$(a - 30) / \sqrt{3} + 30$

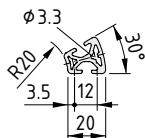
Materials used in all the following products:

Al, anodized



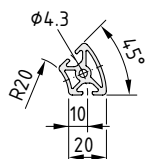
Profile 5 R20-90°

A [cm ²]	m [kg/m]	I _x [cm ⁴]	I _y [cm ⁴]	I _t [cm ⁴]	W _x [cm ³]	W _y [cm ³]
1.71	0.46	0.58	0.58	0.41	0.53	0.53
natural, cut-off max. 3000 mm						
natural, 1 pce., length 3000 mm						



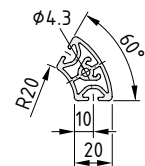
Profile 5 R20/40-30°

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]
1.68	0.45	0.43	0.68	0.22	0.38	0.57
natural, cut-off max. 3000 mm						
natural, 1 pce., length 3000 mm						



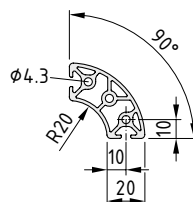
Profile 5 R20/40-45°

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]
2.38	0.64	1.26	0.98	0.43	0.79	0.75
natural, cut-off max. 3000 mm						
natural, 1 pce., length 3000 mm						



Profile 5 R20/40-60°

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



Profile 5 R20/40-90°

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