ask

Automation | Systeme | Komponenten

PROFILE AND ASSEMBLY TECHNOLOGY
OPERATING EQUIPMENT

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ISO 9001

Zertifiziertes Qualitätsmanagementsystem

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Concept, design and implementation
ASK GmbH - I. Kind, D. Suttner

Photos and illustrations
ASK GmbH - I. Kind, D. Suttner

DATA AND PRODUCT INFORMATION:
The information provided corresponds to the status extant at the time of publication. However, changes are possible due to continuous development of the product range. Customers must independently assess and verify whether the products contained here are suitable for the respective application.

If you have any questions, our Customer Service department can provide expert advice.

PRODUCED IN LINE WITH ISO 9001:2015
ASK GmbH is certified in line with **TÜV ISO 9001:2015.**

OVERVIEW OF CHAPTERS

ALUMINIUM PROFILES
TECHNICAL DATA / PROCESSING OPTIONS 1

JOINING TECHNOLOGY 2

MOUNTING MATERIALS 3

ACCESSORIES 4

FOOT ELEMENTS 5

WHEELS AND CASTORS 6

WORKSTATION SYSTEMS 7

BOX LIFTERS. 8

PANEL ELEMENTS AND PANEL FASTENERS 9

TABLE OF CONTENTS AND ARTICLE INDEX 10

PDK Profile

Jesteśmy wyłącznym dystrybutorem profili oraz akcesoriów, niemieckiego producenta profili, ASK Gmbh na polskim rynku. Działamy na terenie całego kraju sprzedając profile i akcesoria oraz świadcząc usługi projektowania i montażu konstrukcji na bazie naszych profili .

Firma powstała w 2021 roku, jednak nasze doświadczenie biznesowe, budujemy od połowy lat 90'. Zlokalizowani jesteśmy w Gliwicach, przy ulicy Bojkowskiej, 1 km od węzła autostradowego łączącego autostrady A1 i A4.

PDK Profile Sp. z o.o.
ul. Bojkowska 45D
44-100 Gliwice, Polska

NIP: 6312702241
REGON: 521008774
KRS: 0000947657

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

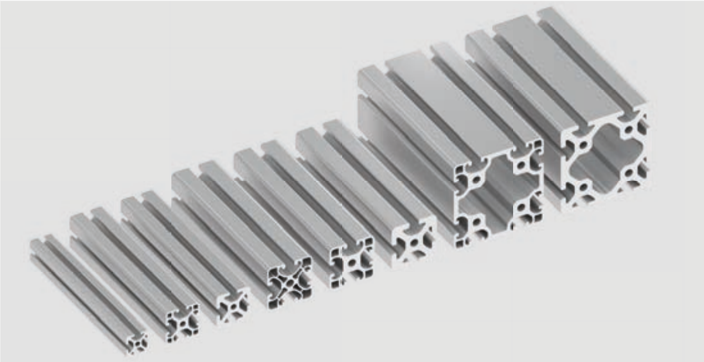
......................Components for series 40 i and 45 B

......................Slot specifications

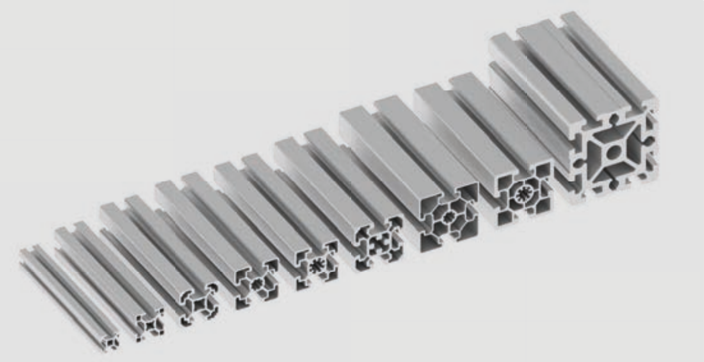

......................ESD symbol for products that do not become electrostatically charged


......................Pages showing product overviews

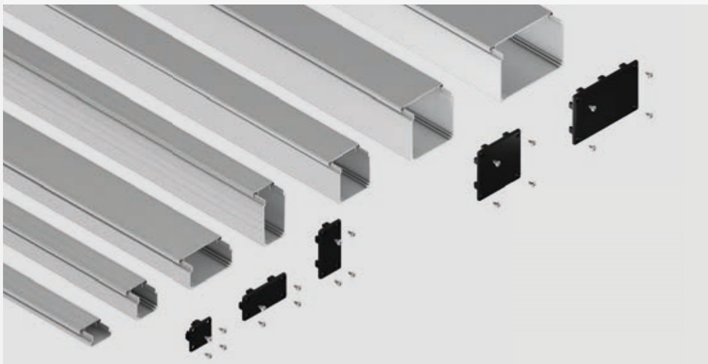
ALUMINIUM PROFILES, SERIES 40 i......................From page 6



ALUMINIUM PROFILES, SERIES 45 B................From page 106



CABLE DUCTS, B40 i AND B45 B....................... From page 198



SPECIAL PROFILES, B40 i AND B45 B...............From page 210

1

1

Profile 20x20 slot 5

An aluminium profile series with particularly small cross-sections suitable for slender or space-saving constructions subjected to very low loads.

2

Profile 30x30L slot 6

An aluminium profile series with small cross-sections for space-saving and low-weight constructions. Suitable for constructions subjected to low loads.

3

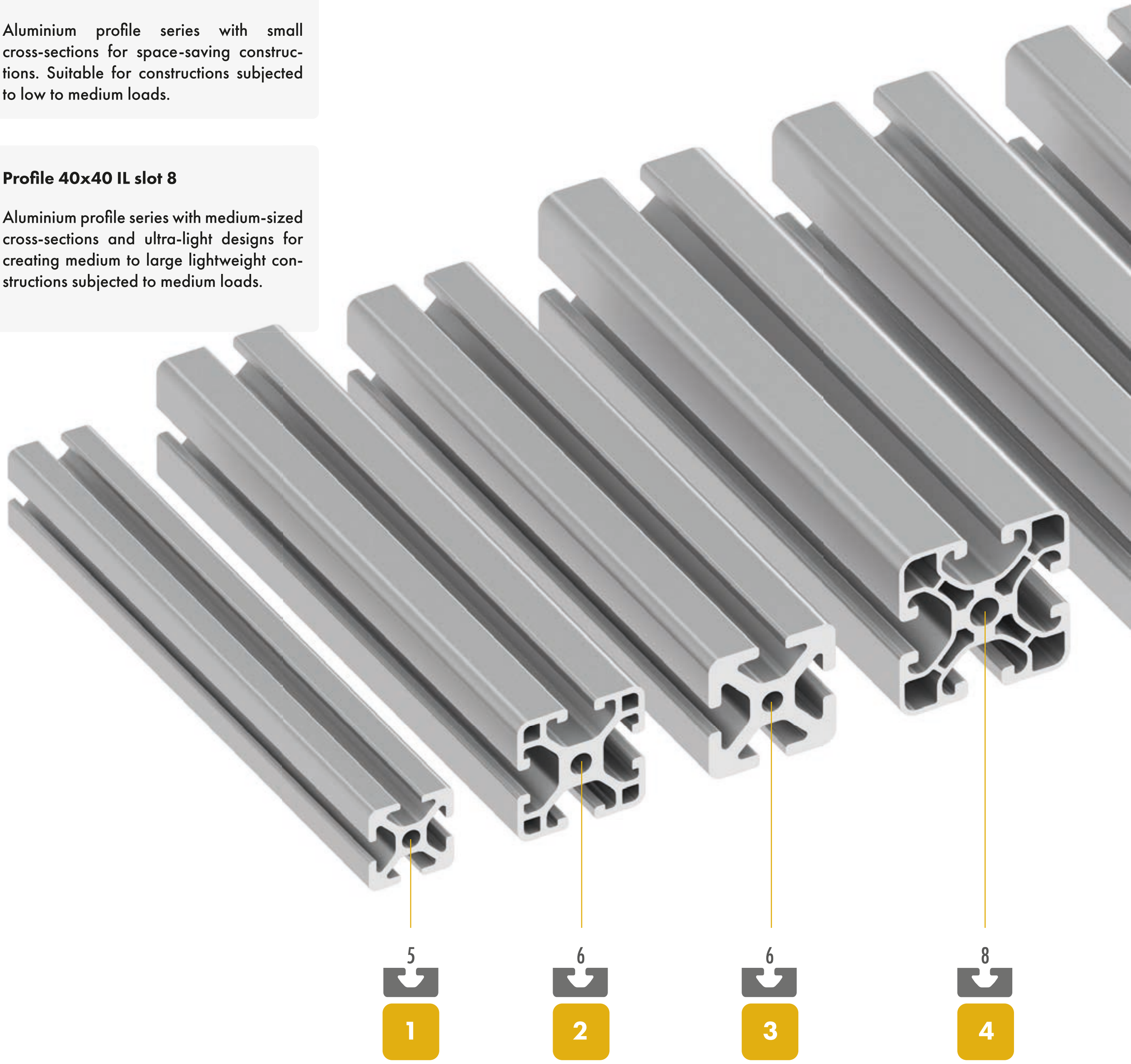
Profile 30x30 slot 6

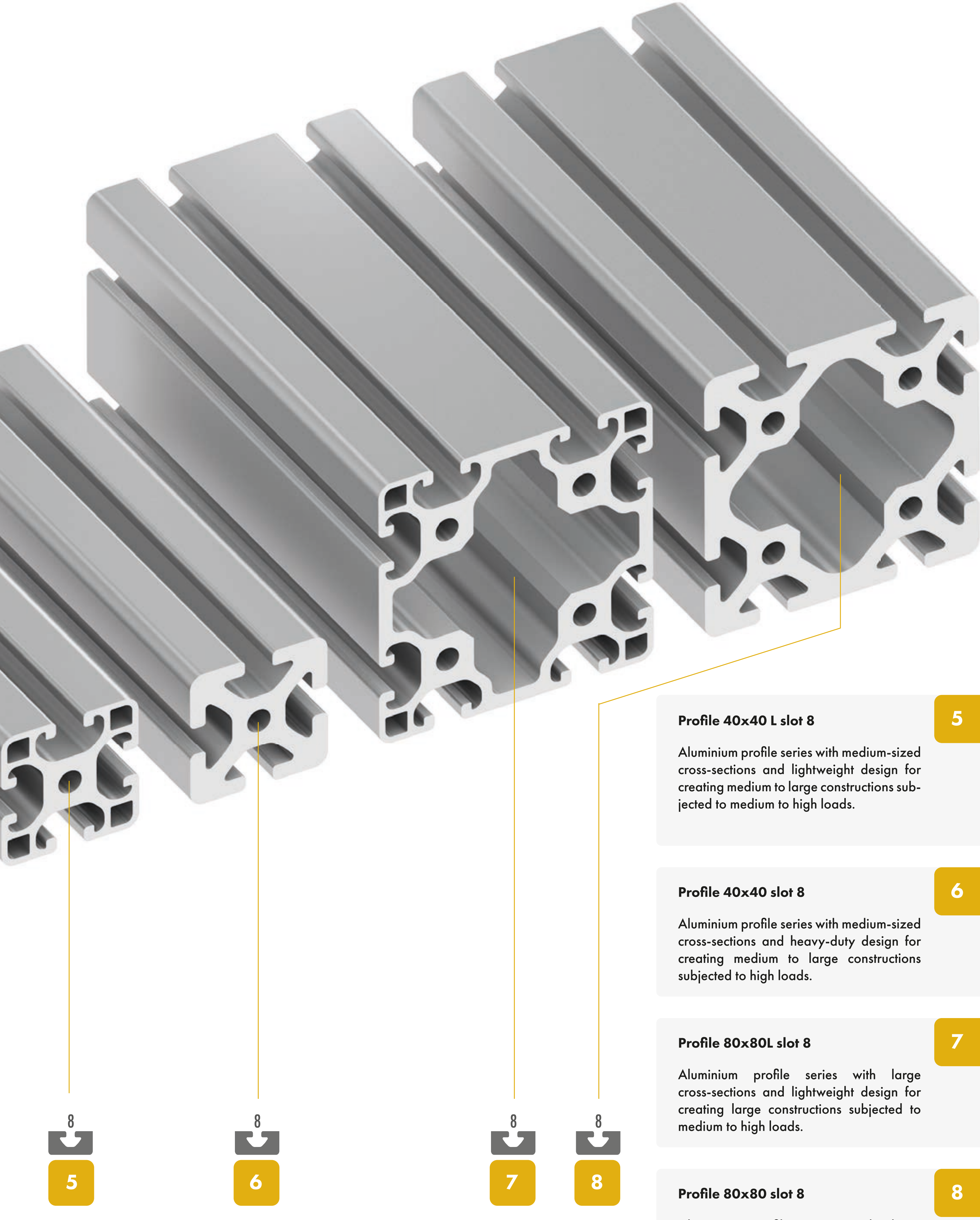
Aluminium profile series with small cross-sections for space-saving constructions. Suitable for constructions subjected to low to medium loads.

4

Profile 40x40 IL slot 8

Aluminium profile series with medium-sized cross-sections and ultra-light designs for creating medium to large lightweight constructions subjected to medium loads.





Profile 40x40 L slot 8 5

Aluminium profile series with medium-sized cross-sections and lightweight design for creating medium to large constructions subjected to medium to high loads.

Profile 40x40 slot 8 6

Aluminium profile series with medium-sized cross-sections and heavy-duty design for creating medium to large constructions subjected to high loads.

Profile 80x80L slot 8 7

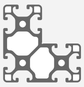
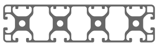
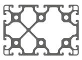
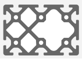
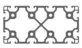
Aluminium profile series with large cross-sections and lightweight design for creating large constructions subjected to medium to high loads.

Profile 80x80 slot 8 8

Aluminium profile series with large cross-sections and heavy-duty design for creating large constructions subjected to high to very high loads.

Cross-section	Slot	Profile	Article no.	Profile surface A [cm^2]	Moment of inertia Ix [cm^4]	Iy [cm^4]	Section modulus Wx [cm^3]	Wy [cm^3]	Mass m [kg/m]	Page
SLOT 5										
	5	**10x20**	20200500	1.29	0.12	0.53	0.22	0.53	0.22	12
	5	**20x20**	20201000	1.80	0.72	0.72	0.72	0.72	0.48	13
	5	**20x20 SW**	20201005	1.80	0.72	0.72	0.72	0.72	0.48	14
	5	**20x20 1N**	20201010	1.85	0.72	0.72	0.72	0.72	0.50	15
	5	**20x20 2N90**	20202020	1.91	0.78	0.78	0.76	0.76	0.51	16
	5	**20x20 3N**	20201030	1.92	0.78	0.81	0.76	0.81	0.52	17
	5	**R20-90°**	20201100	1.71	0.58	0.58	0.53	0.53	0.46	18
	5	**20x40**	20203000	3.32	1.41	5.14	1.41	2.57	0.89	19
	5	**20x40 SW**	20203005	3.32	1.41	5.14	1.41	2.57	0.89	20
	5	**20x40 2N**	20203050	5.20	1.48	2.60	1.44	0.91	3.37	21
	5	**20x40 4N180**	20203060	3.46	1.56	5.30	1.56	2.65	0.93	22
	5	**20x60**	20203300	4.76	2.06	16.09	2.06	5.36	1.28	23
	5	**20x80**	20203400	6.25	2.76	36.88	2.76	9.02	1.67	24
	5	**40x40**	20203100	5.14	9.33	9.33	4.62	4.62	1.39	25
	5	**80x14**	20202300	6.64	1.11	40.69	1.54	10.17	0.90	26
SLOT 6										
	6	**30x12L**	20201500	1.58	0.25	1.46	0.39	0.98	0.43	27
	6	**30x30L**	20204000	3.43	2.90	2.90	1.94	1.94	0.93	28
	6	**30x30**	20204500	4.67	4.15	4.15	2.77	2.77	1.26	29
	6	**30x30L 1N**	20204010	3.49	2.91	3.01	1.94	1.98	0.94	30
	6	**30x30L 2N90**	20204020	3.54	3.02	3.02	1.98	1.98	0.96	31
	6	**30x30L 2N180**	20204040	3.48	2.89	3.17	1.92	2.11	0.94	32
	6	**30x30L 3N**	20204030	3.51	3.03	3.10	1.98	2.06	0.95	33
	6	**R30-90°**	20204300	3.05	2.18	2.18	1.30	1.30	0.84	34
	6	**30x30L 45°**	20204380	3.05	2.20	2.20	1.32	1.32	0.82	35
	6	**30x60L**	20205000	6.13	5.54	21.22	3.69	7.07	1.60	36
	6	**30x60**	20205200	8.47	7.92	29.30	5.28	9.77	2.29	37
	6	**30x120L**	20205700	11.65	11.04	154.51	7.21	25.44	3.11	38
	6	**30x120**	20205100	15.73	207.28	15.31	34.55	10.20	4.25	39
	6	**60x60L**	20205300	10.10	39.98	39.98	12.96	12.96	2.70	40
	6	**60x60L SW**	20205305	10.10	39.98	39.98	12.96	12.96	2.70	41
	6	**60x60**	20205400	13.30	53.80	53.80	17.90	17.90	3.55	42
	6	**60x120L**	20205800	18.78	77.39	261.87	25.80	43.65	5.05	43

Cross-section	Slot	Profile	Article no.	Profile surface A [cm_4]	Moment of inertia Ix [cm_2]	Iy [cm_4]	Section modulus Wx [cm_3]	Wy [cm_3]	Mass m [kg/m]	Page
	6	**60x120**	20205900	24.84	102.71	347.62	34.24	57.94	6.71	44
SLOT 8										
	8	**32x18**	20203500	2.48	1.87	1.10	1.15	1.22	0.67	45
	8	**40x16 E**	20205600	2.24	0.64	3.34	0.78	1.67	0.60	46
	8	**40x16**	20205500	4.24	1.05	6.89	1.22	3.45	1.12	47
	8	**40x32**	20206200	4.97	5.06	7.19	3.14	3.59	1.34	48
	8	**40x40 E**	20207100	5.07	7.38	7.38	3.69	3.69	1.37	49
	8	**40x40 E 2N180**	20207140	4.98	8.15	8.77	4.07	4.38	1.35	50
	8	**40x40L**	20206000	6.46	9.00	9.00	4.50	4.50	1.74	51
	8	**40x40L SW**	20206005	6.46	9.00	9.00	4.50	4.50	1.74	52
	8	**40x40**	20207200	9.16	13.96	13.96	6.98	6.98	2.47	53
	8	**40x40L 1N**	20206010	6.61	9.54	9.01	4.66	4.50	1.78	54
	8	**40x40L 2N90**	20206020	6.80	9.64	9.64	4.70	4.70	1.84	55
	8	**40x40L 2N180**	20206040	6.77	9.02	10.11	4.51	5.05	1.83	56
	8	**40x40L 3N**	20206030	6.96	9.62	10.22	4.70	5.11	1.90	57
	8	**R40-90°**	20206100	5.72	6.65	6.65	3.04	3.04	1.54	58
	8	**R40/80-30°**	20207300	6.20	6.50	8.90	2.90	3.85	1.67	59
	8	**R40/80-45°**	20207400	10.23	21.33	16.06	6.74	6.14	2.76	60
	8	**R40/80-60°**	20207500	10.50	22.64	34.92	5.96	11.56	2.82	61
	8	**R40/80-90°**	20207600	15.00	76.25	76.25	18.69	18.69	4.05	62
	8	**40x40 E 45°**	20206780	4.54	5.95	5.95	2.60	2.60	1.23	63
	8	**40x40L 45°**	20206700	5.58	6.50	6.50	2.90	2.90	1.50	64
	8	**40x40 45°**	20206600	7.30	9.39	9.39	4.08	4.08	1.97	65
	8	**40x80 E**	20207800	8.95	15.20	57.80	7.60	14.50	2.41	66
	8	**40x80L**	20208000	11.38	16.60	69.54	8.30	17.38	3.04	67
	8	**40x80L SW**	20208005	11.38	16.60	69.54	8.30	17.38	3.04	68
	8	**40x80**	20208100	16.76	26.87	101.19	13.44	25.29	4.53	69
	8	**40x80L 1N**	20208010	11.53	16.92	72.13	8.46	17.81	3.12	70
	8	**40x80L 2N**	20208050	11.60	17.73	70.87	8.63	17.72	3.13	71
	8	**40x80 E 2N180**	20207840	8.26	56.96	15.69	14.24	7.85	2.23	72
	8	**40x80 E 3N90**	20207820	7.82	8.46	56.50	15.97	13.83	7.82	73
	8	**40x80L 3N90**	20208020	11.98	18.24	76.12	9.12	17.72	3.14	74
	8	**40x80 E 4N180**	20207860	8.26	56.96	15.69	14.24	7.85	2.23	75

Cross-section	Slot	Profile	Article no.	Profile surface A [cm$_4$]	Moment of inertia Ix [cm$_2$]	Iy [cm$_4$]	Section modulus Wx [cm$_3$]	Wy [cm$_3$]	Mass m [kg/m]	Page
SLOT 8										
	8	**40x80x80L**	20210800	17.78	96.07	96.07	20.69	20.69	4.80	76
	8	**40x120L**	20208300	16.12	24.22	220.54	12.11	36.76	4.35	77
	8	**40x120**	20208400	24.38	39.80	322.66	19.90	53.77	6.58	78
	8	**40x160L**	20208500	20.90	500.32	31.81	62.54	15.90	5.64	79
	8	**40x160**	20208600	32.00	52.72	739.62	26.36	92.45	8.64	80
	8	**40x160L 4N**	20208540	21.67	515.93	34.89	64.49	16.93	5.85	81
	8	**40x200**	20210400	39.50	1409.02	66.39	140.90	33.19	10.66	82
	8	**55x20**	20210500	5.49	2.02	10.79	1.93	3.91	1.48	83
	8	**80x16 E**	20210200	4.86	1.59	29.24	1.90	7.31	1.31	84
	8	**80x16**	20208800	8.13	2.15	50.76	2.69	12.69	2.20	85
	8	**80x32**	20208700	8.63	9.44	53.14	5.90	13.29	2.33	86
	8	**80x80 E**	20209800	15.12	103.32	103.32	25.83	25.83	4.08	87
	8	**80x80L**	20209000	19.75	134.06	134.06	33.51	33.51	5.33	88
	8	**80x80**	20209100	20.10	188.05	188.05	47.01	47.01	7.17	89
	8	**80x80L 2N**	20209050	20.05	139.20	139.20	34.22	33.60	5.45	90
	8	**80x80L 4N90**	20209020	20.40	139.80	139.80	34.50	34.50	5.50	91
	8	**AP R80**	41309500	-	-	-	-	-	8.04	92
	8	**80x120L**	20209500	30.13	201.89	421.67	50.47	63.34	8.13	93
	8	**80x120**	20209700	40.05	274.86	574.86	68.71	92.72	10.81	94
	8	**80x160L**	20209900	37.80	267.07	907.88	66.77	113.48	10.21	95
	8	**80x160**	20210000	50.07	360.89	1228.33	90.22	153.34	13.52	96
	8	**120x120**	20209600	45.92	798.83	798.83	113.13	113.13	12.39	97
	8	**152x20**	20208810	18.27	7.56	350.58	7.35	46.19	4.93	98
	8	**160x16**	20208900	13.88	3.80	307.83	4.25	38.48	3.75	99
	8	**160x28**	20209200	30.99	726.07	20.75	90.76	14.50	8.37	100
	8	**160x160**	20210700	73.75	2347.67	2347.67	293.46	293.46	19.91	101
	8	**200x28**	20208910	38.27	1381.36	25.71	138.13	10.33	38.27	102
	8	**40x40 Clamping profile**	20206300	7.51	9.51	12.27	4.76	6.14	2.30	103
	8	**40x40 - 180 Clamping profile**	20206400	8.41	11.41	13.08	5.71	6.54	2.56	104

EXTRUDED PROFILES IN LINE WITH DIN EN 12020-1

Alloy	EN AW6060 T68
Material	No. 3.3206.72 (artificially aged)
Mechanical data (values in extrusion direction)	
Tensile strength Rm	Min. 240 N/mm²
Yield strength Rp 0.2	Min. 190 N/mm²
Elongation A5	Min. 10%
Elastic modulus	Approx. 70,000 N/mm²
Brinell hardness	Approx. 75 HB 2.5/187.5
Linear expansion coefficient	23.8x10-6/K
Surface in line with DIN 17611	E6/EV1- matt stained and natural colour anodised
Coating thickness	Approx. 10 µm
Coating hardness	250-350 HV
Special colours on request Delivery length 6000 mm (or as specified in catalogue)	

PROFILE TOLERANCES

The stated dimensions depend on the manufacturing accuracy of the tools, tool wear and manufacturing variations. Deviations within a single profile production batch are in the range of 1/100.

Measuring range from - to (mm)	Tolerance ± (mm)
0 – 10	± 0.15
10 – 15	± 0.20
15 – 30	± 0.25
30 – 45	± 0.30
45 – 60	± 0.40
60 - 90	± 0.45
90 – 120	± 0.60
120 – 150	± 0.80
150 – 180	± 1.00
180 - 240	± 1.20

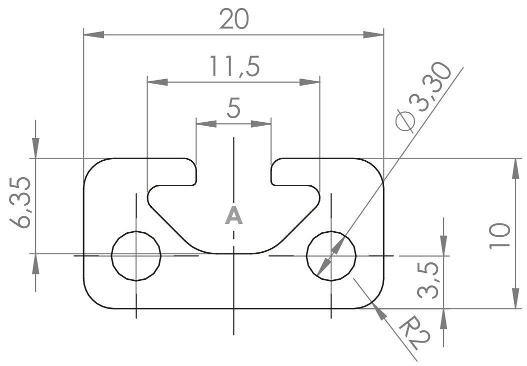
5

PROFILE 5 10x20

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.29
Moment of inertia Ix [cm⁴]	0.12
Moment of inertia Iy [cm⁴]	0.53
Section modulus Wx [cm³]	0.22
Section modulus Wy [cm³]	0.53
Weight m [kg/m]	0.22



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
M5= / -	**103175**
M5= / M5=	**103172**
D4.5 / -	**102170**
D4.5 / D4.5	**102172**

Explanations and further processing options can be found on p. 223-231

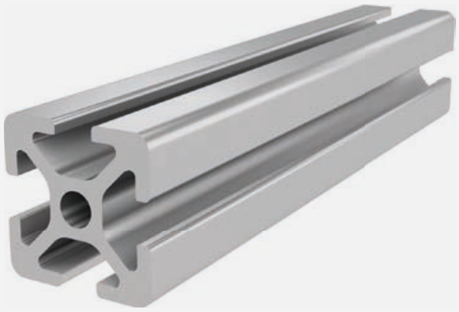
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
10x20	Cut to length	5	0.22 kg/m	**20200500**
10x20	6060	5	0.22 kg/m	**20200501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 10x20

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
10x20	5	0.6	Black	**421005**



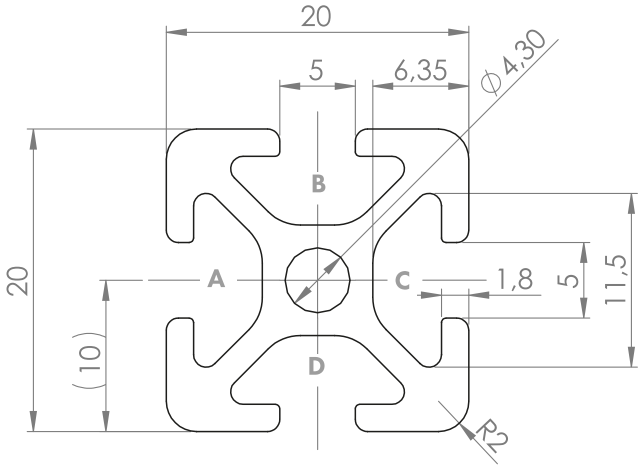
5

PROFILE 5 20x20

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.80
Moment of inertia Ix [cm⁴]	0.72
Moment of inertia Iy [cm⁴]	0.72
Section modulus Wx [cm³]	0.72
Section modulus Wy [cm³]	0.72
Weight m [kg/m]	0.48



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
D4.5 / -	**102170**
D4.5 / D4.5	**102172**
D4.5 / D4.5V	**102175**
D4.5+ / -	**102185**
D4.5+ / D4.5+	**102187**
D12(Uni) / -	**102440**
D12(Uni) / D12(Uni)	**102441**
D12(Uni / D12V(Uni)	**102452**

Explanations and further processing options can be found on p. 223-231

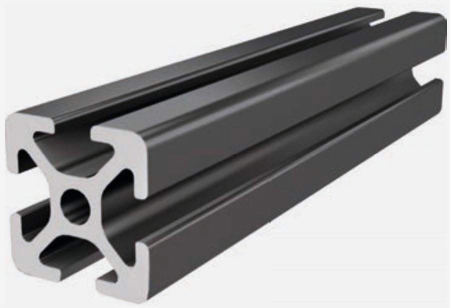
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20	Cut to length	5	0.48 kg/m	**20201000**
20x20	3060	5	0.48 kg/m	**20201003**
20x20	6060	5	0.48 kg/m	**20201001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x20

Material: PA plastic

Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x20	5	4	1.2	Black	**421010**
20x20	5	2.5	1.2	Black	**421011**

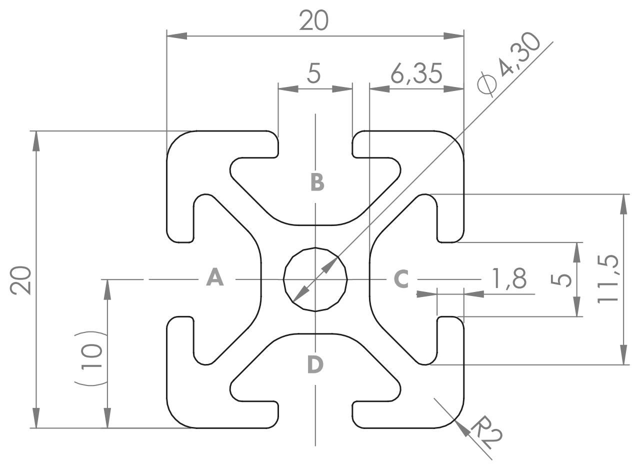


5

PROFILE 5 20x20 (black)
Material: anodised aluminium

Technical data:

Surface A [cm²]	1.80
Moment of inertia Ix [cm⁴]	0.72
Moment of inertia Iy [cm⁴]	0.72
Section modulus Wx [cm³]	0.72
Section modulus Wy [cm³]	0.72
Weight m [kg/m]	0.48



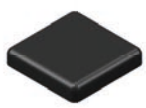
Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
D4.5 / -	**102170**
D4.5 / D4.5	**102172**
D4.5 / D4.5V	**102175**
D4.5+ / -	**102185**
D4.5+ / D4.5+	**102187**
D12(Uni) / -	**102440**
D12(Uni) / D12(Uni)	**102441**
D12(Uni / D12V(Uni)	**102452**

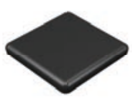
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20, black	Cut to length	5	0.48 kg/m	**20201005**
20x20, black	6060	5	0.48 kg/m	**20201006**

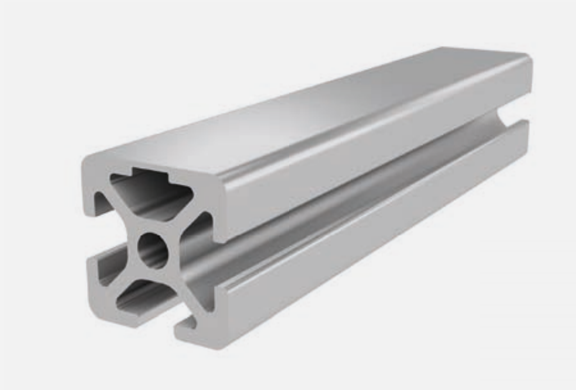
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x20
Material: PA plastic





Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x20	5	4	1.2	Black	**421010**
20x20	5	2.5	1.2	Black	**421011**

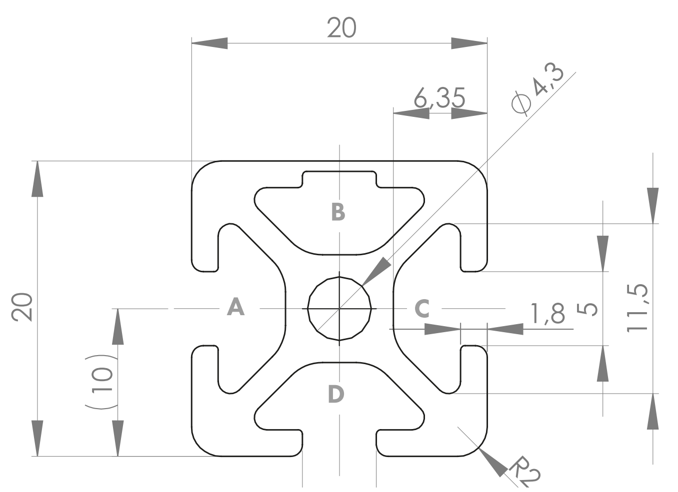


5

PROFILE 5 20x20 1N
Material: anodised aluminium

Technical data:

Surface A [cm²]	1.85
Moment of inertia Ix [cm⁴]	0.72
Moment of inertia Iy [cm⁴]	0.72
Section modulus Wx [cm³]	0.72
Section modulus Wy [cm³]	0.72
Weight m [kg/m]	0.50



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
D4.5 / -	**102170**
D4.5 / D4.5	**102172**
D4.5 / D4.5V	**102175**
D4.5+ / -	**102185**
D4.5+ / D4.5+	**102187**
D12(Uni) / -	**102440**
D12(Uni) / D12(Uni)	**102441**
D12(Uni / D12V(Uni)	**102452**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 1N	Cut to length	5	0.5 kg/m	**20201010**
20x20 1N	3060	5	0.5 kg/m	**20201013**
20x20 1N	6060	5	0.5 kg/m	**20201011**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x20
Material: PA plastic

Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x20	5	4	1.2	Black	**421010**
20x20	5	2.5	1.2	Black	**421011**

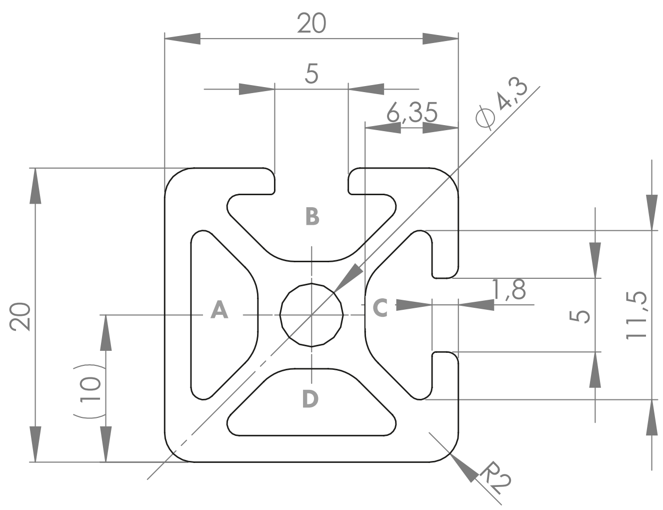
5

PROFILE 5 20x20 2N90

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.91
Moment of inertia Ix [cm⁴]	0.78
Moment of inertia Iy [cm⁴]	0.78
Section modulus Wx [cm³]	0.76
Section modulus Wy [cm³]	0.76
Weight m [kg/m]	0.51



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
D4.5 / -	**102170**
D4.5 / D4.5	**102172**
D4.5 / D4.5V	**102175**
D4.5+ / -	**102185**
D4.5+ / D4.5+	**102187**
D12(Uni) / -	**102440**
D12(Uni) / D12(Uni)	**102441**
D12(Uni / D12V(Uni)	**102452**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 2N90	Cut to length	5	0.51 kg/m	**20202020**
20x20 2N90	3060	5	0.51 kg/m	**20202023**
20x20 2N90	6060	5	0.51 kg/m	**20202021**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x20

Material: PA plastic

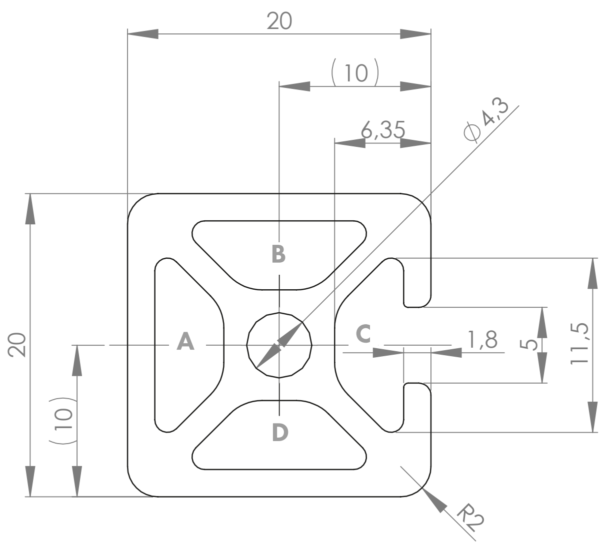
Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x20	5	4	1.2	Black	**421010**
20x20	5	2.5	1.2	Black	**421011**

5

PROFILE 5 20x20 3N
Material: anodised aluminium

Technical data:

Surface A [cm²]	1.92
Moment of inertia Ix [cm⁴]	0.78
Moment of inertia Iy [cm⁴]	0.81
Section modulus Wx [cm³]	0.76
Section modulus Wy [cm³]	0.81
Weight m [kg/m]	0.52



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
D4.5 / -	**102170**
D4.5 / D4.5	**102172**
D4.5 / D4.5V	**102175**
D4.5+ / -	**102185**
D4.5+ / D4.5+	**102187**
D12(Uni) / -	**102440**
D12(Uni) / D12(Uni)	**102441**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 3N	Cut to length	5	0.52 kg/m	**20201030**
20x20 3N	6060	5	0.52 kg/m	**20201031**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x20
Material: PA plastic

Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x20	5	4	1.2	Black	**421010**
20x20	5	2.5	1.2	Black	**421011**

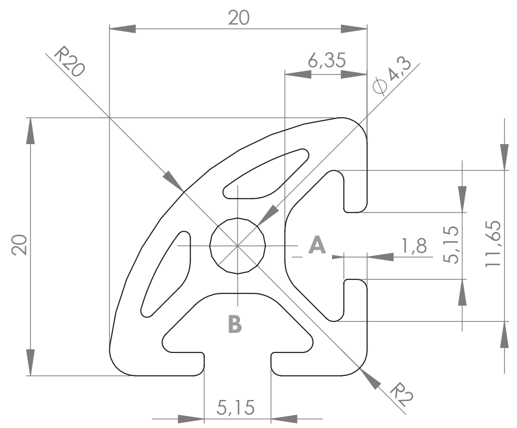
5

PROFILE 5 R20-90°

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.71
Moment of inertia Ix [cm⁴]	0.58
Moment of inertia Iy [cm⁴]	0.58
Section modulus Wx [cm³]	0.53
Section modulus Wy [cm³]	0.53
Weight m [kg/m]	0.46



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
D12(Uni) / -	**102440**
D12(Uni) / D12(Uni)	**102441**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
R20-90°	Cut to length	5	0.46 kg/m	**20201100**
R20-90°	3060	5	0.46 kg/m	**20201103**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

1

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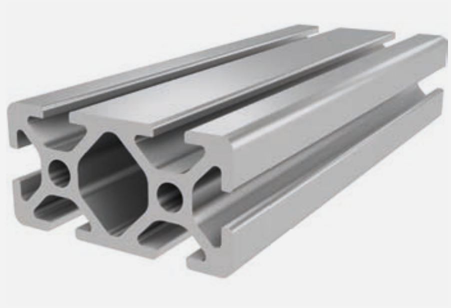
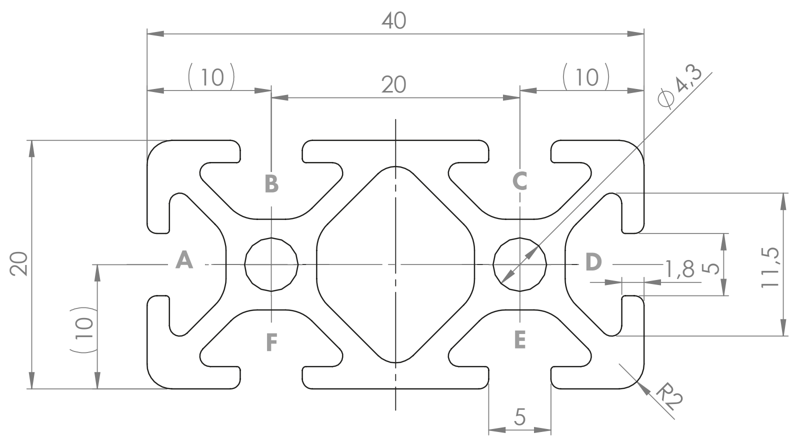
PROFILE 5 20x40

Material: anodised aluminium



Technical data:

Surface A [cm²]	3.32
Moment of inertia Ix [cm⁴]	1.41
Moment of inertia Iy [cm⁴]	5.14
Section modulus Wx [cm³]	1.41
Section modulus Wy [cm³]	2.57
Weight m [kg/m]	0.89



Standard processing:	Art. no.:
M5= / -	**103175**
M5= / M5=	**103172**
D4.5= / -	**102177**
D4.5= / D4.5=	**102180**
D4.5= / D4.5V	**102181**
D4.5V / -	**102171**
D4.5V / D4.5V	**102176**
D12=(Uni) / -	**102439**
D12=(Uni) / D12=(Uni)	**102442**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x40	Cut to length	5	0.89 kg/m	**20203000**
20x40	3060	5	0.89 kg/m	**20203003**
20x40	6060	5	0.89 kg/m	**20203001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x40

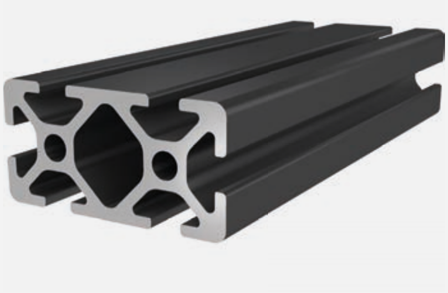
Material: PA plastic

Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x40	5	4	2.2	Black	**421020**
20x40	5	2.5	2.2	Black	**421021**

5

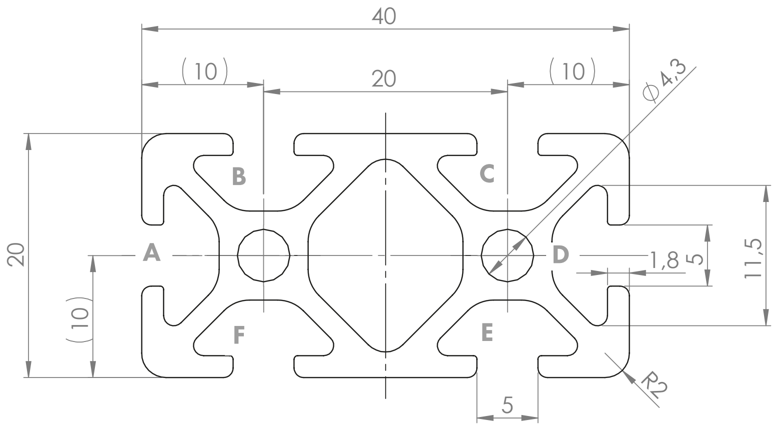
PROFILE 5 20x40 (black)

Material: anodised aluminium



Technical data:

Surface A [cm²]	3.32
Moment of inertia Ix [cm⁴]	1.41
Moment of inertia Iy [cm⁴]	5.14
Section modulus Wx [cm³]	1.41
Section modulus Wy [cm³]	2.57
Weight m [kg/m]	0.89



Standard processing:	Art. no.:
M5= / -	**103175**
M5= / M5=	**103172**
D4.5= / -	**102177**
D4.5= / D4.5=	**102180**
D4.5= / D4.5V	**102181**
D4.5V / -	**102171**
D4.5V / D4.5V	**102176**
D12=(Uni) / -	**102439**
D12=(Uni) / D12=(Uni)	**102442**

Explanations and further processing options can be found on p. 223-231

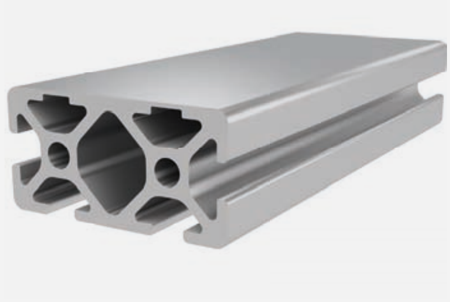
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x40	Cut to length	5	0.89 kg/m	**20203005**
20x40	3060	5	0.89 kg/m	**20203007**
20x40	6060	5	0.89 kg/m	**20203006**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x40

Material: PA plastic

Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x40	5	4	2.2	Black	**421020**
20x40	5	2.5	2.2	Black	**421021**



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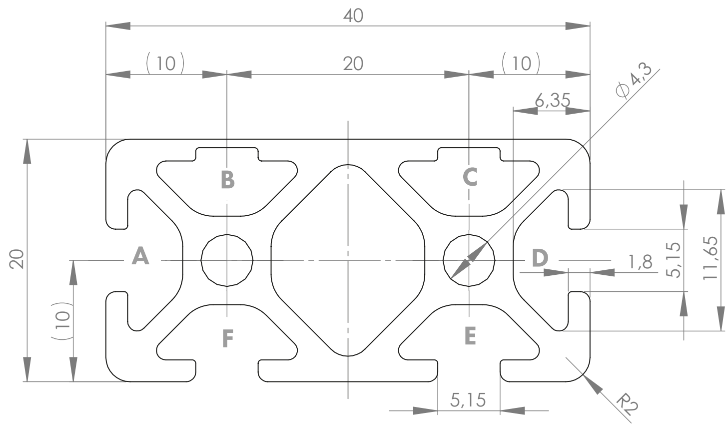
PROFILE 5 20x40 2N

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.20
Moment of inertia Ix [cm⁴]	1.48
Moment of inertia Iy [cm⁴]	2.60
Section modulus Wx [cm³]	1.44
Section modulus Wy [cm³]	0.91
Weight m [kg/m]	3.37



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
M5= / -	**103175**
M5= / M5=	**103172**
D4.5= / -	**102177**
D4.5= / D4.5=	**102180**
D4.5= / D4.5V	**102181**
D4.5V / -	**102171**
D4.5V / D4.5V	**102176**

Explanations and further processing options can be found on p. 223-231

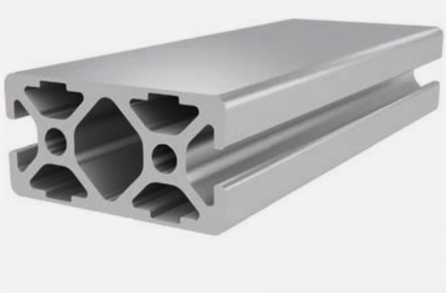
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x40 2N	Cut to length	5	0.91 kg/m	**20203050**
20x40 2N	6060	5	0.91 kg/m	**20203051**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x40

Material: PA plastic

Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x40	5	4	2.2	Black	**421020**
20x40	5	2.5	2.2	Black	**421021**

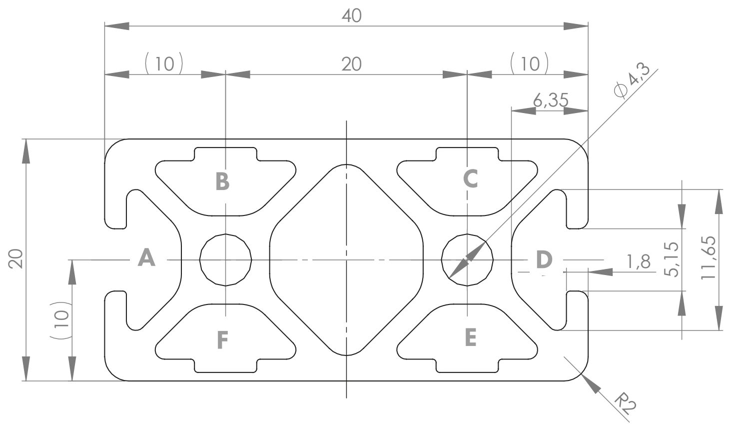


5

PROFILE 5 20x40 4N180
Material: anodised aluminium

Technical data:

Surface A [cm²]	3.46
Moment of inertia Ix [cm⁴]	1.56
Moment of inertia Iy [cm⁴]	5.30
Section modulus Wx [cm³]	1.56
Section modulus Wy [cm³]	2.65
Weight m [kg/m]	0.93



Standard processing:	Art. no.:
M5= / -	**103175**
M5= / M5=	**103172**
D4.5= / -	**102177**
D4.5= / D4.5=	**102180**
D4.5= / D4.5V	**102181**
D4.5V / -	**102171**
D4.5V / D4.5V	**102176**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x40 4N180	Cut to length	5	0.93 kg/m	**20203060**
20x40 4N180	6060	5	0.93 kg/m	**20203061**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x40
Material: PA plastic

Dimensions (version)	Slot	t (mm)	Weight (g)	Version	Art. no.:
20x40	5	4	2.2	Black	**421020**
20x40	5	2.5	2.2	Black	**421021**

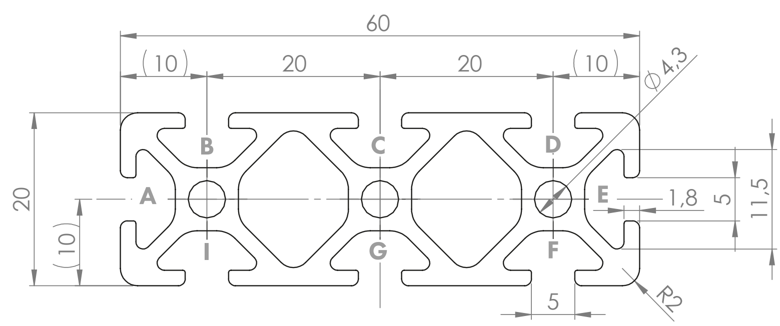
5

PROFILE 5 20x60

Material: anodised aluminium

Technical data:

Surface A [cm²]	4.76
Moment of inertia Ix [cm⁴]	2.06
Moment of inertia Iy [cm⁴]	16.09
Section modulus Wx [cm³]	2.06
Section modulus Wy [cm³]	5.36
Weight m [kg/m]	1.28



Standard processing:	Art. no.:
M5= / -	**103175**
M5= / M5=	**103172**
D4.5= / -	**102177**
D4.5= / D4.5=	**102180**
D4.5= / D4.5V	**102181**
D4.5V / -	**102171**
D4.5V / D4.5V	**102176**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x60	Cut to length	5	1.28 kg/m	**20203300**
20x60	3060	5	1.28 kg/m	**20203303**
20x60	6060	5	1.28 kg/m	**20203301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x60

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x60	5	2.2	Black	**421025**

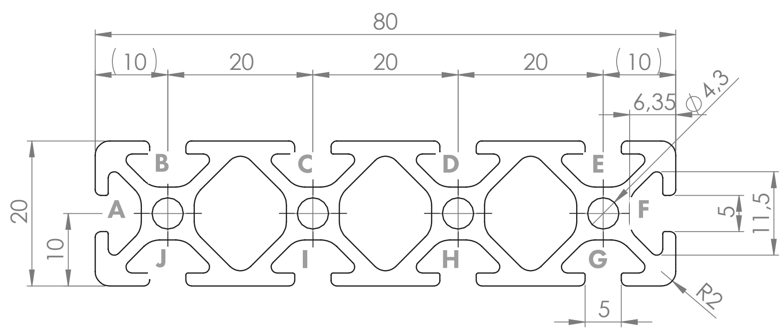
1

5

PROFILE 5 20x80
Material: anodised aluminium

Technical data:

Surface A [cm²]	6.25
Moment of inertia Ix [cm⁴]	2.76
Moment of inertia Iy [cm⁴]	36.88
Section modulus Wx [cm³]	2.76
Section modulus Wy [cm³]	9.02
Weight m [kg/m]	1.67



Standard processing:	Art. no.:
M5= / -	**103175**
M5= / M5=	**103172**
D4.5= / -	**102177**
D4.5= / D4.5=	**102180**
D4.5= / D4.5V	**102181**
D4.5V / -	**102171**
D4.5V / D4.5V	**102176**

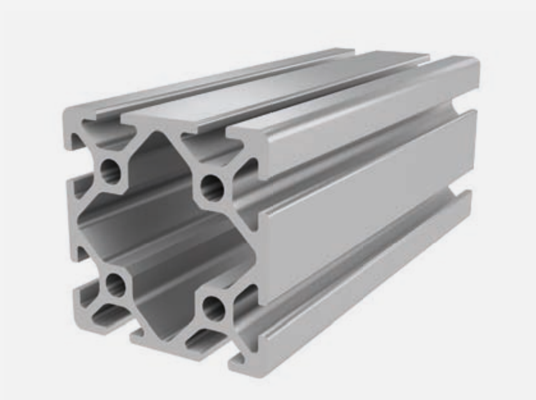
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x80	Cut to length	5	1.67 kg/m	**20203400**
20x80	3060	5	1.67 kg/m	**20203403**
20x80	6060	5	1.67 kg/m	**20203401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 5 20x80
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x80	5	5	Black	**421027**

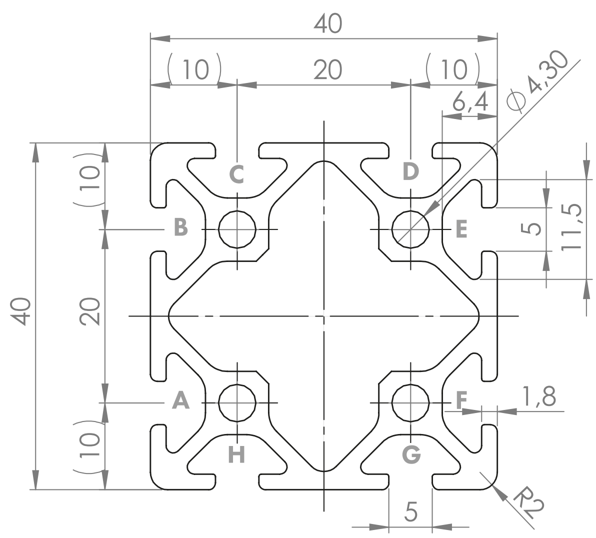


PROFILE 5 40x40

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.14
Moment of inertia Ix [cm⁴]	9.33
Moment of inertia Iy [cm⁴]	9.33
Section modulus Wx [cm³]	4.62
Section modulus Wy [cm³]	4.62
Weight m [kg/m]	1.39



Standard processing:	Art. no.:
M5# / -	**103176**
M5# / M5#	**103177**
D4.5= / -	**102177**
D4.5= / D4.5=	**102180**
D4.5= / D4.5V	**102181**
D4.5# / -	**102190**
D4.5# / D4.5#	**102192**
D4.5# / D4.5V#	**102195**
D12=(Uni) / -	**102439**
D12=(Uni) / D12=(Uni)	**102442**
D12=(Uni) / D12V=(Uni)	**102444**

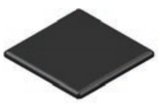
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40	Cut to length	5	1.39 kg/m	**20203100**
40x40	6060	5	1.39 kg/m	**20203101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 5 40x40

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	5	1.8	Black	**421026**

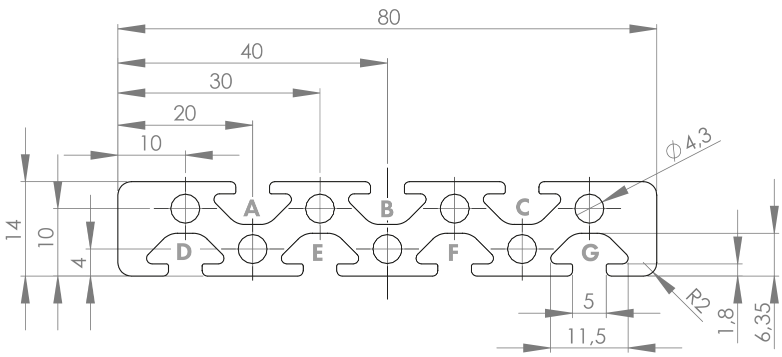
5

PROFILE 5 80x14

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.64
Moment of inertia Ix [cm^4]	1.11
Moment of inertia Iy [cm^4]	40.69
Section modulus Wx [cm^3]	1.54
Section modulus Wy [cm^3]	10.17
Weight m [kg/m]	0.90



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x14	Cut to length	5	0.9 kg/m	**20202300**
80x14	3060	5	0.9 kg/m	**20202301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

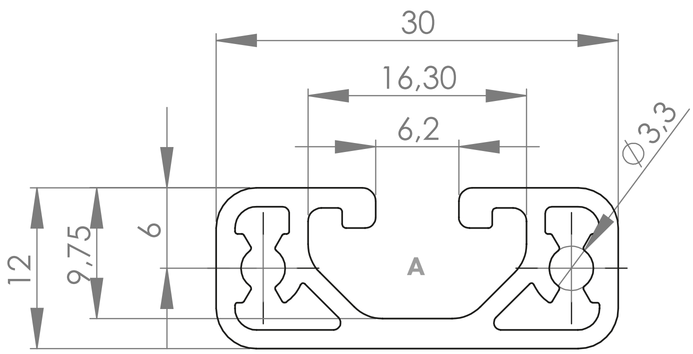
COVER CAP

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

PROFILE 6 30x12L (light)
Material: anodised aluminium

Technical data:

Surface A [cm²]	1.58
Moment of inertia Ix [cm⁴]	0.25
Moment of inertia Iy [cm⁴]	1.46
Section modulus Wx [cm³]	0.39
Section modulus Wy [cm³]	0.98
Weight m [kg/m]	0.43



Standard processing:	Art. no.:
-	-

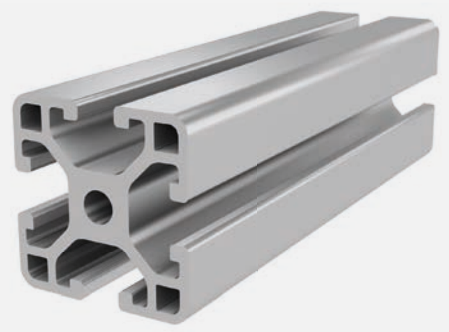
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x12L	Cut to length	6	0.43 kg/m	**20201500**
30x12L	6060	6	0.43 kg/m	**20201501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 30x12
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x12	6	2.6	Black	**421029**



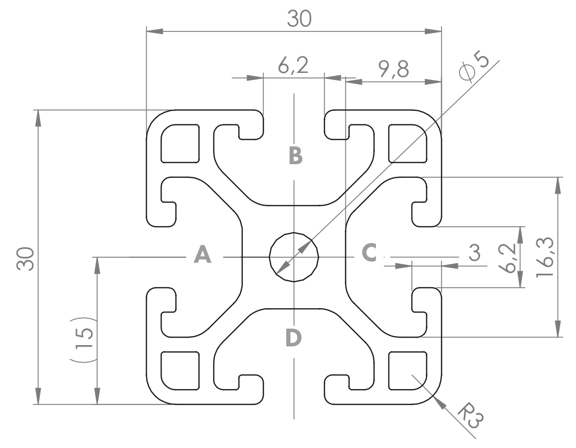
6

PROFILE 6 30x30L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.43
Moment of inertia Ix [cm⁴]	2.90
Moment of inertia Iy [cm⁴]	2.90
Section modulus Wx [cm³]	1.94
Section modulus Wy [cm³]	1.94
Weight m [kg/m]	0.93



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8 / D5.8V	**102093**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**
D16(Uni) / D16V(Uni)	**1020410**

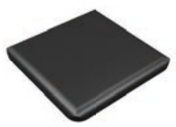
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30L	Cut to length	6	0.93 kg/m	**20204000**
30x30L	3060	6	0.93 kg/m	**20204003**
30x30L	6060	6	0.93 kg/m	**20204001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

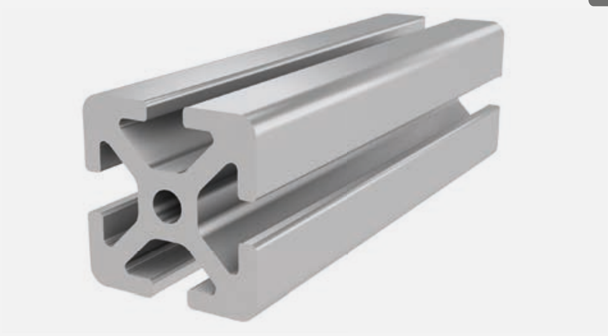
COVER CAP 6 30x30

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	6	2.6	Black	**421030**

1



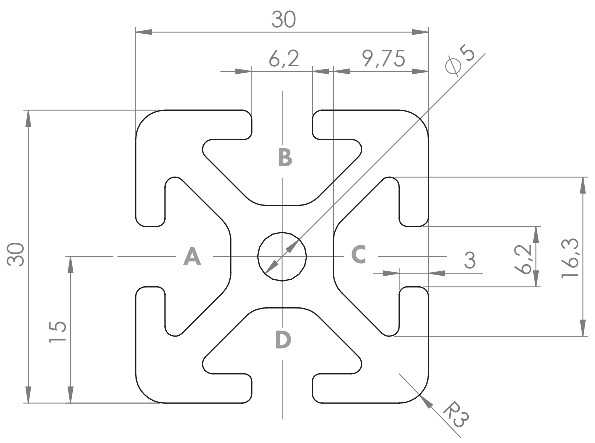
6

PROFILE 6 30x30

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.58
Moment of inertia Ix [cm⁴]	0.25
Moment of inertia Iy [cm⁴]	1.46
Section modulus Wx [cm³]	0.39
Section modulus Wy [cm³]	0.98
Weight m [kg/m]	0.43



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8 / D5.8V	**102093**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**
D16(Uni) / D16V(Uni)	**1020410**

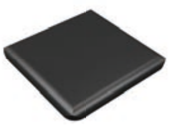
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30	Cut to length	6	1.26 kg/m	**20204500**
30x30	6060	6	1.26 kg/m	**20204501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

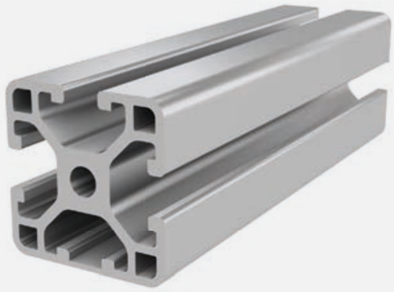
COVER CAP 6 30x30

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	6	2.6	Black	**421030**

1



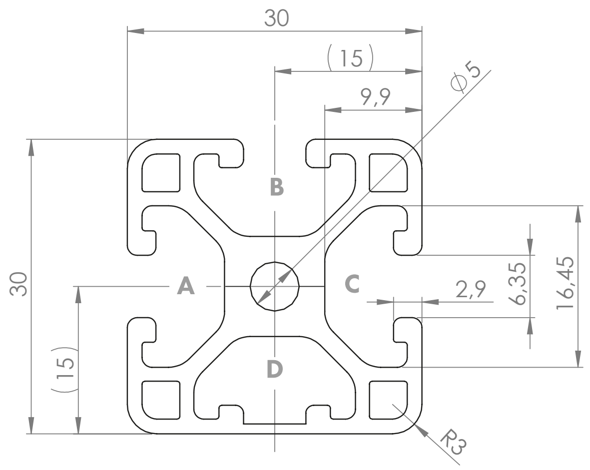
6

PROFILE 6 30x30L 1N (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.49
Moment of inertia Ix [cm⁴]	2.91
Moment of inertia Iy [cm⁴]	3.01
Section modulus Wx [cm³]	1.94
Section modulus Wy [cm³]	1.98
Weight m [kg/m]	0.94



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8 / D5.8V	**102093**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**
D16(Uni) / D16V(Uni)	**1020410**

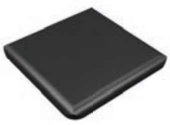
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30L 1N	Cut to length	6	1.26 kg/m	**20204010**
30x30L 1N	6060	6	1.26 kg/m	**20204011**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 30x30

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	6	2.6	Black	**421030**

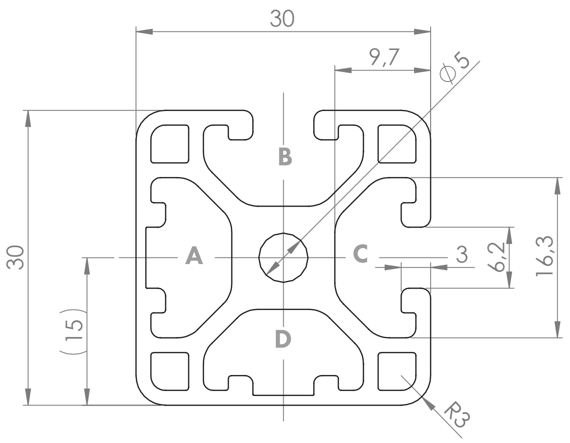
6

PROFILE 6 30x30L 2N90 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.54
Moment of inertia Ix [cm⁴]	3.02
Moment of inertia Iy [cm⁴]	3.02
Section modulus Wx [cm³]	1.98
Section modulus Wy [cm³]	1.98
Weight m [kg/m]	0.96



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8 / D5.8V	**102093**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**
D16(Uni) / D16V(Uni)	**1020410**

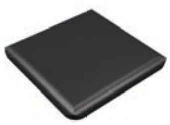
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30L 2N90	Cut to length	6	0.96 kg/m	**20204020**
30x30L 2N90	6060	6	0.96 kg/m	**20204021**

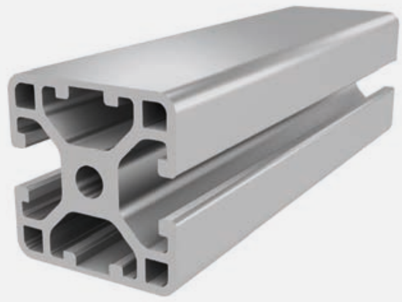
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 30x30

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	6	2.6	Black	**421030**



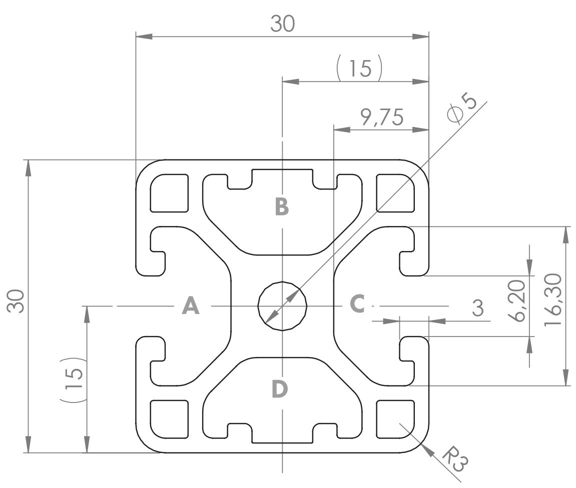
6

PROFILE 6 30x30L 2N180 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.48
Moment of inertia Ix [cm⁴]	2.89
Moment of inertia Iy [cm⁴]	3.17
Section modulus Wx [cm³]	1.92
Section modulus Wy [cm³]	2.11
Weight m [kg/m]	0.94



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8 / D5.8V	**102093**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**

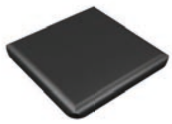
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30L 2N180	Cut to length	6	0.96 kg/m	**20204040**
30x30L 2N180	6060	6	0.96 kg/m	**20204041**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 30x30

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	6	2.6	Black	**421030**

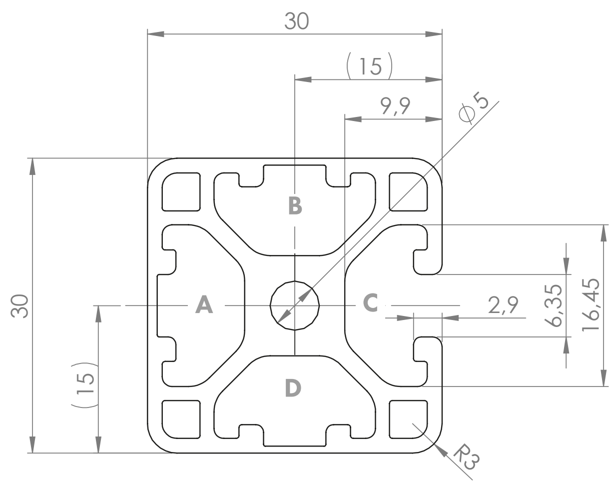
6

PROFILE 6 30x30L 3N (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.51
Moment of inertia Ix [cm⁴]	3.03
Moment of inertia Iy [cm⁴]	3.10
Section modulus Wx [cm³]	1.98
Section modulus Wy [cm³]	2.06
Weight m [kg/m]	0.95



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8 / D5.8V	**102093**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**
D16(Uni) / D16V(Uni)	**1020410**

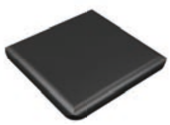
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30L 3N	Cut to length	6	1 kg/m	**20204030**
30x30L 3N	6060	6	1 kg/m	**20204031**

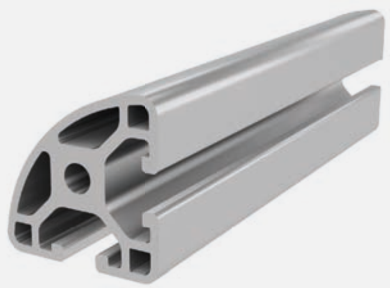
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 30X30

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	6	2.6	Black	**421030**



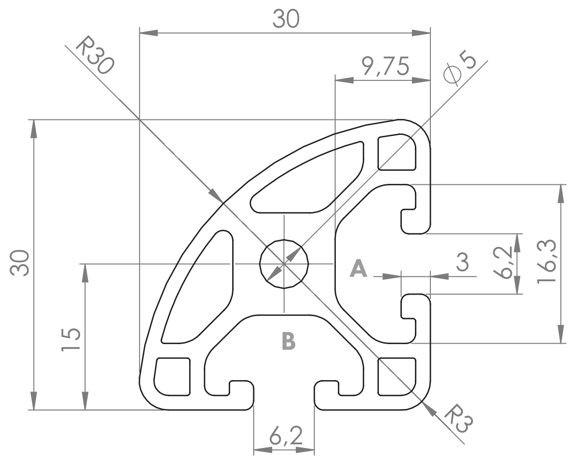
6

PROFILE 6 30x30L R30-90° (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.05
Moment of inertia Ix [cm⁴]	2.18
Moment of inertia Iy [cm⁴]	2.18
Section modulus Wx [cm³]	1.30
Section modulus Wy [cm³]	1.30
Weight m [kg/m]	0.84



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**
D16(Uni) / D16V(Uni)	**1020410**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30L R30-90°	Cut to length	6	0.84 kg/m	**20204300**
30x30L R30-90°	3060	6	0.84 kg/m	**20204303**
30x30L R30-90°	6060	6	0.84 kg/m	**20204301**

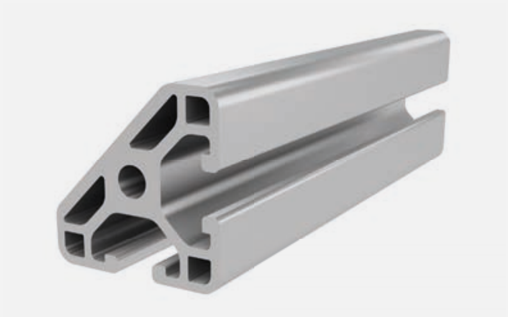
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 R30-90

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Profile 30-90°	6	26	Black	**421031**

1

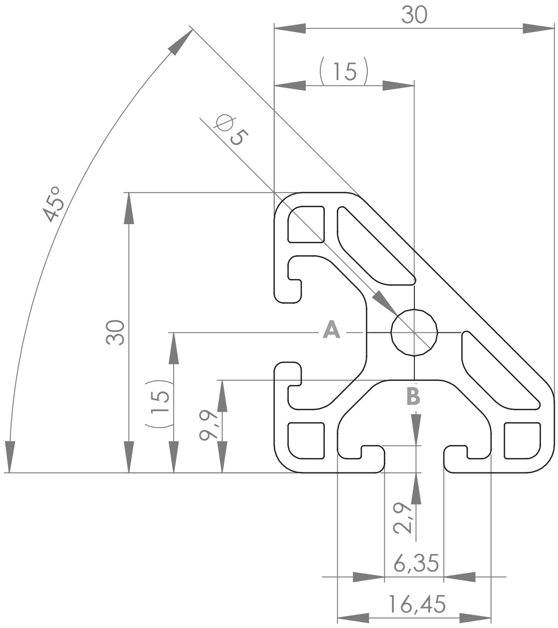


PROFILE 6 30x30L 45° (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.05
Moment of inertia Ix [cm⁴]	2.20
Moment of inertia Iy [cm⁴]	2.20
Section modulus Wx [cm³]	1.32
Section modulus Wy [cm³]	1.32
Weight m [kg/m]	0.82



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D16(Uni) / -	**1020411**
D16(Uni) / D16(Uni)	**1020405**

Explanations and further processing options can be found on p. 223-231

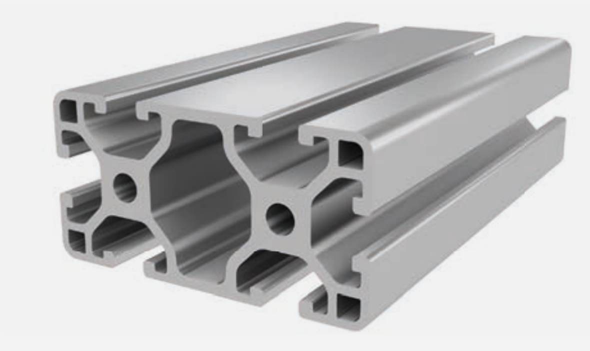
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30L 45°	Cut to length	6	0.82 kg/m	**20204380**
30x30L 45°	3060	6	0.82 kg/m	**20204381**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

1



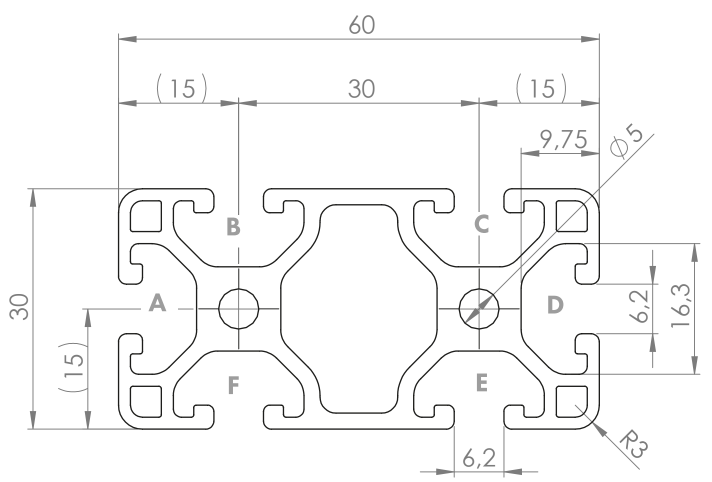
6

PROFILE 6 30x60L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.13
Moment of inertia Ix [cm⁴]	5.54
Moment of inertia Iy [cm⁴]	21.22
Section modulus Wx [cm³]	3.69
Section modulus Wy [cm³]	7.07
Weight m [kg/m]	1.60



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
M6= / -	**103161**
M6= / M6=	**103152**
D5.8= / D5.8=	**102098**
D5.8= / D5.8V	**102093**
D5.8=+ / D5.8=+	**102088**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**
D16V=(Uni) / D16V=(Uni)	**1020404**

Explanations and further processing options can be found on p. 223-231

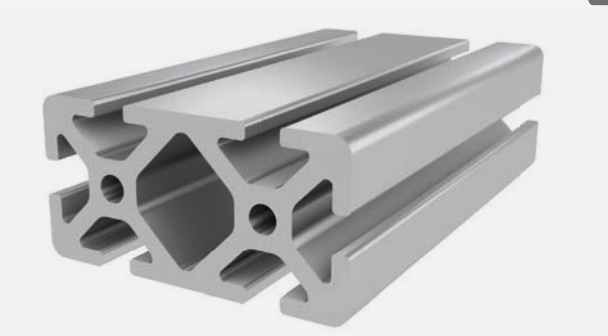
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x60L	Cut to length	6	1.65 kg/m	**20205000**
30x60L	6060	6	1.65 kg/m	**20205001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 30x60

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x60	6	5.2	Black	**421035**

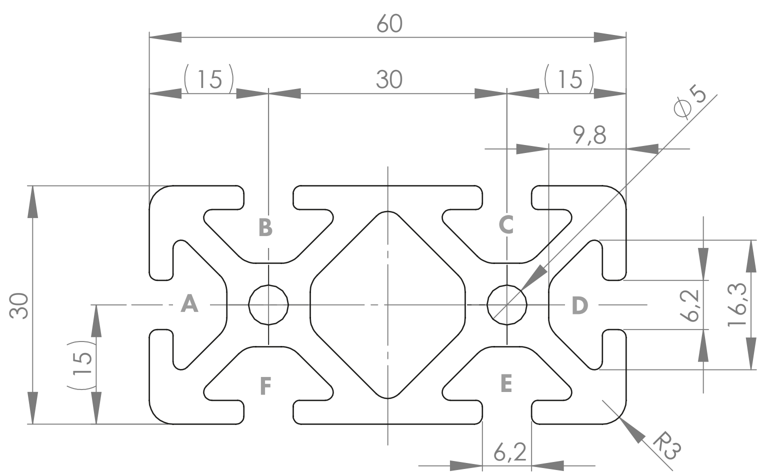


6

PROFILE 6 30x60
Material: anodised aluminium

Technical data:

Surface A [cm²]	8.47
Moment of inertia Ix [cm⁴]	7.92
Moment of inertia Iy [cm⁴]	29.30
Section modulus Wx [cm³]	5.28
Section modulus Wy [cm³]	9.77
Weight m [kg/m]	2.29



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
M6= / -	**103161**
M6= / M6=	**103152**
D5.8= / D5.8=	**102098**
D5.8= / D5.8V	**102093**
D5.8=+ / D5.8=+	**102088**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**
D16V=(Uni) / D16V=(Uni)	**1020404**

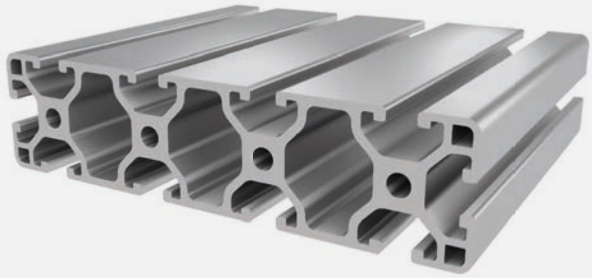
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x60	Cut to length	6	2.29 kg/m	**20205200**
30x60	6060	6	2.29 kg/m	**20205201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 6 30x60
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x60	6	5.2	Black	**421035**



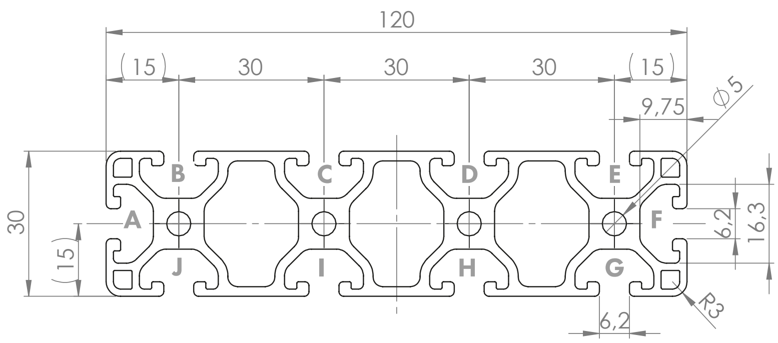
6

PROFILE 6 30x120L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.65
Moment of inertia Ix [cm⁴]	11.04
Moment of inertia Iy [cm⁴]	154.51
Section modulus Wx [cm³]	7.21
Section modulus Wy [cm³]	25.44
Weight m [kg/m]	3.11



Standard processing:	Art. no.:
M6= / -	**103161**
M6= / M6=	**103152**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D5.8=+ / -	**102103**
D5.8=+ / D5.8=+	**102088**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**
D16#(Uni) / -	**1020403**
D16#(Uni) / D16#(uni)	**1020407**

Explanations and further processing options can be found on p. 223-231

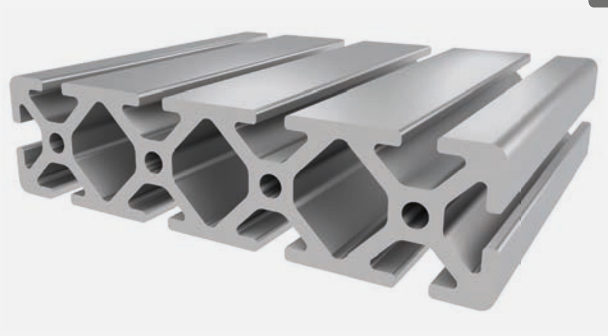
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x120L	Cut to length	6	3.11 kg/m	**20205700**
30x120L	6060	6	3.11 kg/m	**20205701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 6 30x120

Material: PA plastic

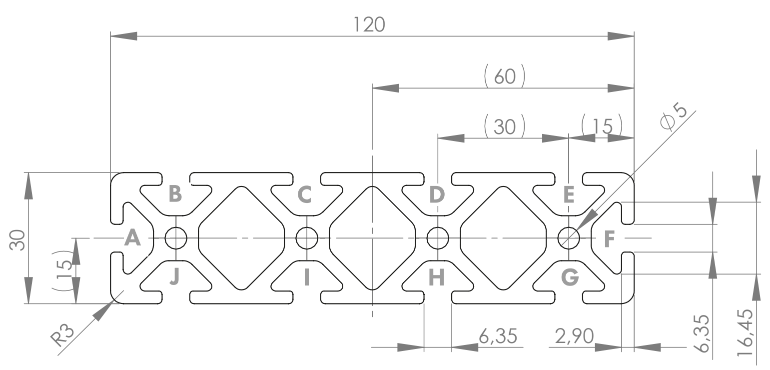
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x120	6	11	Black	**421036**



PROFILE 6 30x120
Material: anodised aluminium

Technical data:

Surface A [cm²]	15.73
Moment of inertia Ix [cm⁴]	207.28
Moment of inertia Iy [cm⁴]	15.31
Section modulus Wx [cm³]	34.55
Section modulus Wy [cm³]	10.20
Weight m [kg/m]	4.25



Standard processing:	Art. no.:
M6= / -	**103161**
M6= / M6=	**103152**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**

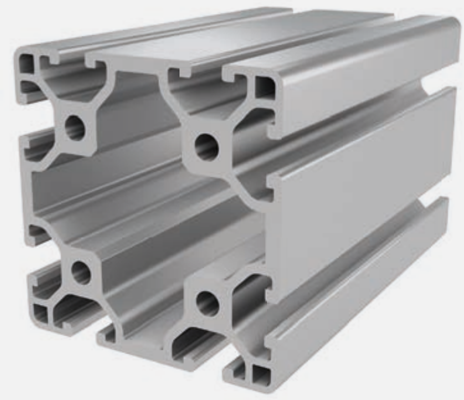
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x120	Cut to length	6	3.11 kg/m	**20205100**
30x120	6060	6	3.11 kg/m	**20205101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 6 30x120
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x120	6	11	Black	**421036**

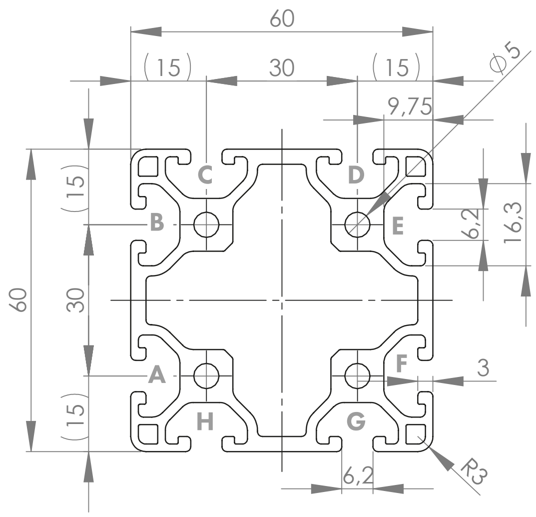


PROFILE 6 60x60L (light)

Material: anodised aluminium

Technical data:

Surface A [cm^2]	10.10
Moment of inertia Ix [cm^4]	39.98
Moment of inertia Iy [cm^4]	39.98
Section modulus Wx [cm^3]	12.96
Section modulus Wy [cm^3]	12.96
Weight m [kg/m]	2.70



Standard processing:	Art. no.:
M6# / -	**103159**
M6# / M6#	**103153**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D5.8=+ / -	**102103**
D5.8=+ / D5.8=+	**102088**
D5.8# / -	**102112**
D5.8# / D5.8#	**102113**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**
D16#(Uni) / -	**1020402**
D16#(Uni) / D16#(uni)	**1020407**

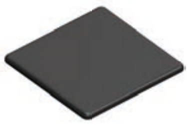
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x60L	Cut to length	6	2.7 kg/m	**20205300**
60x60L	6060	6	2.7 kg/m	**20205301**

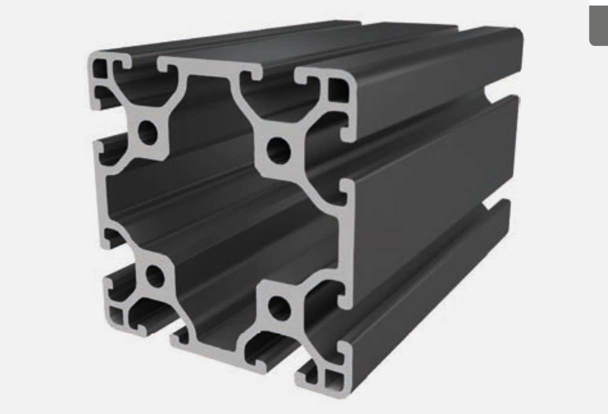
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 6 60x60

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x60	6	2.2	Black	**421028**



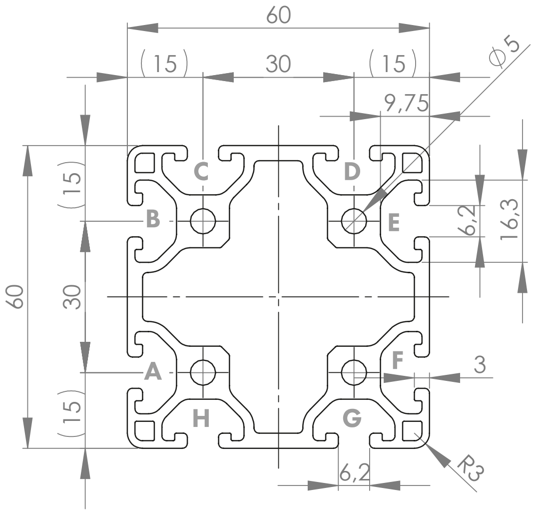
6

PROFILE 6 60x60L (black)

Material: anodised aluminium

Technical data:

Surface A [cm²]	10.10
Moment of inertia Ix [cm⁴]	39.98
Moment of inertia Iy [cm⁴]	39.98
Section modulus Wx [cm³]	12.96
Section modulus Wy [cm³]	12.96
Weight m [kg/m]	2.70



Standard processing:	Art. no.:
M6# / -	**103159**
M6# / M6#	**103153**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D5.8=+ / -	**102103**
D5.8=+ / D5.8=+	**102088**
D5.8# / -	**102112**
D5.8# / D5.8#	**102113**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**
D16#(Uni) / -	**1020402**
D16#(Uni) / D16#(uni)	**1020407**

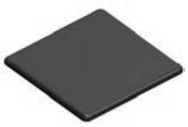
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x60L, black	Cut to length	6	2.7 kg/m	**20205305**
60x60L, black	6060	6	2.7 kg/m	**20205306**

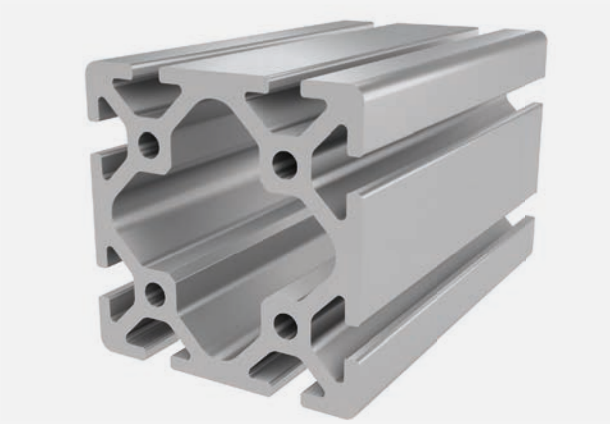
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 6 60X60

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x60	6	2.2	Black	**421028**



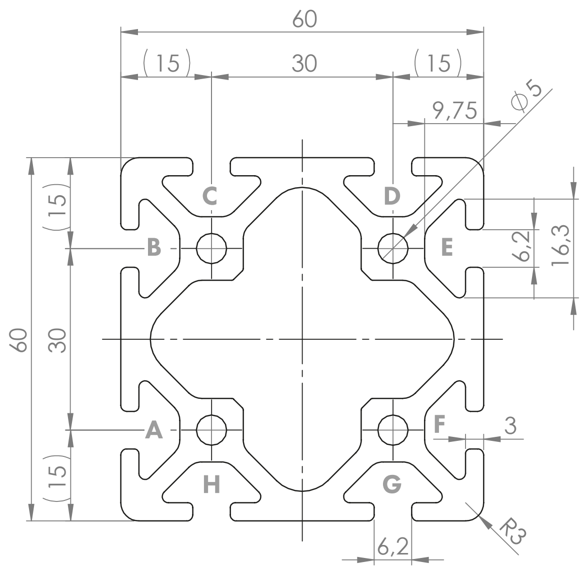
6

PROFILE 6 60x60

Material: anodised aluminium

Technical data:

Surface A [cm²]	13.30
Moment of inertia Ix [cm⁴]	53.80
Moment of inertia Iy [cm⁴]	53.80
Section modulus Wx [cm³]	17.90
Section modulus Wy [cm³]	17.90
Weight m [kg/m]	3.55



Standard processing:	Art. no.:
M6# / -	**103159**
M6# / M6#	**103153**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D5.8=+ / -	**102103**
D5.8=+ / D5.8=+	**102088**
D5.8# / -	**102112**
D5.8# / D5.8#	**102113**
D16#(Uni) / -	**1020402**
D16#(Uni) / D16#(uni)	**1020407**

Explanations and further processing options can be found on p. 223-231

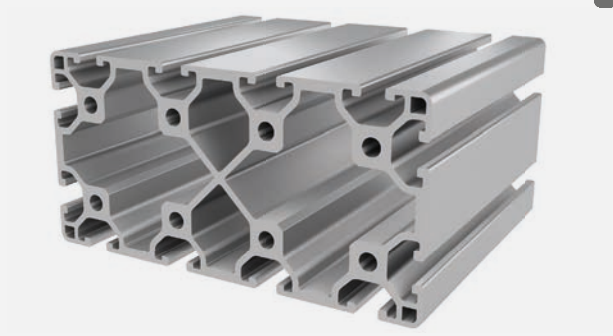
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x60	Cut to length	6	3.55 kg/m	**20205400**
60x60	6060	6	3.55 kg/m	**20205401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 6 60x60

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x60	6	2.2	Black	**421028**



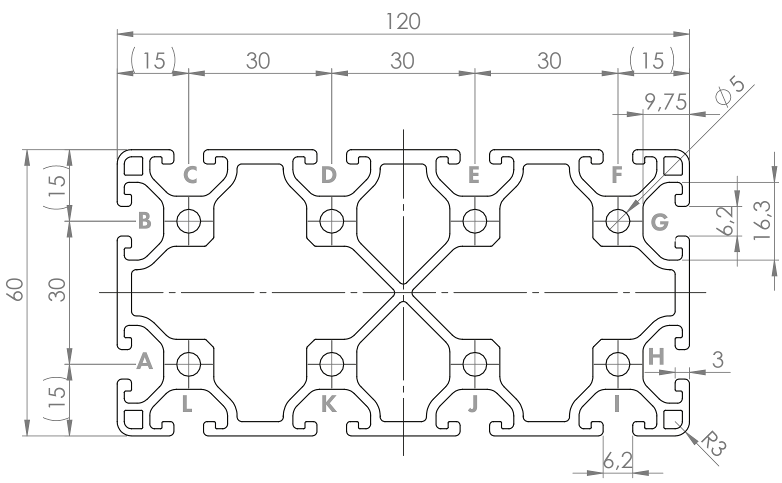
6

PROFILE 6 60x120L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	18.78
Moment of inertia Ix [cm⁴]	77.39
Moment of inertia Iy [cm⁴]	261.87
Section modulus Wx [cm³]	25.80
Section modulus Wy [cm³]	43.65
Weight m [kg/m]	5.05



Standard processing:	**Art. no.:**
M6# / -	**103159**
M6# / M6#	**103153**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D5.8=+ / -	**102103**
D5.8=+ / D5.8=+	**102088**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**
D16#(Uni) / -	**1020403**
D16#(Uni) / D16#(uni)	**1020407**

Explanations and further processing options can be found on p. 223-231

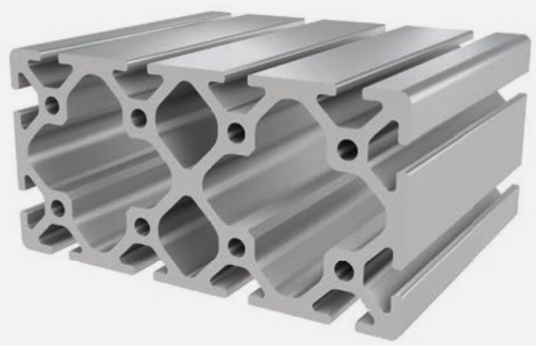
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x120L	Cut to length	6	5.05 kg/m	**20205800**
60x120L	6060	6	5.05 kg/m	**20205801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 6 60x120

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x120	6	2.2	Black	**421037**



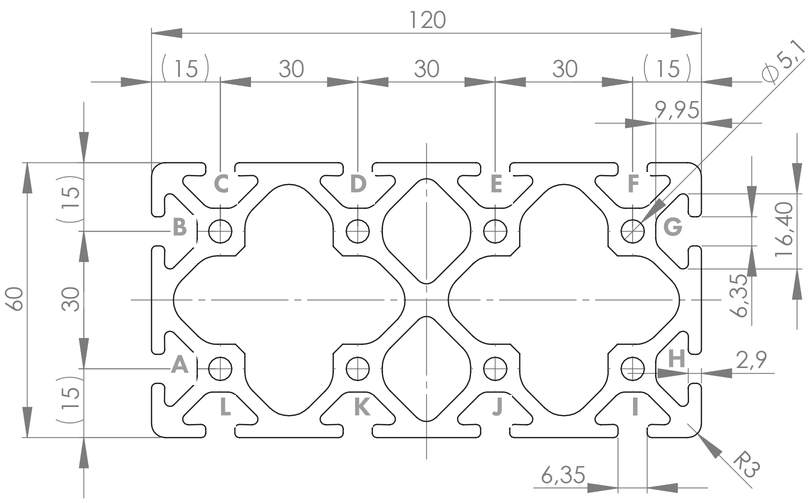
6

PROFILE 6 60x120

Material: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Weight m [kg/m]	-



Standard processing:	Art. no.:
M6# / -	**103159**
M6# / M6#	**103153**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D5.8=+ / -	**102103**
D5.8=+ / D5.8=+	**102088**
D16=(Uni) / -	**1020403**
D16=(Uni) / D16=(Uni)	**1020406**
D16#(Uni) / -	**1020403**
D16#(Uni) / D16#(uni)	**1020407**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x120	Cut to length	6	6.71 kg/m	**20205900**
60x120	6060	6	6.71 kg/m	**20205901**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 6 60x120

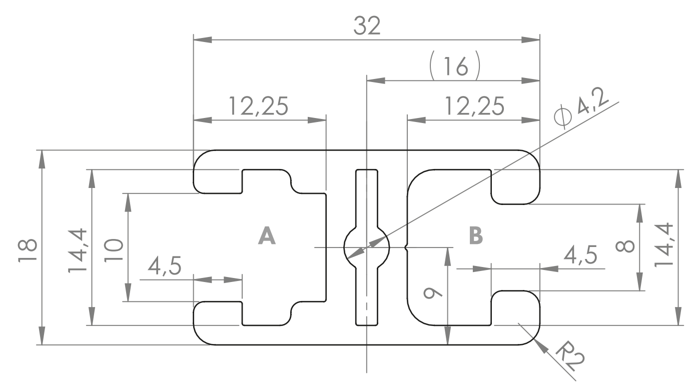
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x120	6	2.2	Black	**421037**

PROFILE 8 32x18
Material: anodised aluminium

Technical data:

Surface A [cm²]	2.48
Moment of inertia Ix [cm⁴]	1.87
Moment of inertia Iy [cm⁴]	1.10
Section modulus Wx [cm³]	1.15
Section modulus Wy [cm³]	1.22
Weight m [kg/m]	0.67



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**

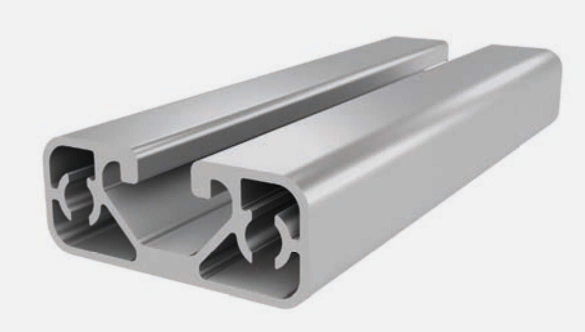
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
32x18	Cut to length	8	0.9 kg/m	**20203500**
32x18	6060	8	0.9 kg/m	**20203501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 8 32x18
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
32x18	8	2.6	Black	**999413**



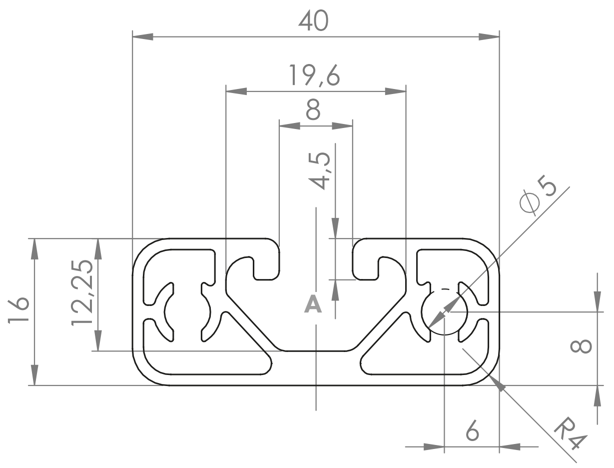
8

PROFILE 8 40x16 E

Material: anodised aluminium

Technical data:

Surface A [cm²]	2.24
Moment of inertia Ix [cm⁴]	0.64
Moment of inertia Iy [cm⁴]	3.34
Section modulus Wx [cm³]	0.78
Section modulus Wy [cm³]	1.67
Weight m [kg/m]	0.60



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
M6= / -	**103161**
M6= / M6=	**103152**
D7 / -	**102350**
D7 / D7	**102351**

Explanations and further processing options can be found on p. 223-231

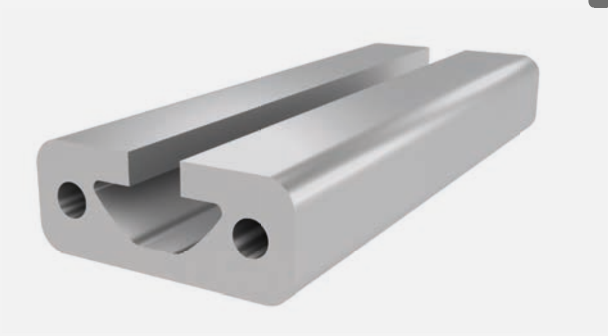
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x16 E	Cut to length	8	0.9 kg/m	**20205600**
40x16 E	3060	8	0.9 kg/m	**20205603**
40x16 E	6060	8	0.9 kg/m	**20205601**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 8 40x16

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x16	8	10	Black	**421015**

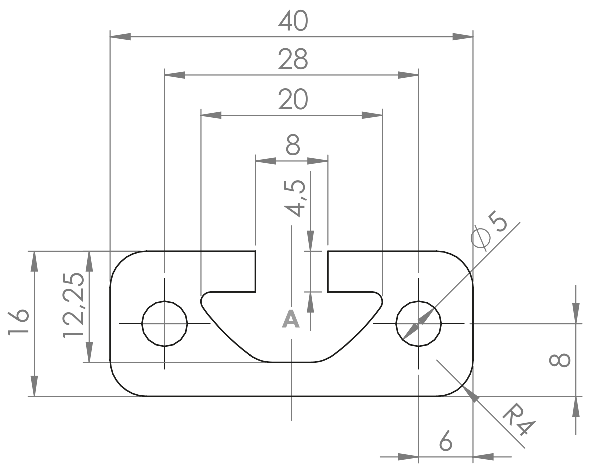


8

PROFILE 8 40x16
Material: anodised aluminium

Technical data:

Surface A [cm²]	4.24
Moment of inertia Ix [cm⁴]	1.05
Moment of inertia Iy [cm⁴]	6.89
Section modulus Wx [cm³]	1.22
Section modulus Wy [cm³]	3.45
Weight m [kg/m]	1.12



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
M6= / -	**103161**
M6= / M6=	**103152**
D7 / -	**102350**
D7 / D7	**102351**

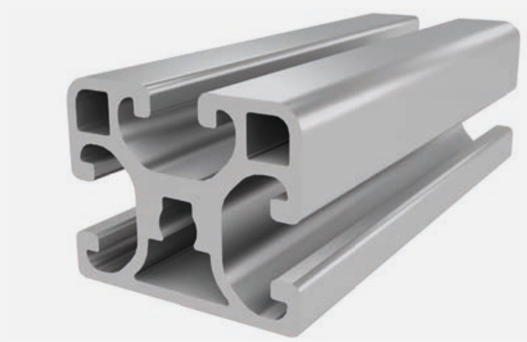
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x16	Cut to length	8	0.9 kg/m	**20205500**
40x16	3060	8	0.9 kg/m	**20205503**
40x16	6060	8	0.9 kg/m	**20205501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 8 40x16
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x16	8	1	Black	**421015**



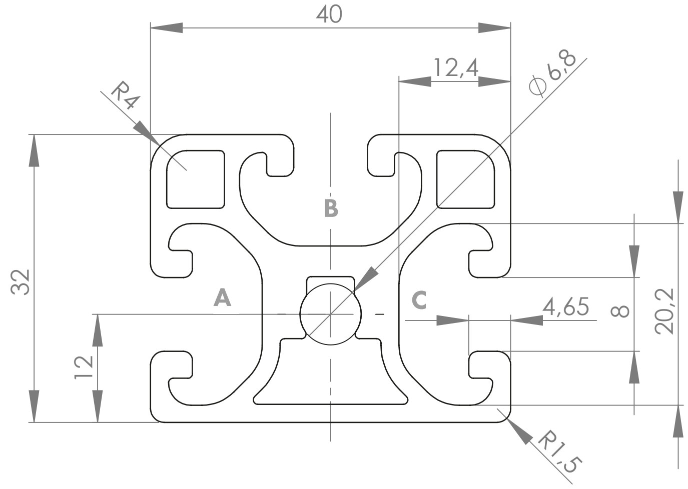
8

PROFILE 8 40x32L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	4.97
Moment of inertia Ix [cm⁴]	5.06
Moment of inertia Iy [cm⁴]	7.19
Section modulus Wx [cm³]	3.14
Section modulus Wy [cm³]	3.59
Weight m [kg/m]	1.34



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

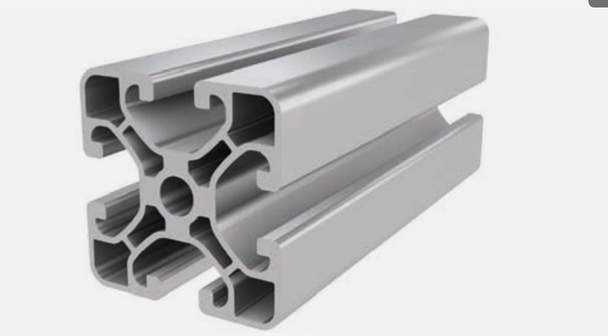
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x32L	Cut to length	8	1.34 kg/m	**20206200**
40x32L	6060	8	1.34 kg/m	**20206201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



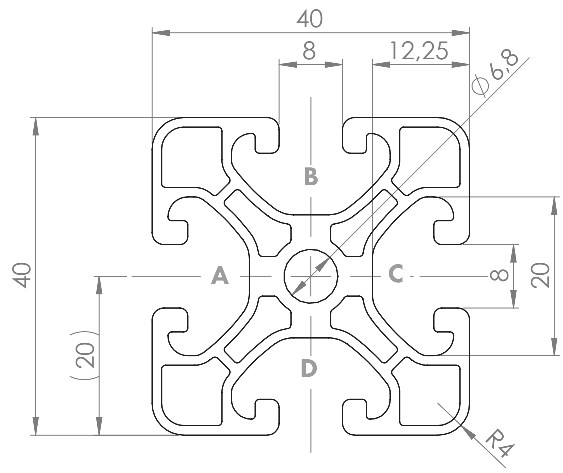
8

PROFILE 8 40x40 E

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.07
Moment of inertia Ix [cm⁴]	7.38
Moment of inertia Iy [cm⁴]	7.38
Section modulus Wx [cm³]	3.69
Section modulus Wy [cm³]	3.69
Weight m [kg/m]	1.37



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D7+ / -	**102352**
D7+ / D7+	**102353**
D14 / -	**102450**
D14 / D14	**102455**
D14 / D14V	**102475**
D20(Uni) / -	**1020301**
D20 (Uni) / D20 (Uni)	**1020302**
D20 (Uni) / D20V (Uni)	**1020313**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**
D12-15 (SSV) / D12-15V (SSV)	**102449**

Explanations and further processing options can be found on p. 223-231

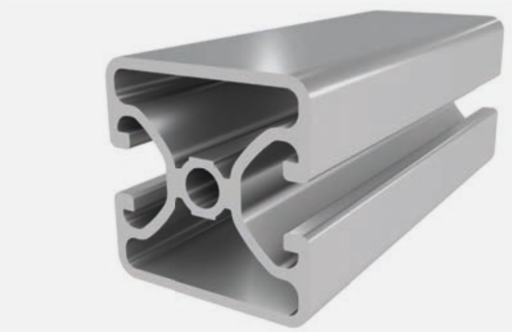
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40 E	Cut to length	8	1.37 kg/m	**20207100**
40x40 E	3060	8	1.37 kg/m	**20207103**
40x40 E	6060	8	1.37 kg/m	**20207101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**

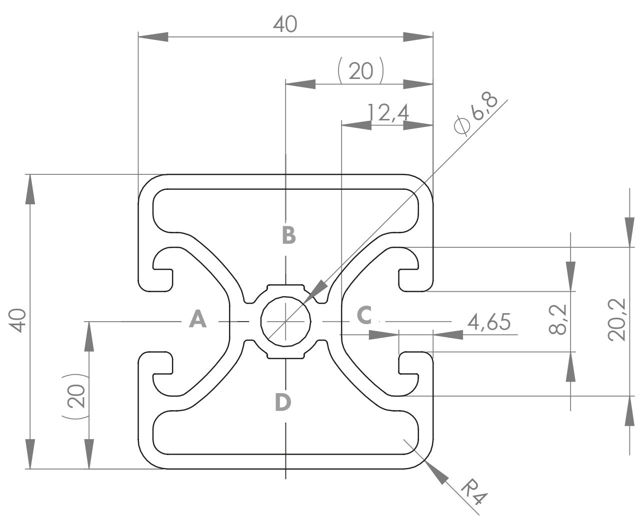


PROFILE 8 40x40 E 2N180

Material: anodised aluminium

Technical data:

Surface A [cm²]	4.98
Moment of inertia Ix [cm⁴]	8.15
Moment of inertia Iy [cm⁴]	8.77
Section modulus Wx [cm³]	4.07
Section modulus Wy [cm³]	4.38
Weight m [kg/m]	1.35



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D20(Uni)/ -	**1020301**
D20(Uni)/D20(Uni)	**1020302**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**

Explanations and further processing options can be found on p. 223-231

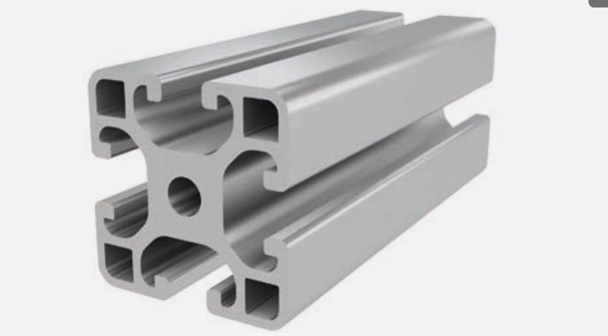
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40 E 2N180	Cut to length	8	1.37 kg/m	**20207140**
40x40 E 2N180	6060	8	1.37 kg/m	**20207141**

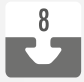
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**

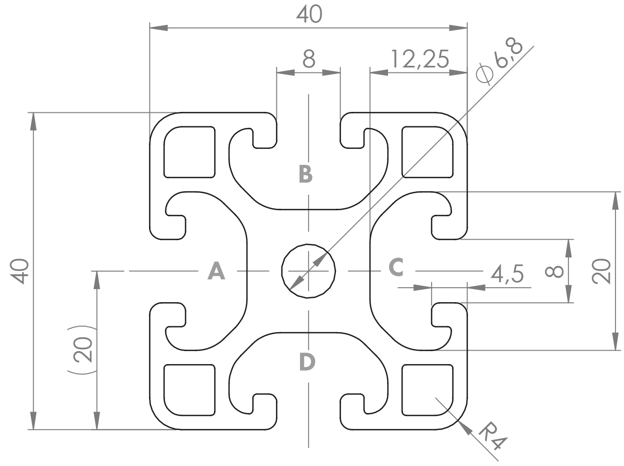




PROFILE 8 40x40L (light)
Material: anodised aluminium

Technical data:

Surface A [cm²]	6.46
Moment of inertia Ix [cm⁴]	9.00
Moment of inertia Iy [cm⁴]	9.00
Section modulus Wx [cm³]	4.50
Section modulus Wy [cm³]	4.50
Weight m [kg/m]	1.74



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D7+ / -	**102352**
D7+ / D7+	**102353**
D14 / -	**102450**
D14 / D14	**102455**
D14 / D14V	**102475**
D20(Uni) / -	**1020301**
D20 (Uni) / D20 (Uni)	**1020302**
D20 (Uni) / D20V (Uni)	**1020313**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**
D12-15 (SSV) / D12-15V (SSV)	**102449**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L	Cut to length	8	1.74 kg/m	**20206000**
40x40L	3060	8	1.74 kg/m	**20206003**
40x40L	6060	8	1.74 kg/m	**20206001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø 10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**

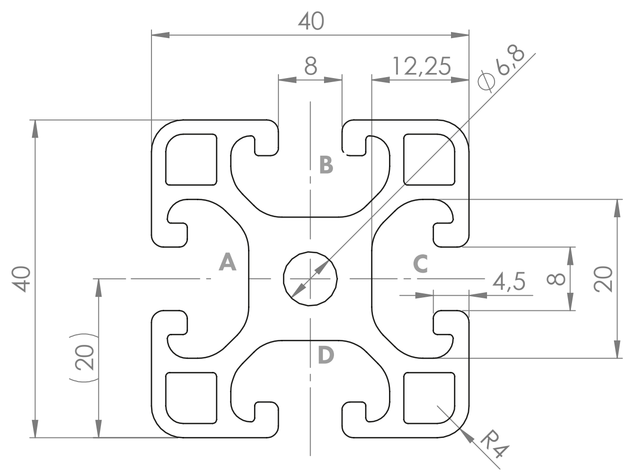
8

PROFILE 8 40x40L (black)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.46
Moment of inertia Ix [cm^4]	9.00
Moment of inertia Iy [cm^4]	9.00
Section modulus Wx [cm^3]	4.50
Section modulus Wy [cm^3]	4.50
Weight m [kg/m]	1.74



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D7+ / -	**102352**
D7+ / D7+	**102353**
D14 / -	**102450**
D14 / D14	**102455**
D14 / D14V	**102475**
D20(Uni) / -	**1020301**
D20 (Uni) / D20 (Uni)	**1020302**
D20 (Uni) / D20V (Uni)	**1020313**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**
D12-15 (SSV) / D12-15V (SSV)	**102449**

Explanations and further processing options can be found on p. 223-231

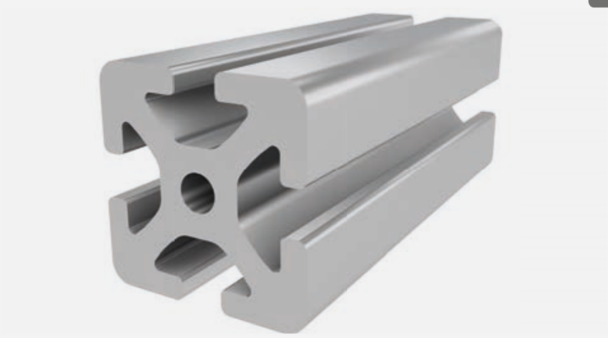
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L, black	Cut to length	8	1.74 kg/m	**20206005**
40x40L, black	6060	8	1.74 kg/m	**20206006**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø 10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**

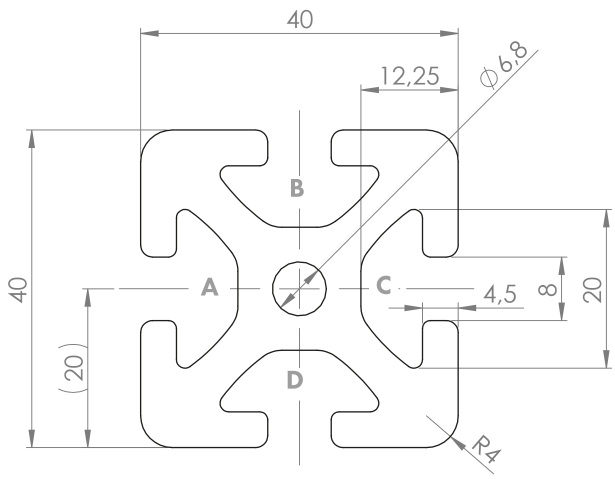


PROFILE 8 40x40

Material: anodised aluminium

Technical data:

Surface A [cm²]	9.16
Moment of inertia Ix [cm⁴]	13.96
Moment of inertia Iy [cm⁴]	13.96
Section modulus Wx [cm³]	6.98
Section modulus Wy [cm³]	6.98
Weight m [kg/m]	2.47



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D7+ / -	**102352**
D7+ / D7+	**102353**
D14 / -	**102450**
D14 / D14	**102455**
D14 / D14V	**102475**
D20(Uni) / -	**1020301**
D20 (Uni) / D20 (Uni)	**1020302**
D20 (Uni) / D20V (Uni)	**1020313**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**
D12-15 (SSV) / D12-15V (SSV)	**102449**

Explanations and further processing options can be found on p. 223-231

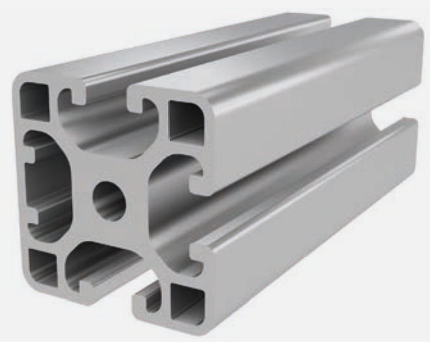
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40	Cut to length	8	2.74 kg/m	**20207200**
40x40	3060	8	2.74 kg/m	**20207203**
40x40	6060	8	2.74 kg/m	**20207201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø 10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**



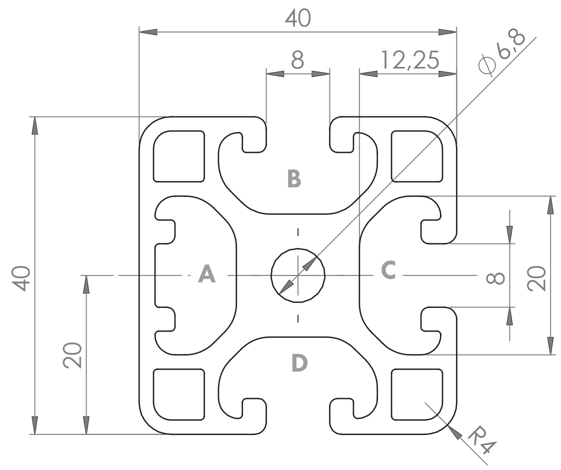
8

PROFILE 8 40x40L 1N (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.61
Moment of inertia Ix [cm⁴]	9.54
Moment of inertia Iy [cm⁴]	9.01
Section modulus Wx [cm³]	4.66
Section modulus Wy [cm³]	4.50
Weight m [kg/m]	1.78



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D14 / -	**102450**
D14 / D14	**102455**
D20(Uni) / -	**1020301**
D20 (Uni) / D20 (Uni)	**1020302**
D20 (Uni) / D20V (Uni)	**1020313**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**
D12-15 (SSV) / D12-15V (SSV)	**102449**

Explanations and further processing options can be found on p. 223-231

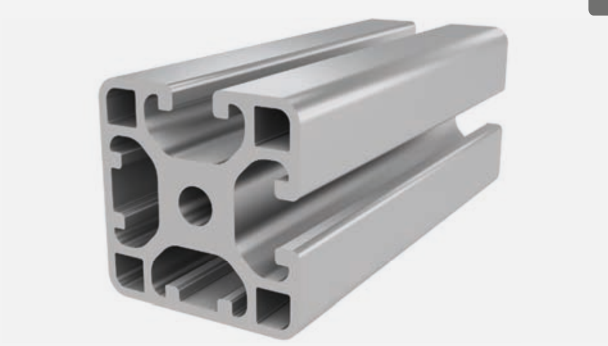
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 1N	Cut to length	8	1.78 kg/m	**20206010**
40x40L 1N	3060	8	1.78 kg/m	**20206013**
40x40L 1N	6060	8	1.78 kg/m	**20206011**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø 10.5)	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**



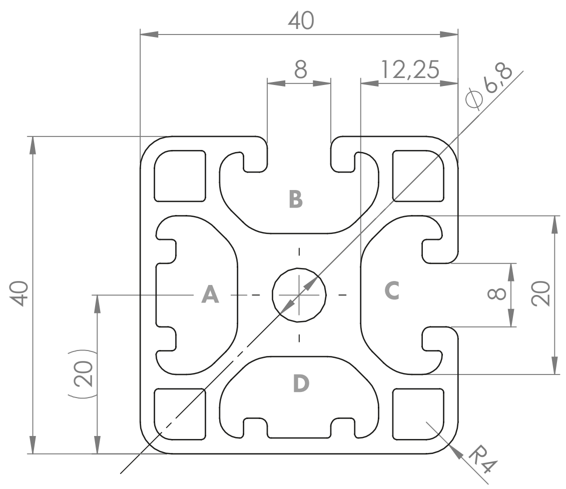
8

PROFILE 8 40x40L 2N90 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.80
Moment of inertia Ix [cm⁴]	9.64
Moment of inertia Iy [cm⁴]	9.64
Section modulus Wx [cm³]	4.70
Section modulus Wy [cm³]	4.70
Weight m [kg/m]	1.84



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D7+ / -	**102352**
D7+ / D7+	**102353**
D20 (Uni) / -	**1020301**
D20 (Uni) / D20 (Uni)	**1020302**
D20 (Uni) / D20V (Uni)	**1020313**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**
D12-15 (SSV) / D12-15V (SSV)	**102449**

Explanations and further processing options can be found on p. 223-231

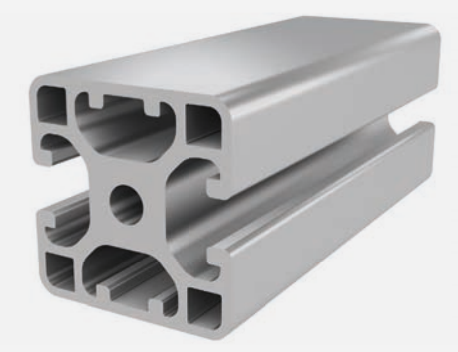
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 2N90	Cut to length	8	1.84 kg/m	**20206020**
40x40L 2N90	3060	8	1.84 kg/m	**20206023**
40x40L 2N90	6060	8	1.84 kg/m	**20206021**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø 10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**



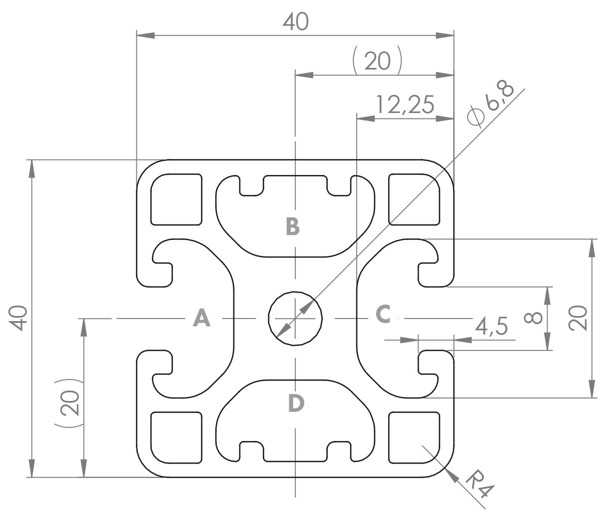
8

PROFILE 8 40x40L 2N180 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.77
Moment of inertia Ix [cm⁴]	9.02
Moment of inertia Iy [cm⁴]	10.11
Section modulus Wx [cm³]	4.51
Section modulus Wy [cm³]	5.05
Weight m [kg/m]	1.83



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D7+ / -	**102352**
D7+ / D7+	**102353**
D14 / -	**102450**
D14 / D14	**102455**
D20 (Uni) / -	**1020301**
D20 (Uni) / D20 (Uni)	**1020302**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 2N180	Cut to length	8	1.83 kg/m	**20206040**
40x40L 2N180	6060	8	1.83 kg/m	**20206041**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø 10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**

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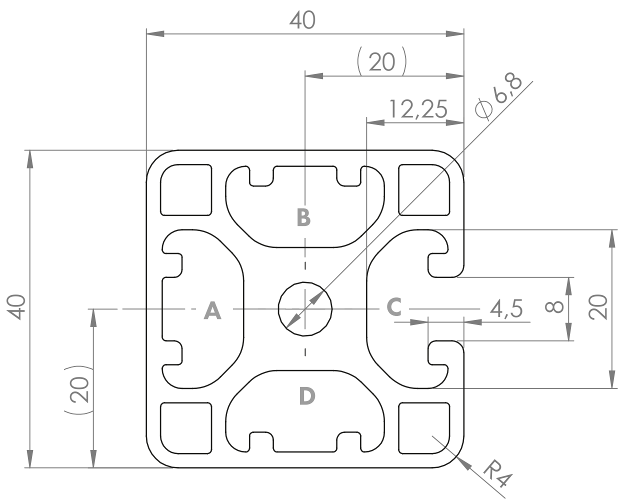
PROFILE 8 40x40L 3N (light)
Material: anodised aluminium

Technical data:

Surface A [cm²]	6.96
Moment of inertia Ix [cm⁴]	9.62
Moment of inertia Iy [cm⁴]	10.22
Section modulus Wx [cm³]	4.70
Section modulus Wy [cm³]	5.11
Weight m [kg/m]	1.90



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7 / -	**102350**
D7 / D7	**102351**
D7 / D7V	**102359**
D7+ / -	**102352**
D7+ / D7+	**102353**
D20(Uni)/ -	**1020301**
D20(Uni)/D20(Uni)	**1020302**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**

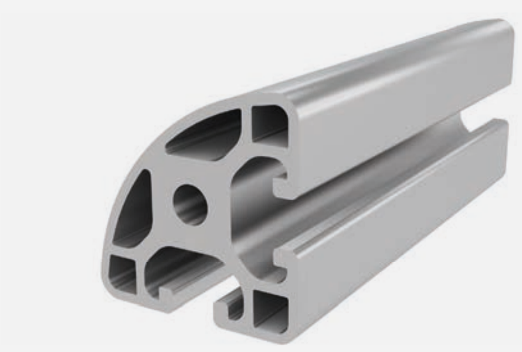
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 3N	Cut to length	8	1.84 kg/m	**20206030**
40x40L 3N	6060	8	1.84 kg/m	**20206031**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 8 40x40
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	4.8	With hole (Ø 10.5), black	**421048**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**



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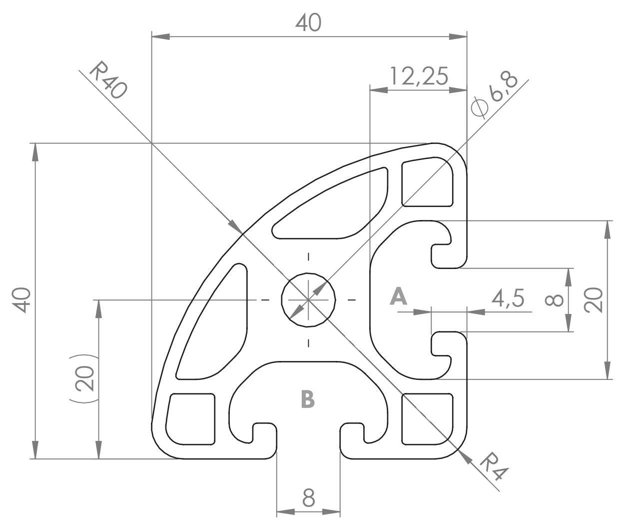
PROFILE 8 40x40L R40-90° (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.72
Moment of inertia Ix [cm⁴]	6.65
Moment of inertia Iy [cm⁴]	6.65
Section modulus Wx [cm³]	3.04
Section modulus Wy [cm³]	3.04
Weight m [kg/m]	1.54



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D20(Uni)/ -	**1020301**
D20(Uni)/D20(Uni)	**1020302**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**

Explanations and further processing options can be found on p. 223-231

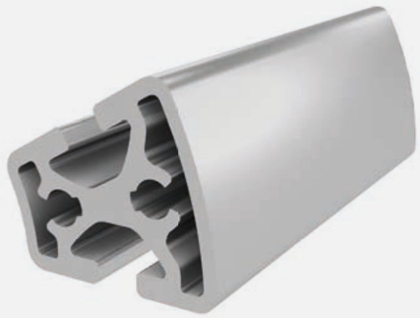
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L R40-90°	Cut to length	8	154 kg/m	**20206100**
40x40L R40-90°	6060	8	154 kg/m	**20206101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 R40-90°

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
R40-90°	8	4.4	Black	**421041**

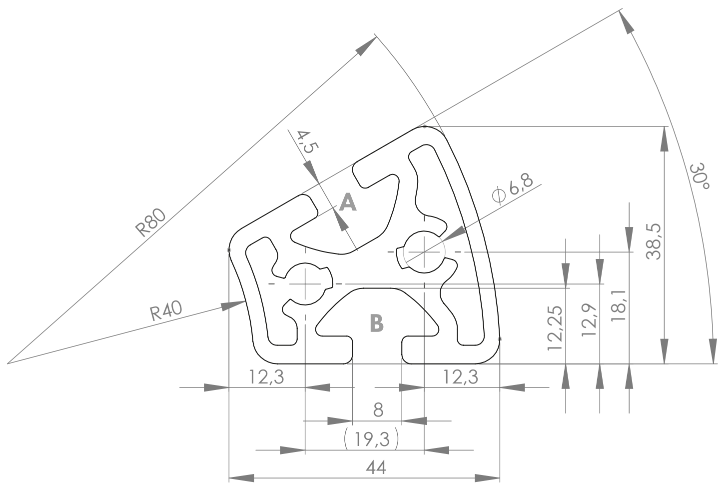


PROFILE 8 40x40L R40/80 - 30° (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.20
Moment of inertia Ix [cm⁴]	6.50
Moment of inertia Iy [cm⁴]	8.90
Section modulus Wx [cm³]	2.90
Section modulus Wy [cm³]	3.85
Weight m [kg/m]	1.67



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8= / M8=	**103210**

Explanations and further processing options can be found on p. 223-231

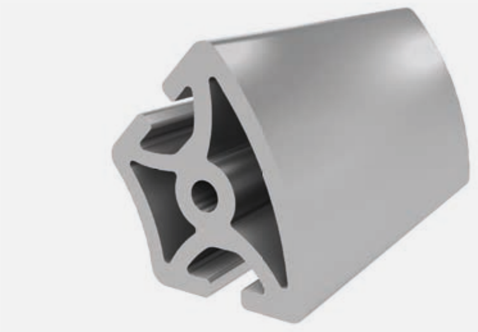
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L R40/80 - 30°	Cut to length	8	1.67 kg/m	**20207300**
40x40L R40/80 - 30°	6060	8	1.67 kg/m	**20207301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 R40/80 - 30°

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
R40/80 - 30°	8	4.2	Black	**421043**



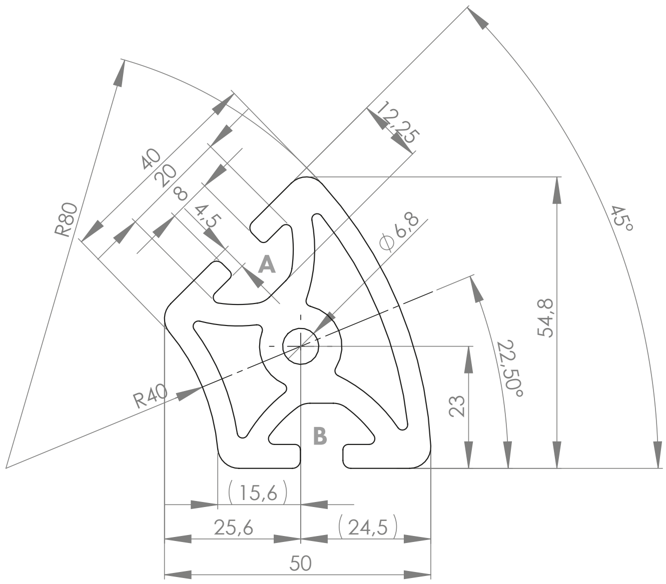
8

PROFILE 8 40x40L R40/80 - 45° (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	10.23
Moment of inertia Ix [cm⁴]	21.33
Moment of inertia Iy [cm⁴]	16.06
Section modulus Wx [cm³]	6.74
Section modulus Wy [cm³]	6.14
Weight m [kg/m]	2.76



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

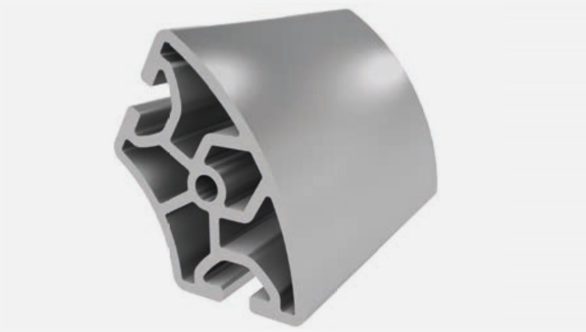
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L R40/80 - 45°	Cut to length	8	2.76 kg/m	**20207400**
40x40L R40/80 - 45°	6060	8	2.76 kg/m	**20207401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 R40/80 - 45°

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
R40/80 - 45°	8	5.8	Black	**421044**

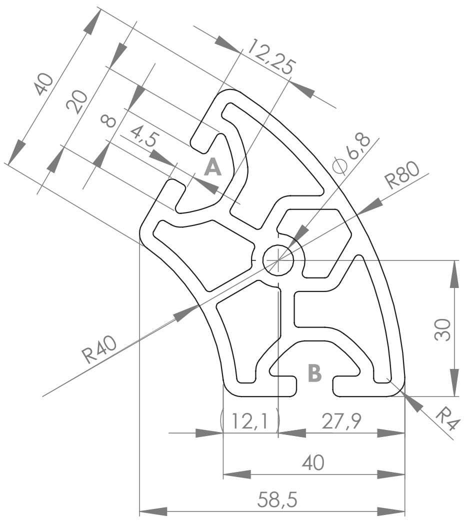


PROFILE 8 40x40L R40/80 - 60° (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	10.50
Moment of inertia Ix [cm⁴]	22.64
Moment of inertia Iy [cm⁴]	34.92
Section modulus Wx [cm³]	5.96
Section modulus Wy [cm³]	11.56
Weight m [kg/m]	2.82



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L R40/80 - 60°	Cut to length	8	2.82 kg/m	**20207500**
40x40L R40/80 - 60°	6060	8	2.82 kg/m	**20207501**

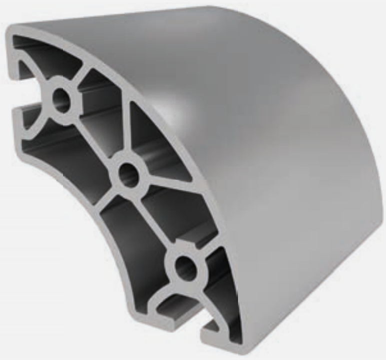
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 R40/80 - 60°

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
R40/80 - 60°	8	7.8	Black	**421045**

1



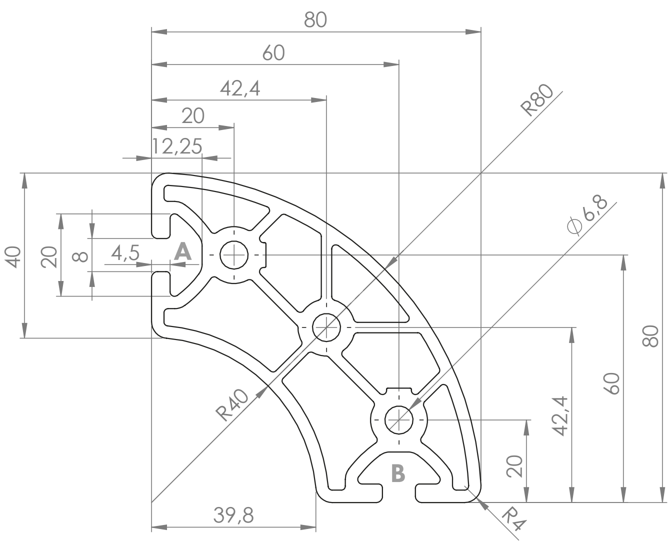
8

PROFILE 8 40x40L R40/80 - 90° (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	15.00
Moment of inertia Ix [cm⁴]	76.25
Moment of inertia Iy [cm⁴]	76.25
Section modulus Wx [cm³]	18.69
Section modulus Wy [cm³]	18.69
Weight m [kg/m]	4.05



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8= / M8=	**103210**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L R40/80 - 90°	Cut to length	8	4.05 kg/m	**20207600**
40x40L R40/80 - 90°	6060	8	4.05 kg/m	**20207601**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

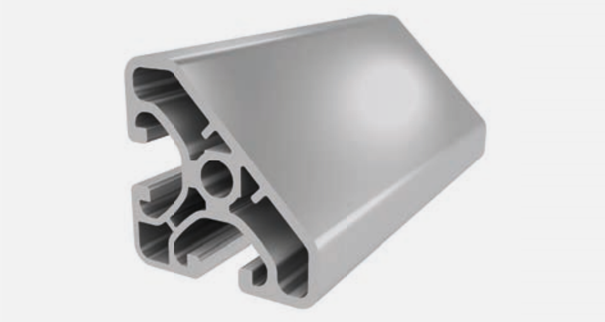
COVER CAP 8 R40/80 - 90°

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
R40/80 - 90°	8	11	Black	**421046**

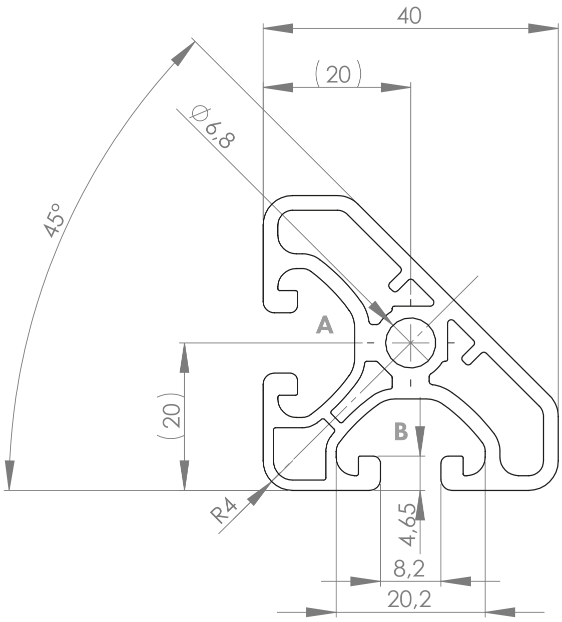
8

PROFILE 8 40x40 E 45°
Material: anodised aluminium



Technical data:

Surface A [cm²]	4.54
Moment of inertia Ix [cm⁴]	5.95
Moment of inertia Iy [cm⁴]	5.95
Section modulus Wx [cm³]	2.60
Section modulus Wy [cm³]	2.60
Weight m [kg/m]	1.23



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D20(Uni)/ -	**1020301**
D20(Uni)/D20(Uni)	**1020302**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40 E 45°	Cut to length	8	1.23 kg/m	**20206780**
40x40 E 45°	6060	8	1.23 kg/m	**20206781**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

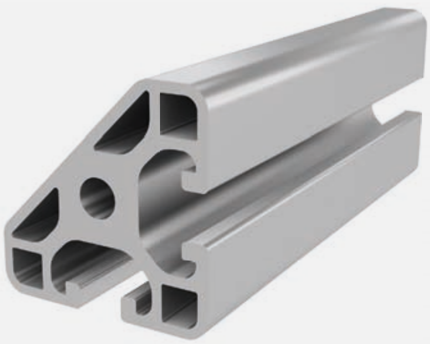
COVER CAP 8 40x40-45°
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40-45°	8	1.9	Black	**421042**

1

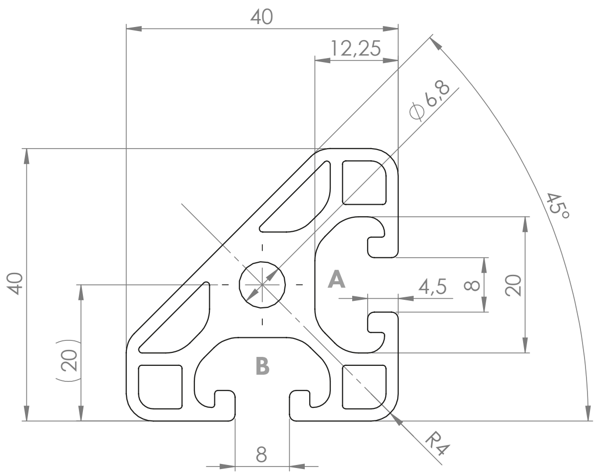
PROFILE 8 40x40L 45° (light)

Material: anodised aluminium



Technical data:

Surface A [cm²]	5.58
Moment of inertia Ix [cm⁴]	6.50
Moment of inertia Iy [cm⁴]	6.50
Section modulus Wx [cm³]	2.90
Section modulus Wy [cm³]	2.90
Weight m [kg/m]	1.50



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D20(Uni)/ -	**1020301**
D20(Uni)/D20(Uni)	**1020302**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 45°	Cut to length	8	1.5 kg/m	**20206700**
40x40L 45°	3060	8	1.5 kg/m	**20206703**
40x40L 45°	6060	8	1.5 kg/m	**20206701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40-45°

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40-45°	8	1.9	Black	**421042**

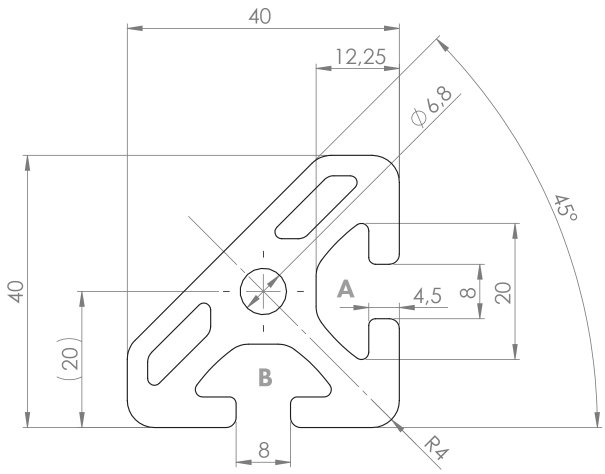
8

PROFILE 8 40x40 45°

Material: anodised aluminium

Technical data:

Surface A [cm²]	7.30
Moment of inertia Ix [cm⁴]	9.39
Moment of inertia Iy [cm⁴]	9.39
Section modulus Wx [cm³]	4.08
Section modulus Wy [cm³]	4.08
Weight m [kg/m]	1.97



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D20(Uni)/ -	**1020301**
D20(Uni)/D20(Uni)	**1020302**
D12-15 (SSV) / -	**102445**
D12-15 (SSV) / D12-15 (SSV)	**102446**

Explanations and further processing options can be found on p. 223-231

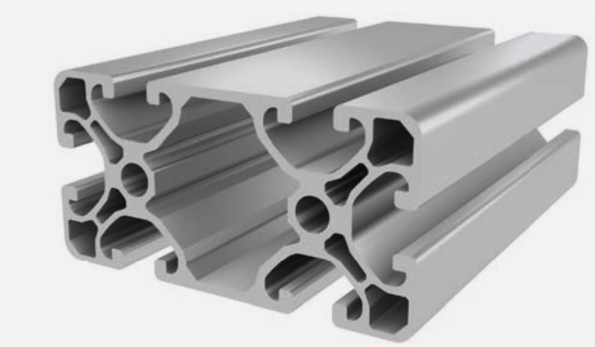
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40 45°	Cut to length	8	1.97 kg/m	**20206600**
40x40 45°	6060	8	1.97 kg/m	**20206601**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x40-45°

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40-45°	8	1.9	Black	**421042**

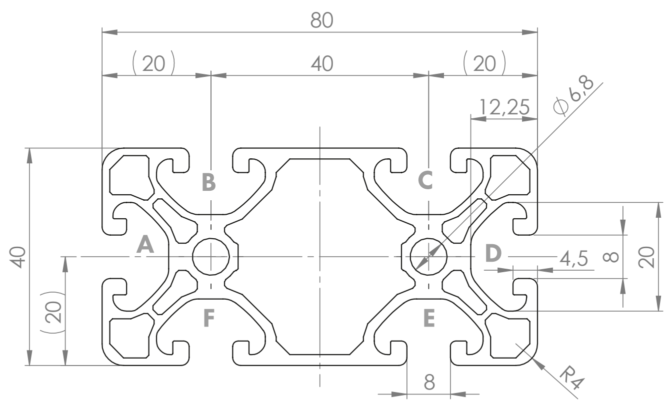


PROFILE 8 40x80 E

Material: anodised aluminium

Technical data:

Surface A [cm²]	8.95
Moment of inertia Ix [cm⁴]	15.20
Moment of inertia Iy [cm⁴]	57.80
Section modulus Wx [cm³]	7.60
Section modulus Wy [cm³]	14.50
Weight m [kg/m]	2.41



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D14= / -	**102460**
D14= / D14=	**102465**
D14= / D14V	**102485**
D14V / -	**102470**
D14V / D14V	**102480**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

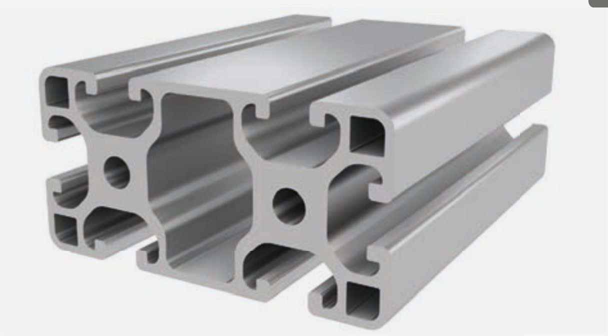
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80 E	Cut to length	8	2.41 kg/m	**20207800**
40x80 E	6060	8	2.41 kg/m	**20207801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**

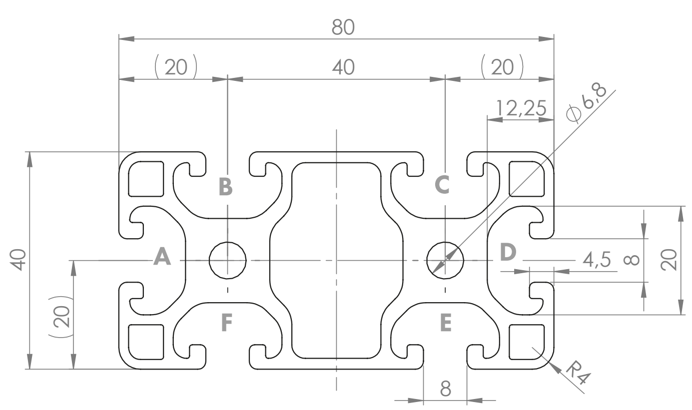


PROFILE 8 40x80L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.38
Moment of inertia Ix [cm⁴]	16.60
Moment of inertia Iy [cm⁴]	69.54
Section modulus Wx [cm³]	8.30
Section modulus Wy [cm³]	17.38
Weight m [kg/m]	3.04



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D14= / -	**102460**
D14= / D14=	**102465**
D14= / D14V	**102485**
D14V / -	**102470**
D14V / D14V	**102480**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

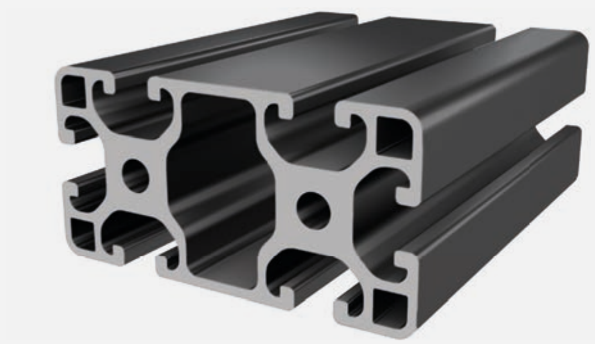
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L	Cut to length	8	3.04 kg/m	**20208000**
40x80L	6060	8	3.04 kg/m	**20208001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**



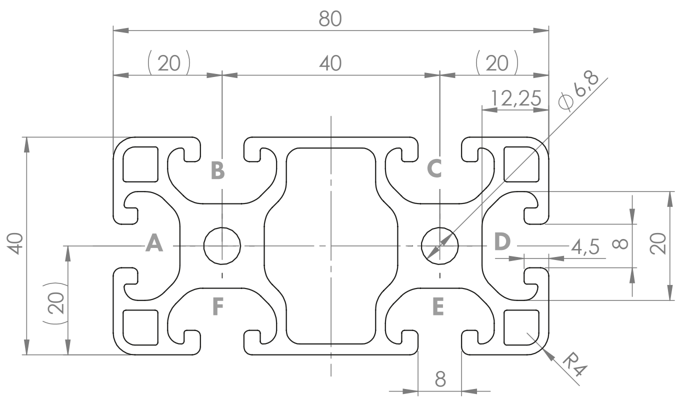
8

PROFILE 8 40x80L (black)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.38
Moment of inertia Ix [cm⁴]	16.60
Moment of inertia Iy [cm⁴]	69.54
Section modulus Wx [cm³]	8.30
Section modulus Wy [cm³]	17.38
Weight m [kg/m]	3.04



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D14= / -	**102460**
D14= / D14=	**102465**
D14= / D14V	**102485**
D14V / -	**102470**
D14V / D14V	**102480**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

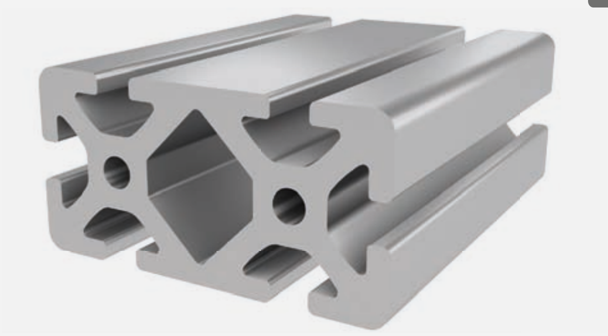
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L, black	Cut to length	8	3.04 kg/m	**20208005**
40x80L, black	6060	8	3.04 kg/m	**20208006**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**

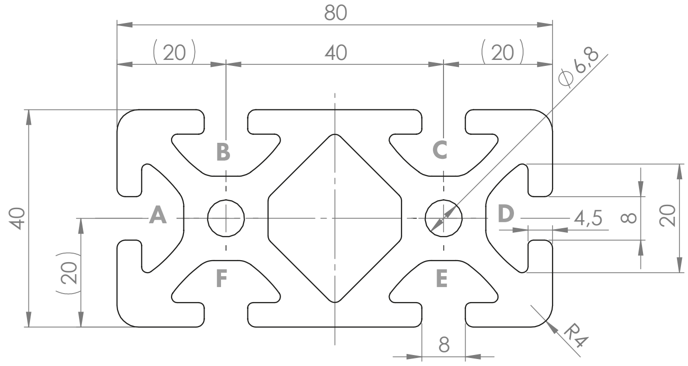


PROFILE 8 40x80

Material: anodised aluminium

Technical data:

Surface A [cm^2]	16.76
Moment of inertia Ix [cm^4]	26.87
Moment of inertia Iy [cm^4]	101.19
Section modulus Wx [cm^3]	13.44
Section modulus Wy [cm^3]	25.29
Weight m [kg/m]	4.53



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D14= / -	**102460**
D14= / D14=	**102465**
D14= / D14V	**102485**
D14V / -	**102470**
D14V / D14V	**102480**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

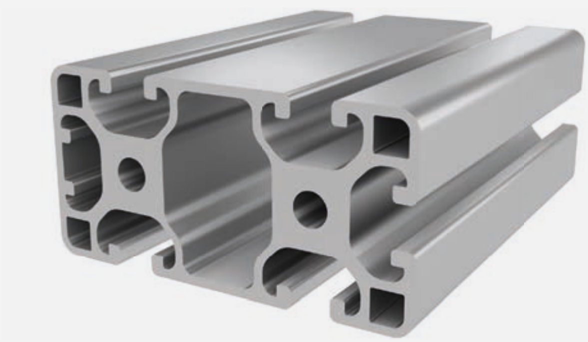
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80	Cut to length	8	4.53 kg/m	**20208100**
40x80	6060	8	4.53 kg/m	**20208101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**



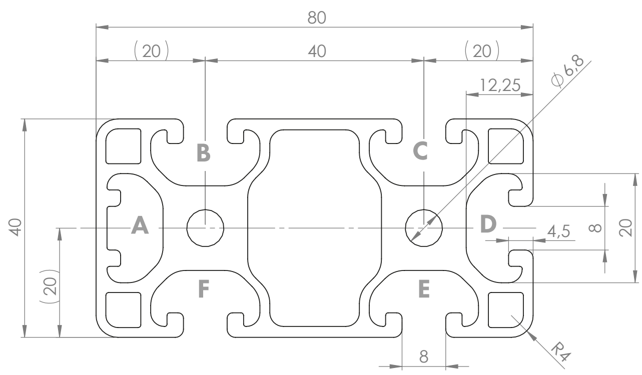
8

PROFILE 8 40x80L 1N (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.53
Moment of inertia Ix [cm⁴]	16.92
Moment of inertia Iy [cm⁴]	72.13
Section modulus Wx [cm³]	8.46
Section modulus Wy [cm³]	17.81
Weight m [kg/m]	3.12



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102120**
D7= / D7=	**102355**
D7V / -	**102356**
D7V / D7V	**102357**
D14= / -	**102460**
D14= / D14=	**102465**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L 1N	Cut to length	8	3.12 kg/m	**20208010**
40x80L 1N	6060	8	3.12 kg/m	**20208011**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

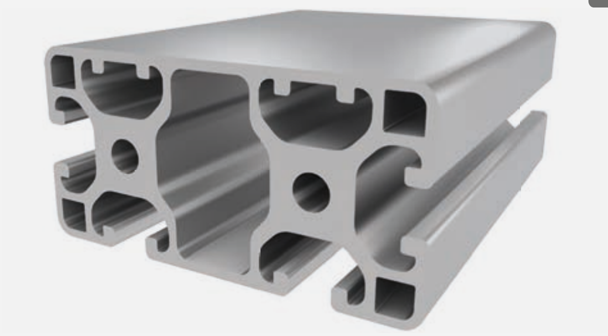
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**

8

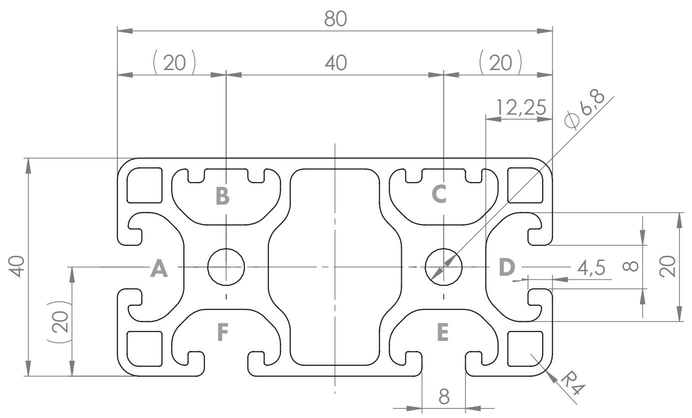
PROFILE 8 40x80L 2N (light)

Material: anodised aluminium



Technical data:

Surface A [cm²]	11.60
Moment of inertia Ix [cm⁴]	17.73
Moment of inertia Iy [cm⁴]	70.87
Section modulus Wx [cm³]	8.63
Section modulus Wy [cm³]	17.72
Weight m [kg/m]	3.13



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D14V / -	**102470**
D14V / D14V	**102480**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

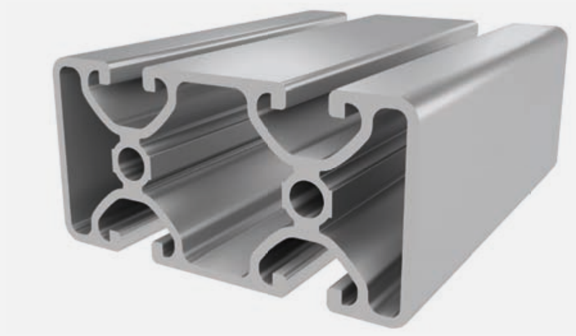
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L 2N	Cut to length	8	3.13 kg/m	**20208050**
40x80L 2N	6060	8	3.13 kg/m	**20208051**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**



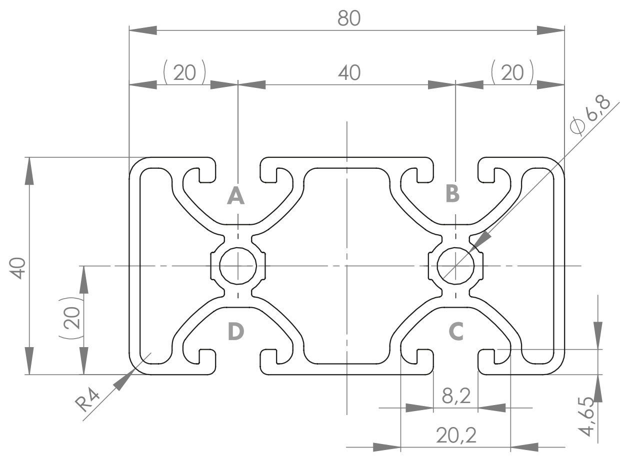
8

PROFILE 8 40x80 E 2N180

Material: anodised aluminium

Technical data:

Surface A [cm²]	8.26
Moment of inertia Ix [cm^4]	56.96
Moment of inertia Iy [cm^4]	15.69
Section modulus Wx [cm^3]	14.24
Section modulus Wy [cm^3]	7.85
Weight m [kg/m]	2.23



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D14= / -	**102460**
D14= / D14=	**102465**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

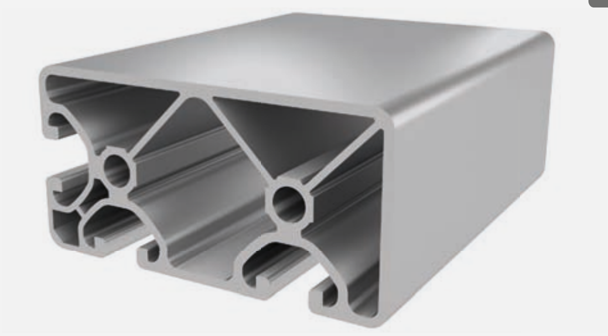
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80 E 2N180	Cut to length	8	2.23 kg/m	**20207840**
40x80 E 2N180	6060	8	2.23 kg/m	**20207841**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**



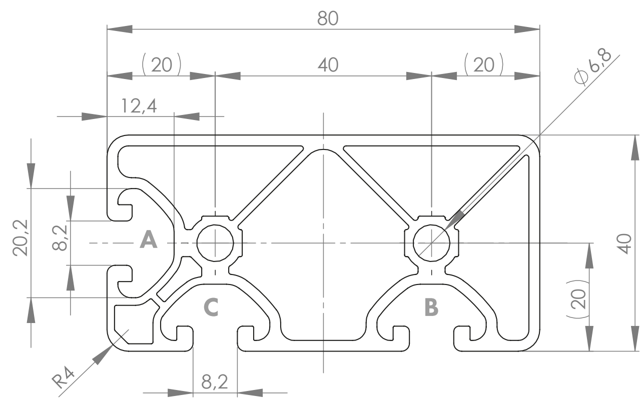
8

PROFILE 8 40x80 E 3N90

Material: anodised aluminium

Technical data:

Surface A [cm²]	7.82
Moment of inertia Ix [cm⁴]	8.46
Moment of inertia Iy [cm⁴]	56.50
Section modulus Wx [cm³]	15.97
Section modulus Wy [cm³]	13.83
Weight m [kg/m]	7.82



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80 E 3N90	Cut to length	8	2.29 kg/m	**20207820**
40x80 E 3N90	6060	8	2.29 kg/m	**20207821**

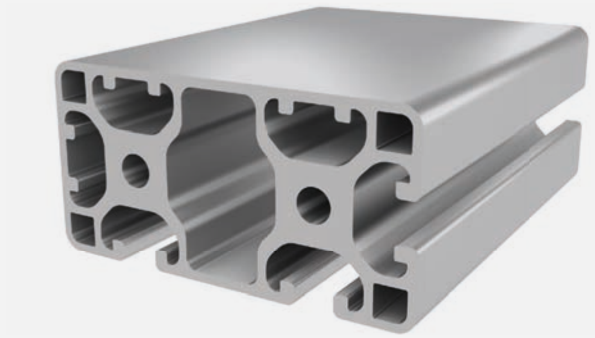
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**

1



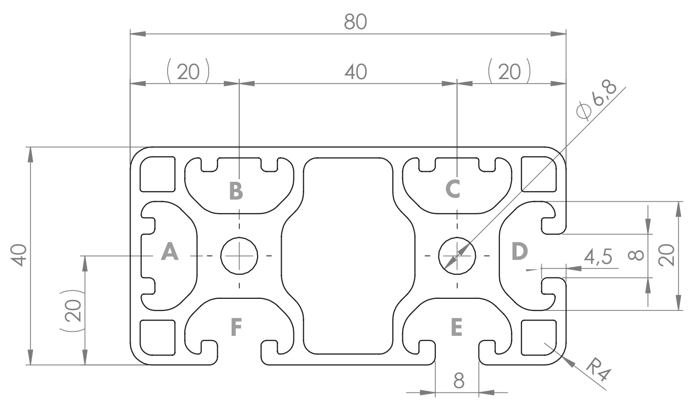
8

PROFILE 8 40x80L 3N90 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.98
Moment of inertia Ix [cm⁴]	18.24
Moment of inertia Iy [cm⁴]	76.12
Section modulus Wx [cm³]	9.12
Section modulus Wy [cm³]	17.72
Weight m [kg/m]	3.14



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V	**102358**
D7V / -	**102356**
D7V / D7V	**102357**
D12-15= (SSV) / -	**102447**
D12-15= (SSV) / D12-15= (SSV)	**102448**

Explanations and further processing options can be found on p. 223-231

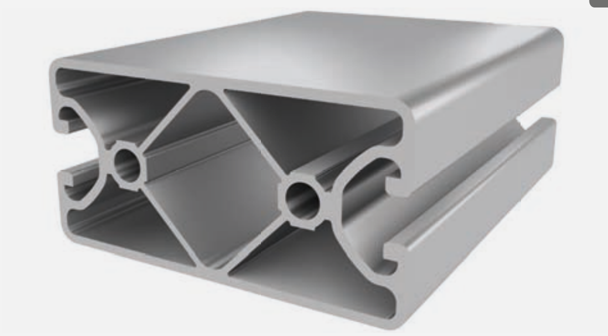
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L 3N90	Cut to length	8	2.29 kg/m	**20208020**
40x80L 3N90	6060	8	2.29 kg/m	**20208021**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 8 40x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**

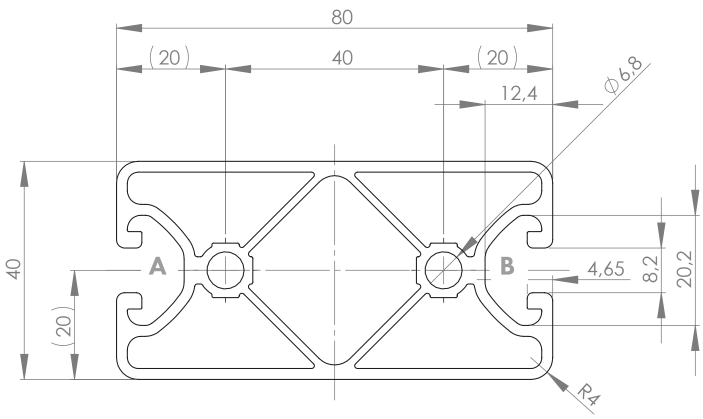


PROFILE 8 40x80 E 4N180

Material: anodised aluminium

Technical data:

Surface A [cm²]	8.26
Moment of inertia Ix [cm⁴]	56.96
Moment of inertia Iy [cm⁴]	15.69
Section modulus Wx [cm³]	14.24
Section modulus Wy [cm³]	7.85
Weight m [kg/m]	2.23



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D7V / -	**102356**
D7V / D7V	**102357**
D14V / -	**102470**
D14V / D14V	**102480**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80 E 4N180	Cut to length	8	2.33 kg/m	**20207860**
40x80 E 4N180	6060	8	2.33 kg/m	**20207861**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 40x80

Material: PA plastic

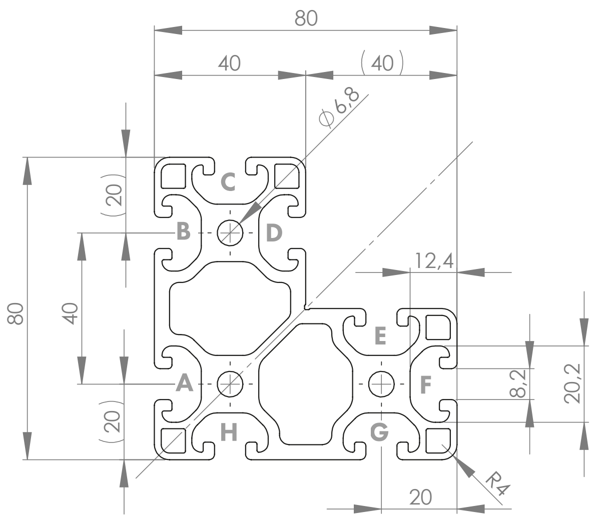
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	8	9.6	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**

8

PROFILE 8 40x80x80L (light)
Material: anodised aluminium

Technical data:

Surface A [cm²]	17.78
Moment of inertia Ix [cm⁴]	96.07
Moment of inertia Iy [cm⁴]	96.07
Section modulus Wx [cm³]	20.69
Section modulus Wy [cm³]	20.69
Weight m [kg/m]	4.80



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8= / M8=	**103210**
D14V / -	**102470**
D14V / D14V	**102480**

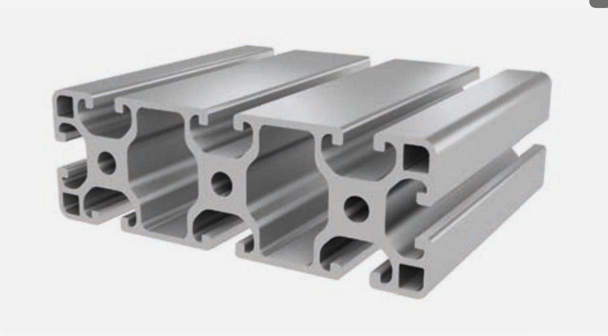
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80x80L	Cut to length	8	4.8 kg/m	**20210800**
40x80x80L	6060	8	4.8 kg/m	**20210801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 40x40; 40x80
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	8	6	Black	**421040**
40x40	8	6	Grey (similar to RAL 7042)	**99900685**
40x80	8	9	Black	**421050**
40x80	8	12	Screwable (2xM4), black	**421051**
40x80	8	9.6	Grey (similar to RAL 7042)	**99900694**



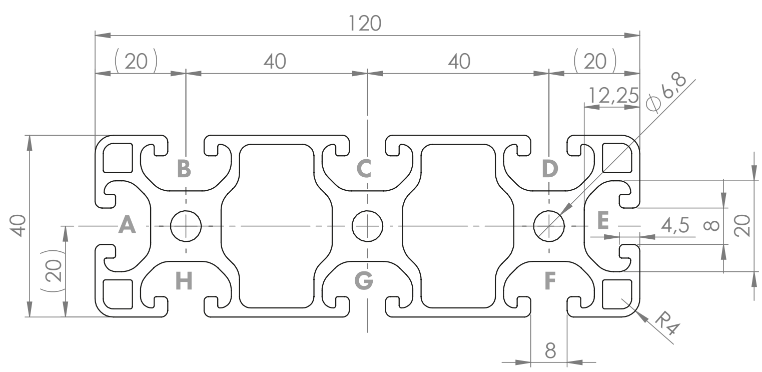
8

PROFILE 8 40 x 120L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	16.12
Moment of inertia Ix [cm⁴]	24.22
Moment of inertia Iy [cm⁴]	220.54
Section modulus Wx [cm³]	12.11
Section modulus Wy [cm³]	36.76
Weight m [kg/m]	4.35



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8= / M8=	**103210**
D14= / -	**102460**
D14= / D14=	**102465**
D20=(Uni) / -	**1020314**
D20=(Uni) / D20=(Uni)	**1020310**
D20V=(Uni) / -	**1020316**
D20V=(Uni) / D20V=(Uni)	**1020308**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x120L	Cut to length	8	4.35 kg/m	**20208300**
40x120L	6060	8	4.35 kg/m	**20208301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 40x120

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x120	8	15.2	Black	**421055**
40x120	8	15.2	Grey (similar to RAL 7042)	**99900684**

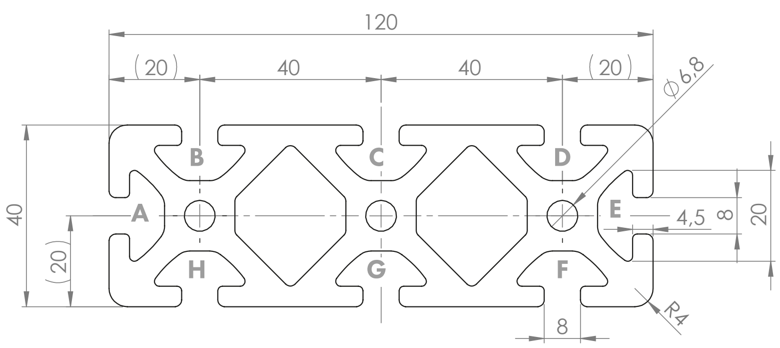
8

PROFILE 8 40x120

Material: anodised aluminium

Technical data:

Surface A [cm²]	24.38
Moment of inertia Ix [cm⁴]	39.80
Moment of inertia Iy [cm⁴]	322.66
Section modulus Wx [cm³]	19.90
Section modulus Wy [cm³]	53.77
Weight m [kg/m]	6.58



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8= / M8=	**103210**
D14= / -	**102460**
D14= / D14=	**102465**
D20=(Uni) / -	**1020314**
D20=(Uni) / D20=(Uni)	**1020310**
D20V=(Uni) / -	**1020316**
D20V=(Uni) / D20V=(Uni)	**1020308**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x120	Cut to length	8	6.58 kg/m	**20208400**
40x120	6060	8	6.58 kg/m	**20208401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 40x120

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x120	8	15.2	Black	**421055**
40x120	8	15.2	Grey (similar to RAL 7042)	**99900684**

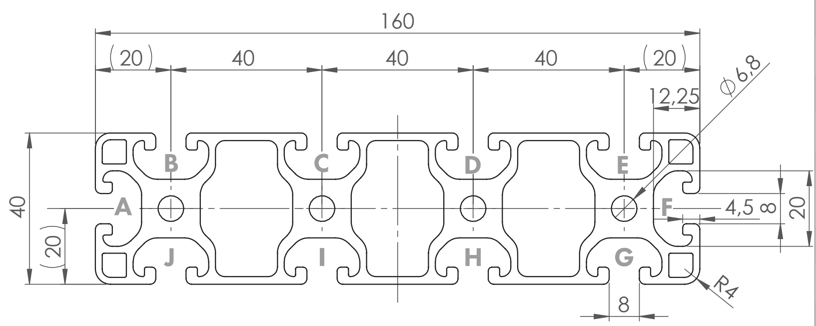
8

PROFILE 8 40 x 160L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	20.90
Moment of inertia Ix [cm⁴]	31.81
Moment of inertia Iy [cm⁴]	500.32
Section modulus Wx [cm³]	15.90
Section modulus Wy [cm³]	62.54
Weight m [kg/m]	5.64



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8 = / M8=	**103210**
D7= / -	**102120**
D7= / D7=	**102355**
D14= / -	**102460**
D14= / D14=	**102465**

Explanations and further processing options can be found on p. 223-231

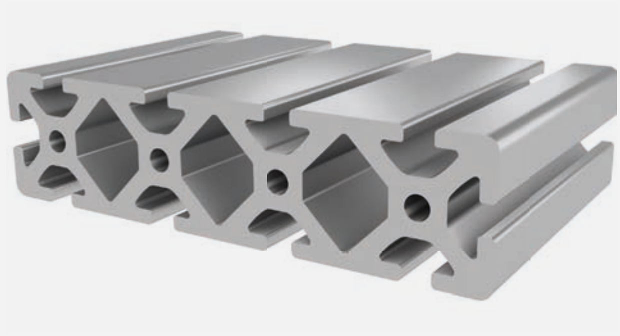
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x160L	Cut to length	8	5.64 kg/m	**20208500**
40x160L	6060	8	5.64 kg/m	**20208501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 40x160

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x160	8	21	Black	**421057**



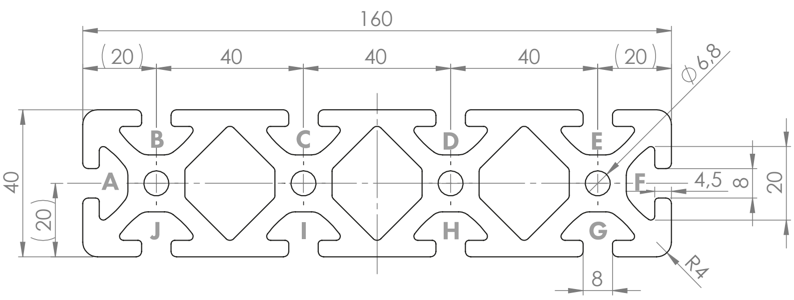
8

PROFILE 8 40x160

Material: anodised aluminium

Technical data:

Surface A [cm^2]	32.00
Moment of inertia Ix [cm^4]	52.72
Moment of inertia Iy [cm^4]	739.62
Section modulus Wx [cm^3]	26.36
Section modulus Wy [cm^3]	92.45
Weight m [kg/m]	8.64



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8 = / M8=	**103210**
D7= / -	**102120**
D7= / D7=	**102355**
D14= / -	**102460**
D14= / D14=	**102465**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x160	Cut to length	8	8.64 kg/m	**20208600**
40x160	6060	8	8.64 kg/m	**20208601**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 40x160

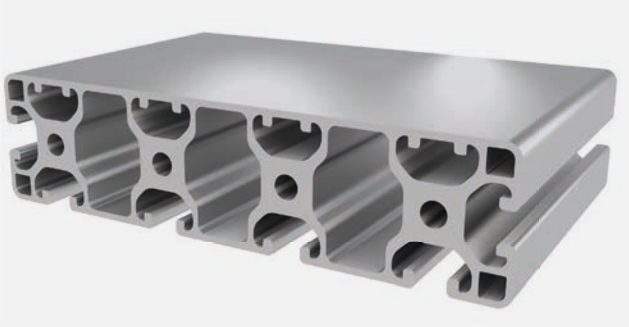
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x160	8	21.4	Black	**421057**

8

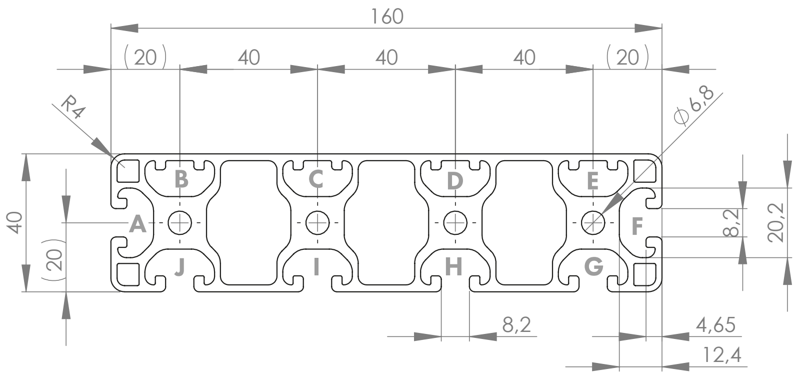
PROFILE 8 40x160L 4N (light)

Material: anodised aluminium



Technical data:

Surface A [cm²]	21.67
Moment of inertia Ix [cm⁴]	515.93
Moment of inertia Iy [cm⁴]	34.89
Section modulus Wx [cm³]	64.49
Section modulus Wy [cm³]	16.93
Weight m [kg/m]	5.85



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
M8= / -	**103215**
M8= / M8=	**103210**
D7= / -	**102354**
D7= / D7=	**102355**
D14= / -	**102460**
D14= / D14=	**102465**
D20V= / -	**1020316**
D20V= / D20V=	**1020308**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x160L 4N	Cut to length	8	5.64 kg/m	**20208540**
40x160L 4N	6060	8	5.64 kg/m	**20208541**

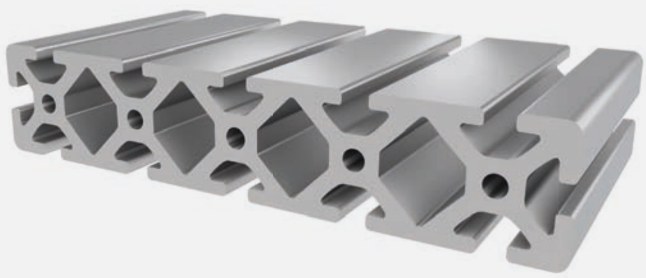
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 40x160

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x160	8	21	Black	**421057**

8

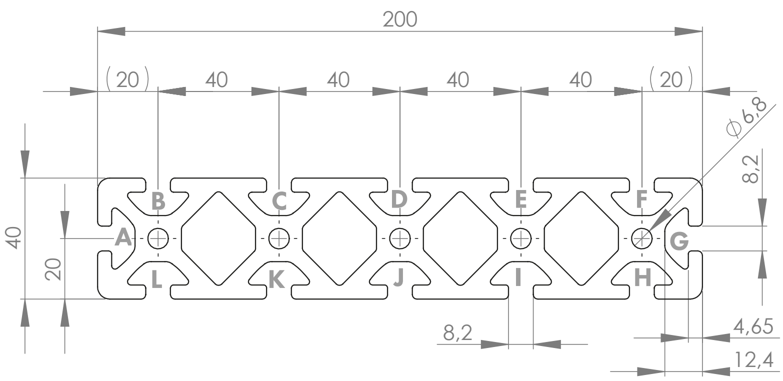


PROFILE 8 40x200

Material: anodised aluminium

Technical data:

Surface A [cm²]	39.50
Moment of inertia Ix [cm⁴]	1409.02
Moment of inertia Iy [cm⁴]	66.39
Section modulus Wx [cm³]	140.90
Section modulus Wy [cm³]	33.19
Weight m [kg/m]	10.66



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D14= / -	**102460**
D14= / D14=	**102465**
D20# / -	**1020317**
D20# / D20#	**10203010**

Explanations and further processing options can be found on p. 223-231

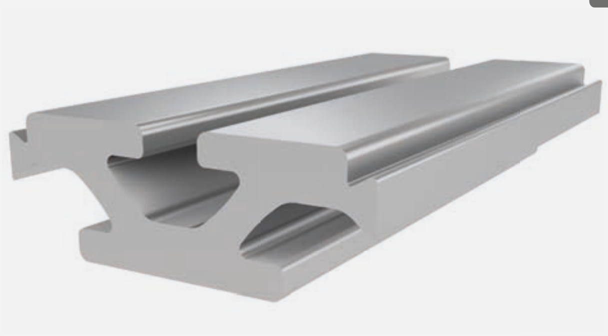
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x200	Cut to length	8	10.66 kg/m	**20210400**
40x200	6060	8	10.66 kg/m	**20210401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



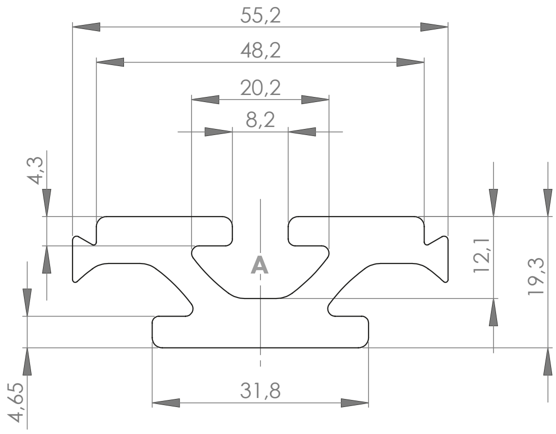
8

PROFILE 8 55x20

Material: anodised aluminium

Technical data:

Surface A [cm^2]	5.49
Moment of inertia Ix [cm^4]	2.02
Moment of inertia Iy [cm^4]	10.79
Section modulus Wx [cm^3]	1.93
Section modulus Wy [cm^3]	3.91
Weight m [kg/m]	1.48



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

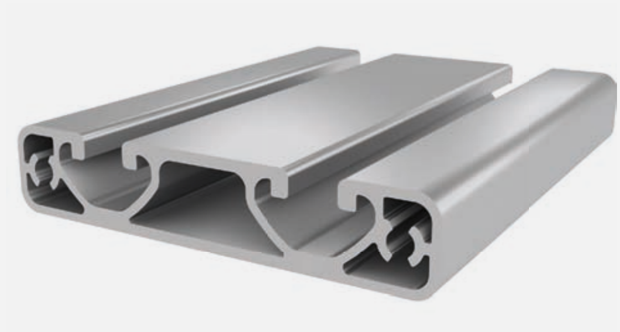
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
55x20	Cut to length	8	1.48 kg/m	**20210500**
55x20	6060	8	1.48 kg/m	**20210501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



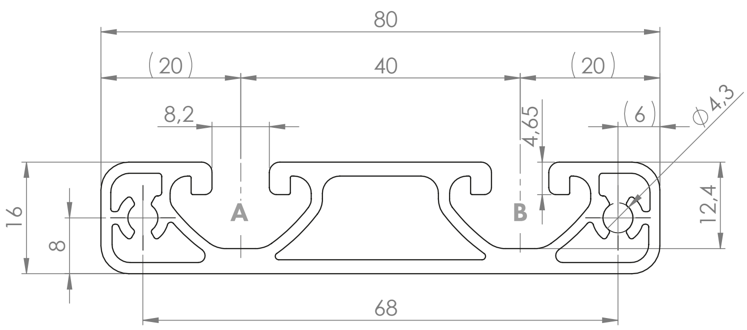
8

PROFILE 8 80x16 E

Material: anodised aluminium

Technical data:

Surface A [cm²]	4.86
Moment of inertia Ix [cm⁴]	1.59
Moment of inertia Iy [cm⁴]	29.24
Section modulus Wx [cm³]	1.90
Section modulus Wy [cm³]	7.31
Weight m [kg/m]	1.31



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
M5= / -	**103172**
M5= / M5=	**103175**
D7 / -	**102350**
D7 / D7	**102351**
D7= / -	**102354**
D7= / D7=	**102355**

Explanations and further processing options can be found on p. 223-231

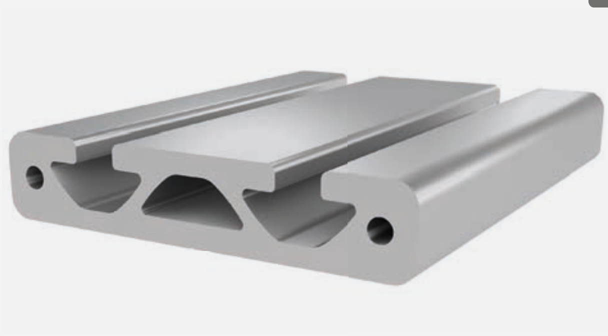
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x16 E	Cut to length	8	1.31 kg/m	**20210200**
80x16 E	3060	8	1.31 kg/m	**20210201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 80x16

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x16	8	10	Black	**421016**



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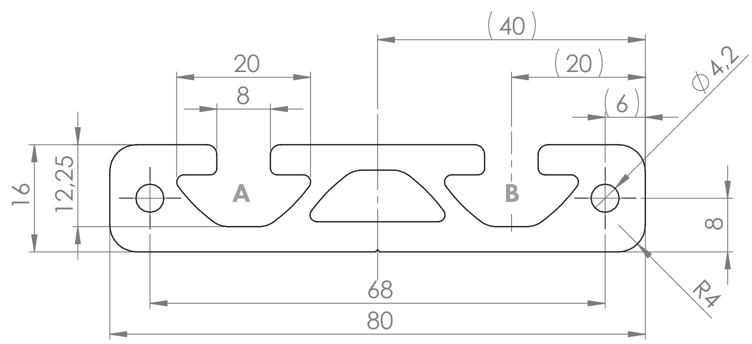
PROFILE 8 80x16

Material: anodised aluminium

Technical data:

Surface A [cm²]	8.13
Moment of inertia Ix [cm⁴]	2.15
Moment of inertia Iy [cm⁴]	50.76
Section modulus Wx [cm³]	2.69
Section modulus Wy [cm³]	12.69
Weight m [kg/m]	2.20



Standard processing:	Art. no.:
M5 / -	**103170**
M5 / M5	**103171**
M5= / -	**103172**
M5= / M5=	**103175**
D7 / -	**102350**
D7 / D7	**102351**
D7= / -	**102354**
D7= / D7=	**102355**

Explanations and further processing options can be found on p. 223-231

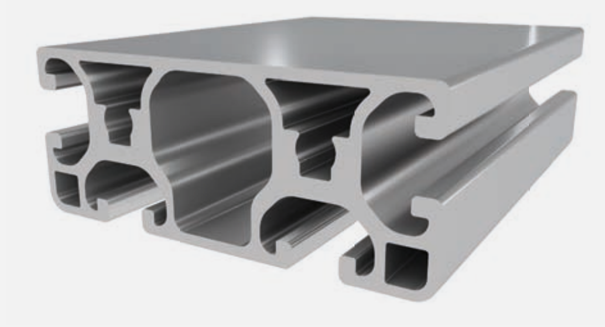
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x16	Cut to length	8	2.0 kg/m	**20208800**
80x16	3060	8	2.0 kg/m	**20208803**
80x16	6060	8	2.0 kg/m	**20208801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 8 80x16

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x16	8	10	Black	**421016**



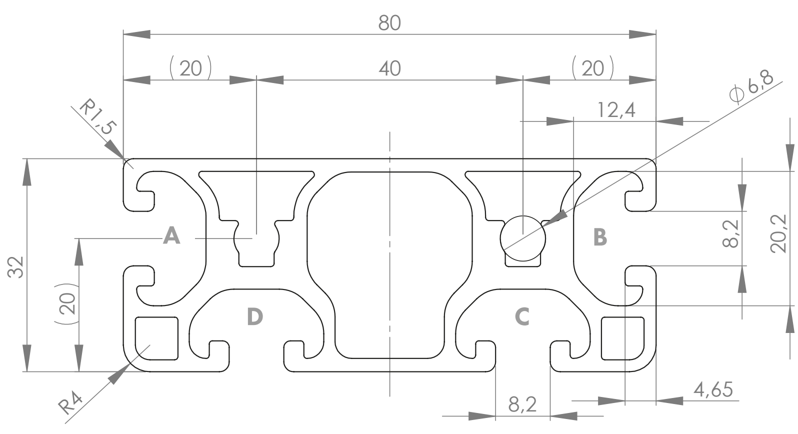
8

PROFILE 8 80x32L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	8.63
Moment of inertia Ix [cm⁴]	9.44
Moment of inertia Iy [cm⁴]	53.14
Section modulus Wx [cm³]	5.90
Section modulus Wy [cm³]	13.29
Weight m [kg/m]	2.33



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**

Explanations and further processing options can be found on p. 223-231

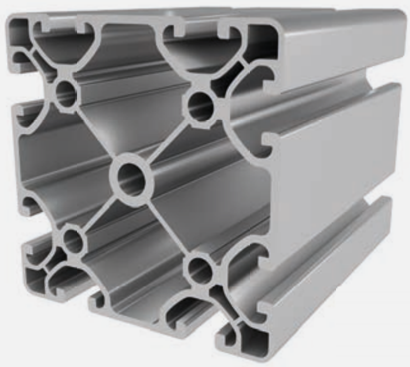
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x32L	Cut to length	8	2.33 kg/m	**20208700**
80x32L	6060	8	2.33 kg/m	**20208701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



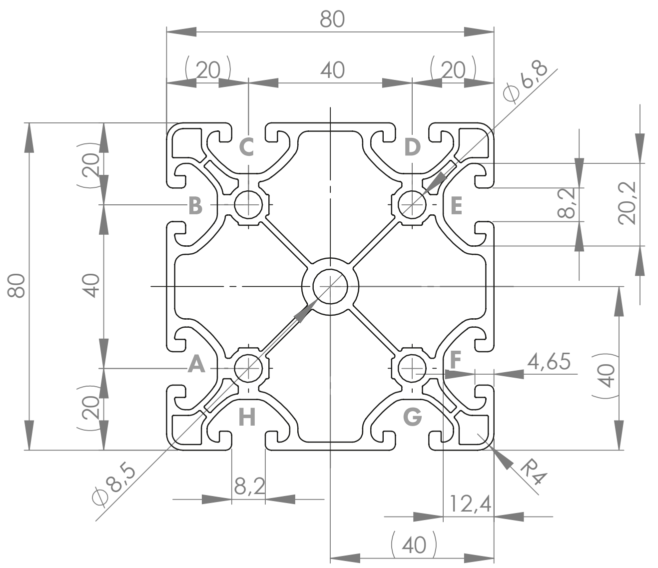
8

PROFILE 8 80x80 E

Material: anodised aluminium

Technical data:

Surface A [cm²]	15.12
Moment of inertia Ix [cm⁴]	103.32
Moment of inertia Iy [cm⁴]	103.32
Section modulus Wx [cm³]	25.83
Section modulus Wy [cm³]	25.83
Weight m [kg/m]	4.08



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V=	**102362**
D7# / -	**102360**
D7# / D7#	**102365**
D7# / D7V#	**102367**
D14= / -	**102460**
D14= / D14=	**102465**
D14= / D14V=	**102467**

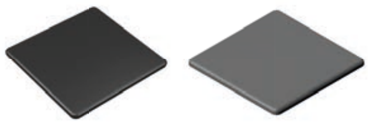
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x80 E	Cut to length	8	4.08 kg/m	**20209800**
80x80 E	6060	8	4.08 kg/m	**20209801**

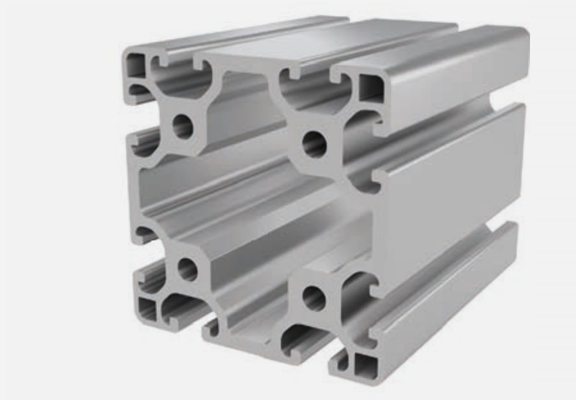
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 80x80

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x80	8	19.4	Black	**421060**
80x80	8	19.4	Grey (similar to RAL 7042)	**99900855**

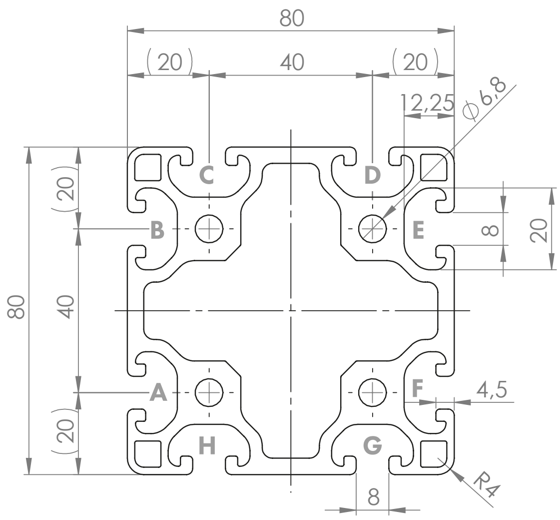


8

PROFILE 8 80x80L (light)
Material: anodised aluminium

Technical data:

Surface A [cm²]	19.75
Moment of inertia Ix [cm⁴]	134.06
Moment of inertia Iy [cm⁴]	134.06
Section modulus Wx [cm³]	33.51
Section modulus Wy [cm³]	33.51
Weight m [kg/m]	5.33



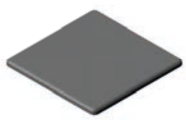
Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V=	**102362**
D7# / -	**102360**
D7# / D7#	**102365**
D7# / D7V#	**102367**
D14= / -	**102460**
D14= / D14=	**102465**
D14= / D14V=	**102467**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x80L	Cut to length	8	5.33 kg/m	**20209000**
80x80L	3060	8	5.33 kg/m	**20209003**
80x80L	6060	8	5.33 kg/m	**20209001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 80x80
Material: PA plastic



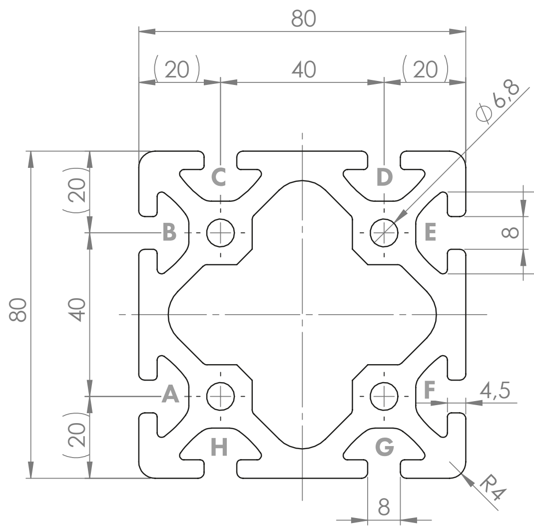
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x80	8	19.4	Black	**421060**
80x80	8	19.4	Grey (similar to RAL 7042)	**99900855**

PROFILE 8 80x80

Material: anodised aluminium

Technical data:

Surface A [cm^2]	20.10
Moment of inertia Ix [cm^4]	188.05
Moment of inertia Iy [cm^4]	188.05
Section modulus Wx [cm^3]	47.01
Section modulus Wy [cm^3]	47.01
Weight m [kg/m]	7.17



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V=	**102362**
D7# / -	**102360**
D7# / D7#	**102365**
D7# / D7V#	**102367**
D14= / -	**102460**
D14= / D14=	**102465**
D14= / D14V=	**102467**

Explanations and further processing options can be found on p. 223-231

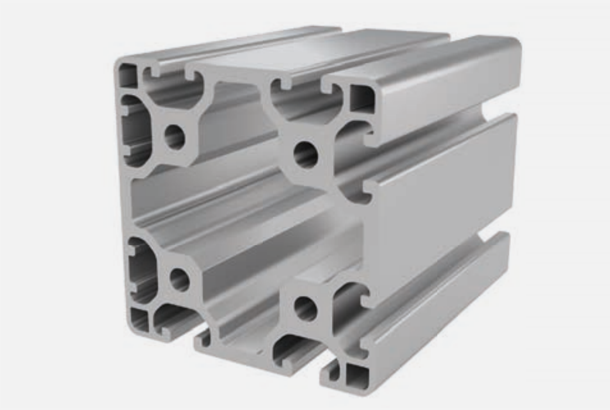
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x80	Cut to length	8	7.17 kg/m	**20209100**
80x80	3060	8	7.17 kg/m	**20209103**
80x80	6060	8	7.17 kg/m	**20209101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 80x80

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x80	8	19.4	Black	**421060**
80x80	8	19.4	Grey (similar to RAL 7042)	**99900855**



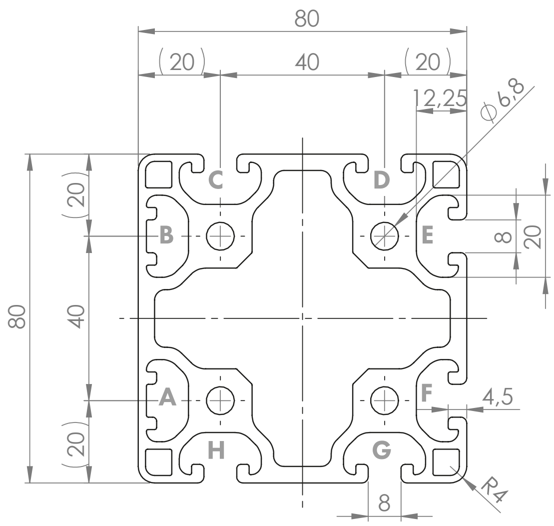
8

PROFILE 8 80x80L 2N (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	20.05
Moment of inertia Ix [cm⁴]	139.20
Moment of inertia Iy [cm⁴]	139.20
Section modulus Wx [cm³]	34.22
Section modulus Wy [cm³]	33.60
Weight m [kg/m]	5.45



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V=	**102362**
D7# / -	**102360**
D7# / D7#	**102365**
D7# / D7V#	**102367**
D14= / -	**102460**
D14= / D14=	**102465**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x80L 2N	Cut to length	8	5.45 kg/m	**20209050**
80x80L 2N	6060	8	5.45 kg/m	**20209051**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 80x80

Material: PA plastic

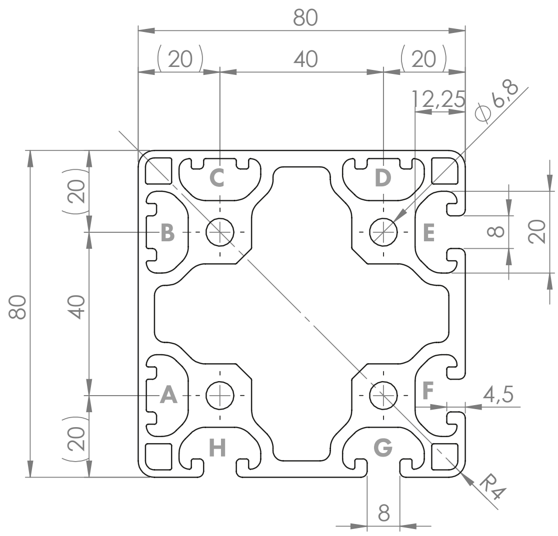
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x80	8	19.4	Black	**421060**
80x80	8	19.4	Grey (similar to RAL 7042)	**99900855**

PROFILE 8 80x80L 4N90 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	20.40
Moment of inertia Ix [cm⁴]	139.80
Moment of inertia Iy [cm⁴]	139.80
Section modulus Wx [cm³]	34.50
Section modulus Wy [cm³]	34.50
Weight m [kg/m]	5.50



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7= / D7V=	**102362**
D7# / -	**102360**
D7# / D7#	**102365**
D7# / D7V#	**102367**

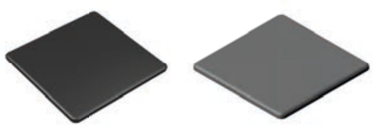
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x80L 4N90	Cut to length	8	5.5 kg/m	**20209020**
80x80L 4N90	6060	8	5.5 kg/m	**20209021**

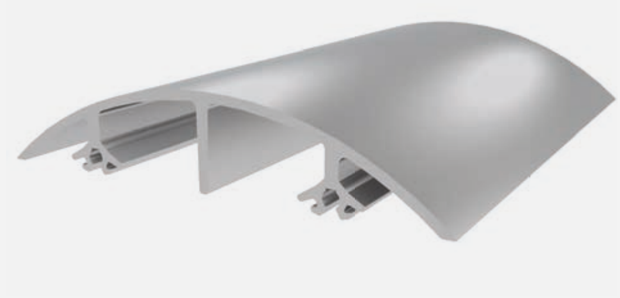
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 8 80x80

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x80	8	19.4	Black	**421060**
80x80	8	19.4	Grey (similar to RAL 7042)	**99900855**

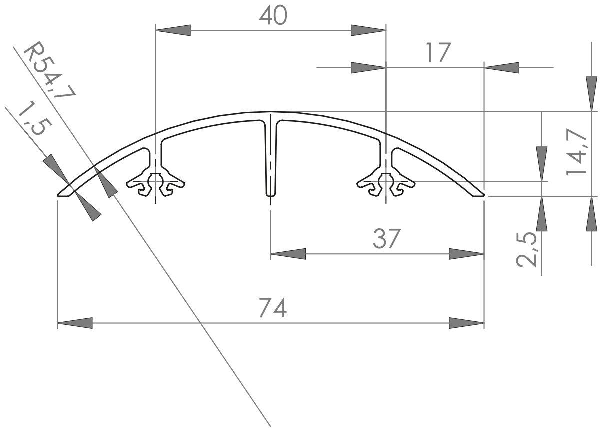


COVER PROFILE 8 R80

Material: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Weight m [kg/m]	-



Standard processing:	Art. no.:
-	-

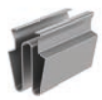
Explanations and further processing options can be found on p. 223-231

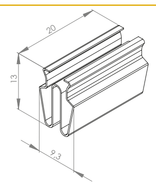
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
AP R80	Cut to length	8	0.55 kg/m	**41309500**
AP R80	4150	8	0.55 kg/m	**41309502**
AP R80	6060	8	0.55 kg/m	**41309501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

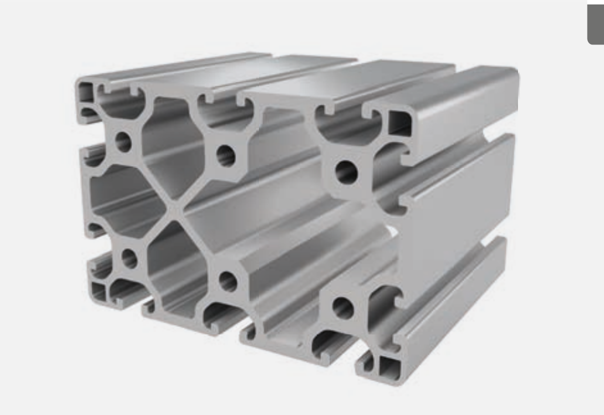
COVER CAP 8 80x80

Material: PA plastic





Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
AP R80	8	19.4	Black	**421059**
Clip	8	25	steel, zinc-plated	**413091**

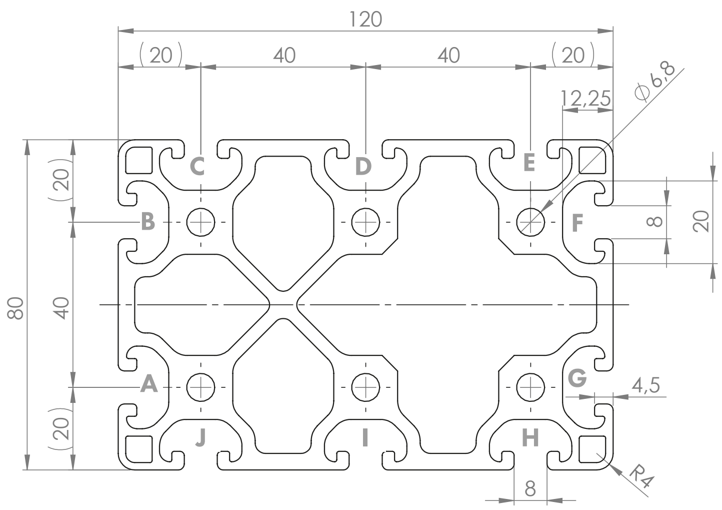


8

PROFILE 8 80x120L (light)
Material: anodised aluminium

Technical data:

Surface A [cm²]	30.13
Moment of inertia Ix [cm⁴]	201.89
Moment of inertia Iy [cm⁴]	421.67
Section modulus Wx [cm³]	50.47
Section modulus Wy [cm³]	63.34
Weight m [kg/m]	8.13



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7# / -	**102360**
D7# / D7#	**102365**
D14= / -	**102460**
D14= / D14=	**102465**

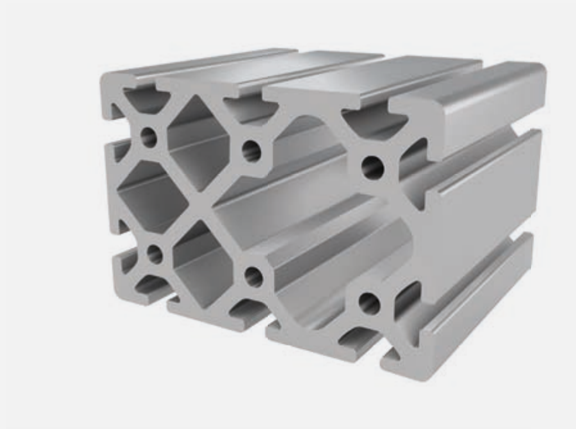
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x120L	Cut to length	8	8.13 kg/m	**20209500**
80x120L	6060	8	8.13 kg/m	**20209501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 8 80x120
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x120	8	30.4	Black	**421070**



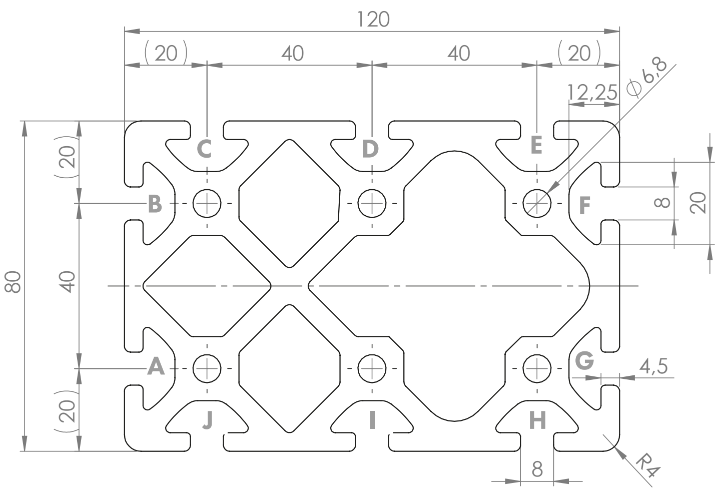
8

PROFILE 8 80x120

Material: anodised aluminium

Technical data:

Surface A [cm^2]	40.05
Moment of inertia Ix [cm^4]	274.86
Moment of inertia Iy [cm^4]	574.86
Section modulus Wx [cm^3]	68.71
Section modulus Wy [cm^3]	92.72
Weight m [kg/m]	10.81



Standard processing:	**Art. no.:**
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7# / -	**102360**
D7# / D7#	**102365**
D14= / -	**102460**
D14= / D14=	**102465**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x120	Cut to length	8	10.81 kg/m	**20209700**
80x120	6060	8	10.81 kg/m	**20209701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP 8 80x120

Material: PA plastic

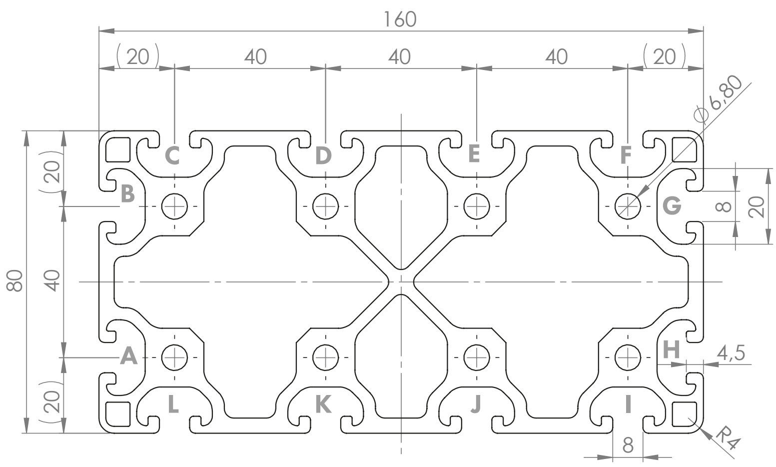
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x120	8	30.4	Black	**421070**

PROFILE 8 80x160L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	37.80
Moment of inertia Ix [cm⁴]	267.07
Moment of inertia Iy [cm⁴]	907.88
Section modulus Wx [cm³]	66.77
Section modulus Wy [cm³]	113.48
Weight m [kg/m]	10.21



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7# / -	**102360**
D7# / D7#	**102365**
D14= / -	**102460**
D14= / D14=	**102465**

Explanations and further processing options can be found on p. 223-231

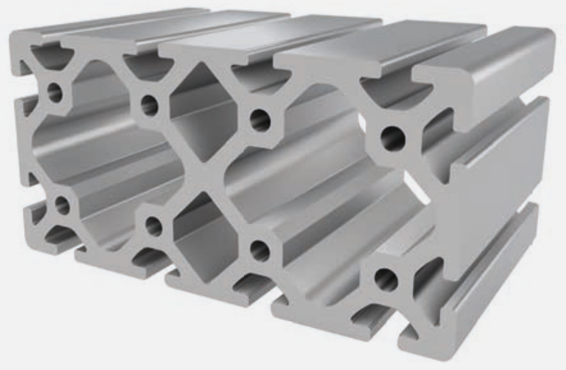
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x160L	Cut to length	8	10.81 kg/m	**20209900**
80x160L	3060	8	10.81 kg/m	**20209903**
80x160L	6060	8	10.81 kg/m	**20209901**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP 8 80x160

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x160	8	37	Black	**421080**

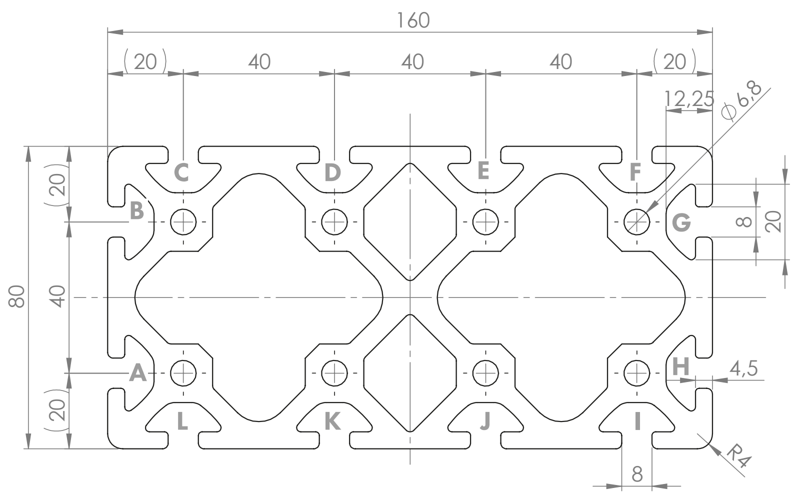


PROFILE 8 80x160

Material: anodised aluminium

Technical data:

Surface A [cm²]	50.07
Moment of inertia Ix [cm⁴]	360.89
Moment of inertia Iy [cm⁴]	1228.33
Section modulus Wx [cm³]	90.22
Section modulus Wy [cm³]	153.34
Weight m [kg/m]	13.52



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
M8# / -	**103240**
M8# / M8#	**103245**
D7= / -	**102354**
D7= / D7=	**102355**
D7# / -	**102360**
D7# / D7#	**102365**
D14= / -	**102460**
D14= / D14=	**102465**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x160	Cut to length	8	13.52 kg/m	**20210000**
80x160	6060	8	13.52 kg/m	**20210001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP 8 80x160

Material: PA plastic

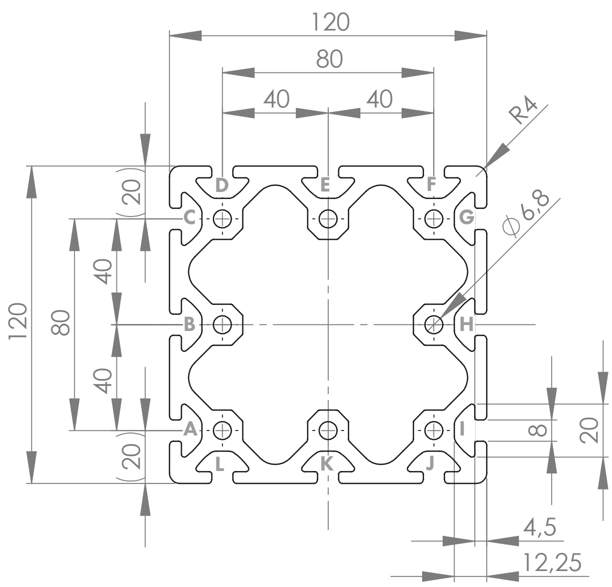
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x160	8	37	Black	**421080**

8

PROFILE 8 120x120
Material: anodised aluminium

Technical data:

Surface A [cm²]	45.92
Moment of inertia Ix [cm⁴]	798.83
Moment of inertia Iy [cm⁴]	798.83
Section modulus Wx [cm³]	113.13
Section modulus Wy [cm³]	113.13
Weight m [kg/m]	12.39



Standard processing:	Art. no.:
M8# / -	**103240**
M8# / M8#	**103245**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
120x120	Cut to length	8	12.39 kg/m	**20209600**
120x120	6060	8	12.39 kg/m	**20209601**

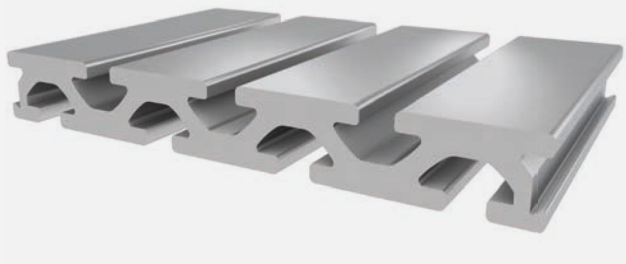
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP 8 120x120
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
120x120	8	30.4	Black	**99901498**

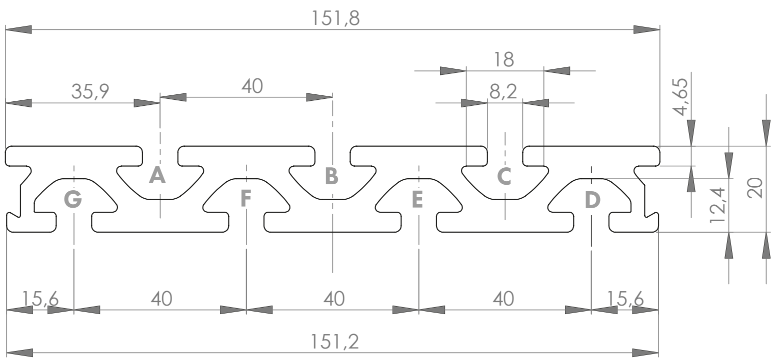
PROFILE 8 152x20

Material: anodised aluminium



Technical data:

Surface A [cm²]	18.27
Moment of inertia Ix [cm⁴]	7.56
Moment of inertia Iy [cm⁴]	350.58
Section modulus Wx [cm³]	7.35
Section modulus Wy [cm³]	46.19
Weight m [kg/m]	4.93



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
152x20	Cut to length	8	4.93 kg/m	**20208810**
152x20	6060	8	4.93 kg/m	**20208811**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

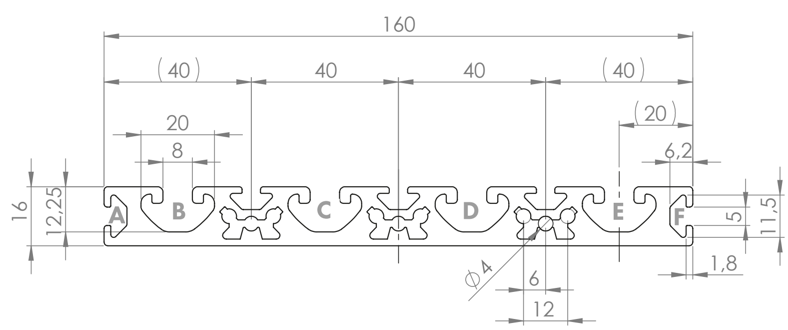
8

PROFILE 8 160x16

Material: anodised aluminium

Technical data:

Surface A [cm²]	13.88
Moment of inertia Ix [cm⁴]	3.80
Moment of inertia Iy [cm⁴]	307.83
Section modulus Wx [cm³]	4.25
Section modulus Wy [cm³]	38.48
Weight m [kg/m]	3.75



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
160x16	Cut to length	8	3.75 kg/m	**20208900**
160x16	6060	8	3.75 kg/m	**20208901**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP 8 160x16

Material: PA plastic

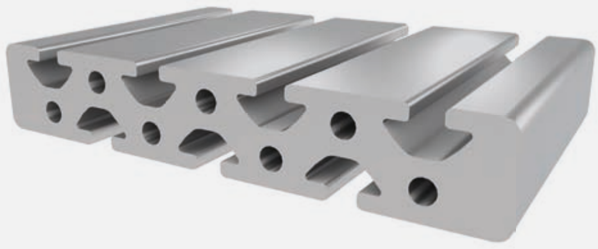
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
160x16	8	10	Black	**421018**

1

8

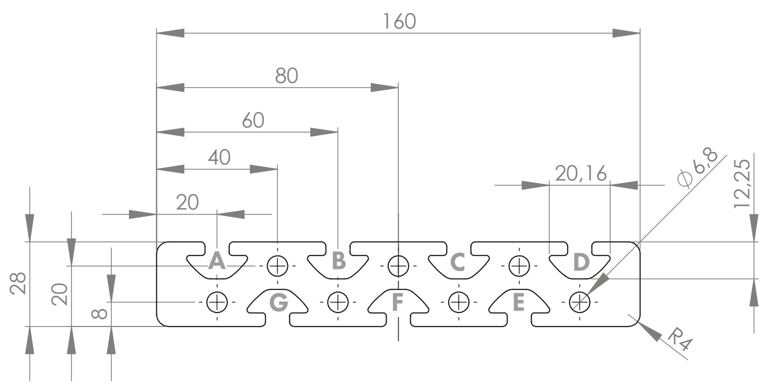
PROFILE 8 160x28

Material: anodised aluminium



Technical data:

Surface A [cm²]	30.99
Moment of inertia Ix [cm⁴]	726.07
Moment of inertia Iy [cm⁴]	20.75
Section modulus Wx [cm³]	90.76
Section modulus Wy [cm³]	14.50
Weight m [kg/m]	8.37



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

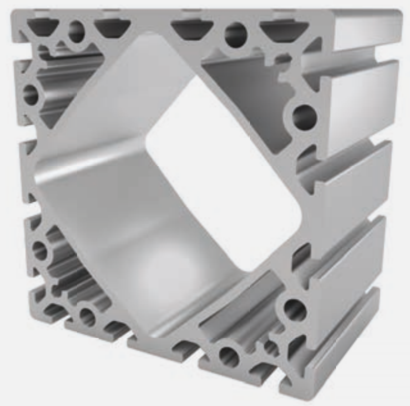
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
160x28	Cut to length	8	3.70 kg/m	**20209200**
160x28	6060	8	3.70 kg/m	**20209201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



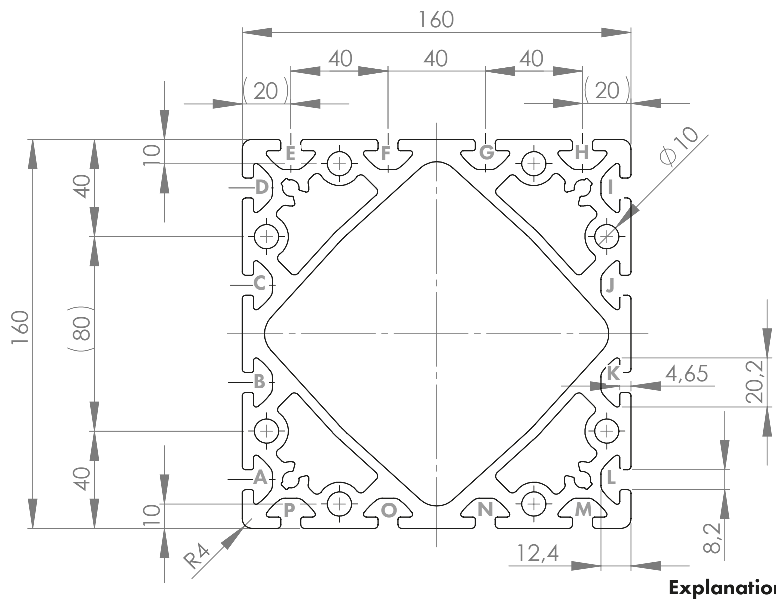
8

PROFILE 8 160x160

Material: anodised aluminium

Technical data:

Surface A [cm²]	73.75
Moment of inertia Ix [cm⁴]	2347.67
Moment of inertia Iy [cm⁴]	2347.67
Section modulus Wx [cm³]	293.46
Section modulus Wy [cm³]	293.46
Weight m [kg/m]	19.91



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
160x160	Cut to length	8	19.91 kg/m	**20210700**
160x160	6060	8	19.91 kg/m	**20210701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

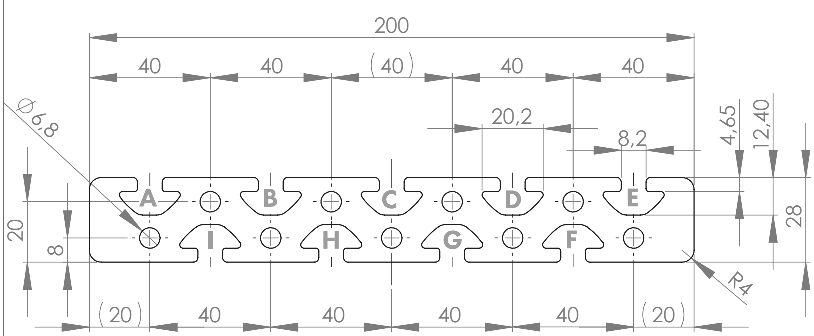
1

8

PROFILE 8 200x28
Material: anodised aluminium

Technical data:

Surface A [cm²]	38.27
Moment of inertia Ix [cm^4]	1381.36
Moment of inertia Iy [cm^4]	25.71
Section modulus Wx [cm^3]	138.13
Section modulus Wy [cm^3]	10.33
Weight m [kg/m]	38.27



Standard processing:	Art. no.:
-	-

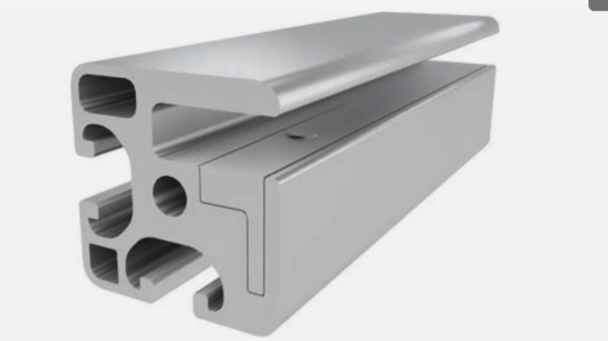
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
200x28	Cut to length	8	10.33 kg/m	**20208910**
200x28	6060	8	10.33 kg/m	**20208911**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

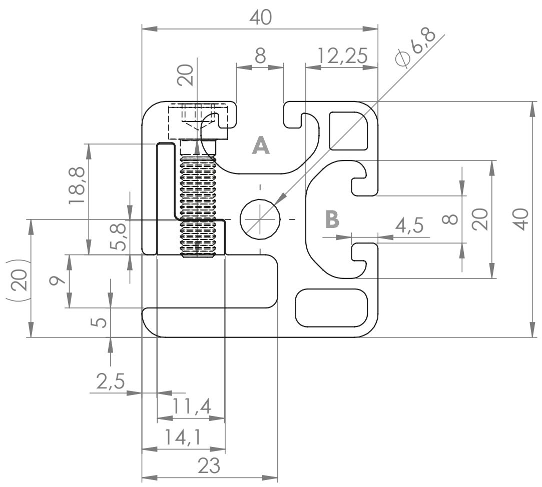


PROFILE 8 40x40 WITH CLAMPING STRIP

Material: anodised aluminium

Technical data:

Surface A [cm²]	7.51
Moment of inertia Ix [cm⁴]	9.51
Moment of inertia Iy [cm⁴]	12.27
Section modulus Wx [cm³]	4.76
Section modulus Wy [cm³]	6.14
Weight m [kg/m]	2.30



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

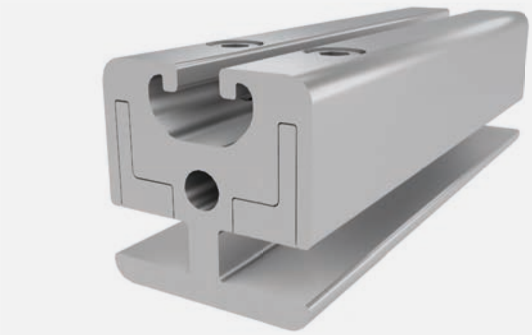
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Clamping profile 40x40 with clamping strip	Cut to length	8	2.3 kg/m	**20206300**
Clamping profile 40x40 with clamping strip	6060	8	2.3 kg/m	**20206301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



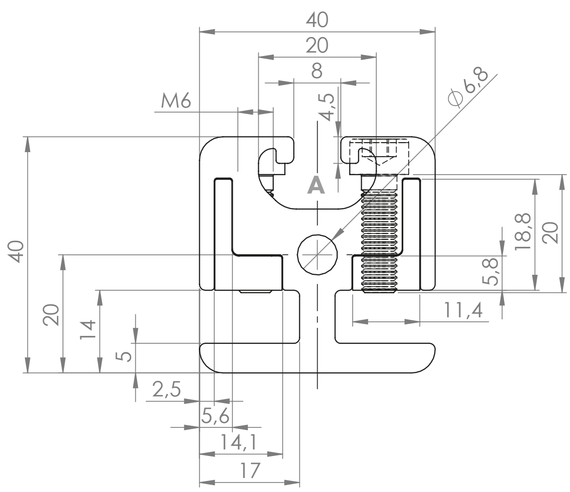
8

CLAMPING PROFILE 40x40-180 WITH CLAMPING STRIP

Material: anodised aluminium

Technical data:

Surface A [cm²]	8.41
Moment of inertia Ix [cm^4]	11.41
Moment of inertia Iy [cm^4]	13.08
Section modulus Wx [cm^3]	5.71
Section modulus Wy [cm^3]	6.54
Weight m [kg/m]	2.56



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Clamping profile 40x40-180 with clamping strip	Cut to length	8	2.56 kg/m	**20206400**
Clamping profile 40x40-180 with clamping strip	6060	8	2.56 kg/m	**20206401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

1 **Profile 20x20 slot 6**

An aluminium profile series with particularly small cross-sections suitable for slender or space-saving constructions subjected to very low loads.

2 **Profile 30x30 slot 8**

An aluminium profile series with small cross-sections for space-saving and low-weight constructions. Suitable for constructions subjected to low loads.

3 **Profile 40x40L slot 10**

An aluminium profile series with medium-sized cross-sections and lightweight design for creating medium-sized lightweight constructions subjected to medium loads.

4 **Profile 45x45L slot 10**

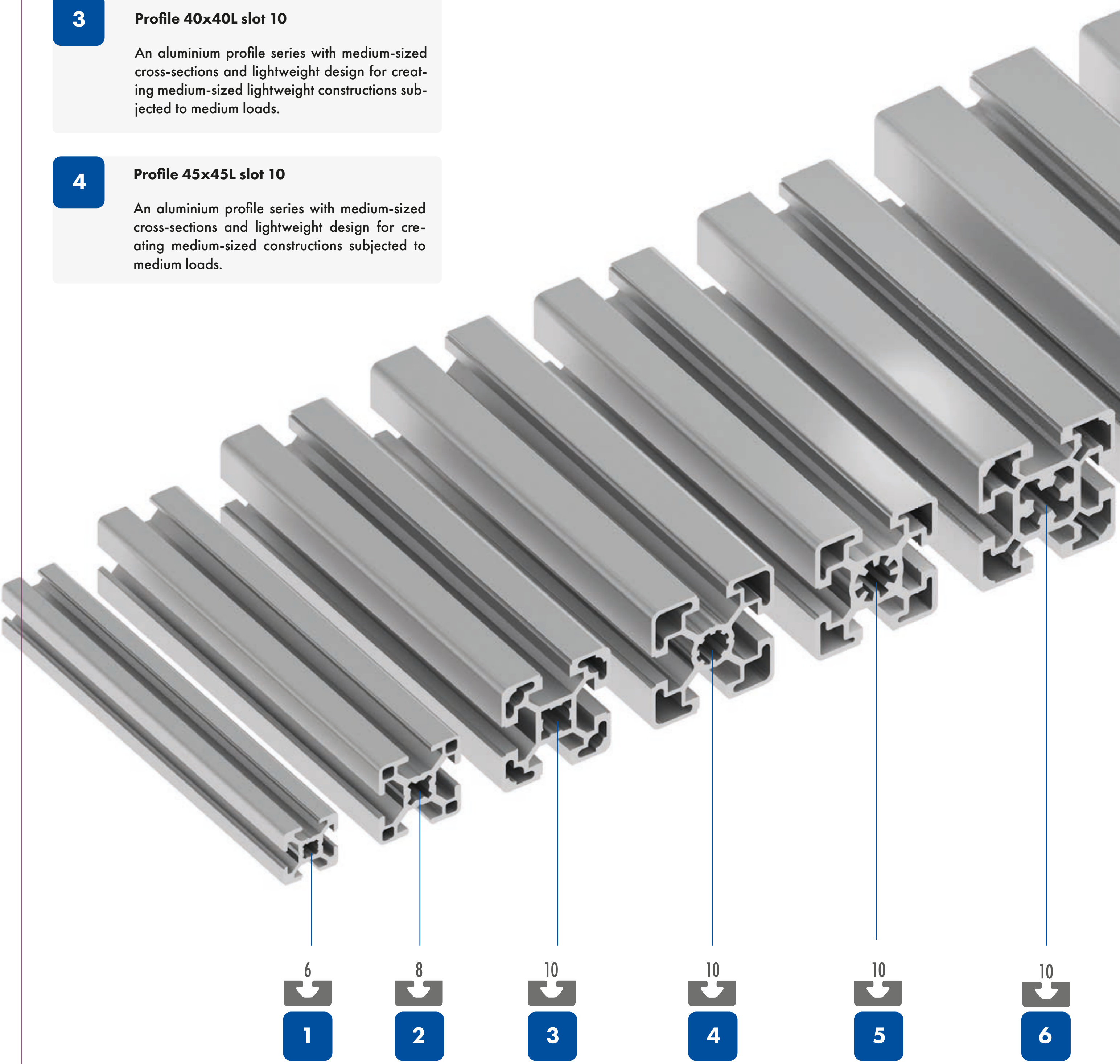
An aluminium profile series with medium-sized cross-sections and lightweight design for creating medium-sized constructions subjected to medium loads.

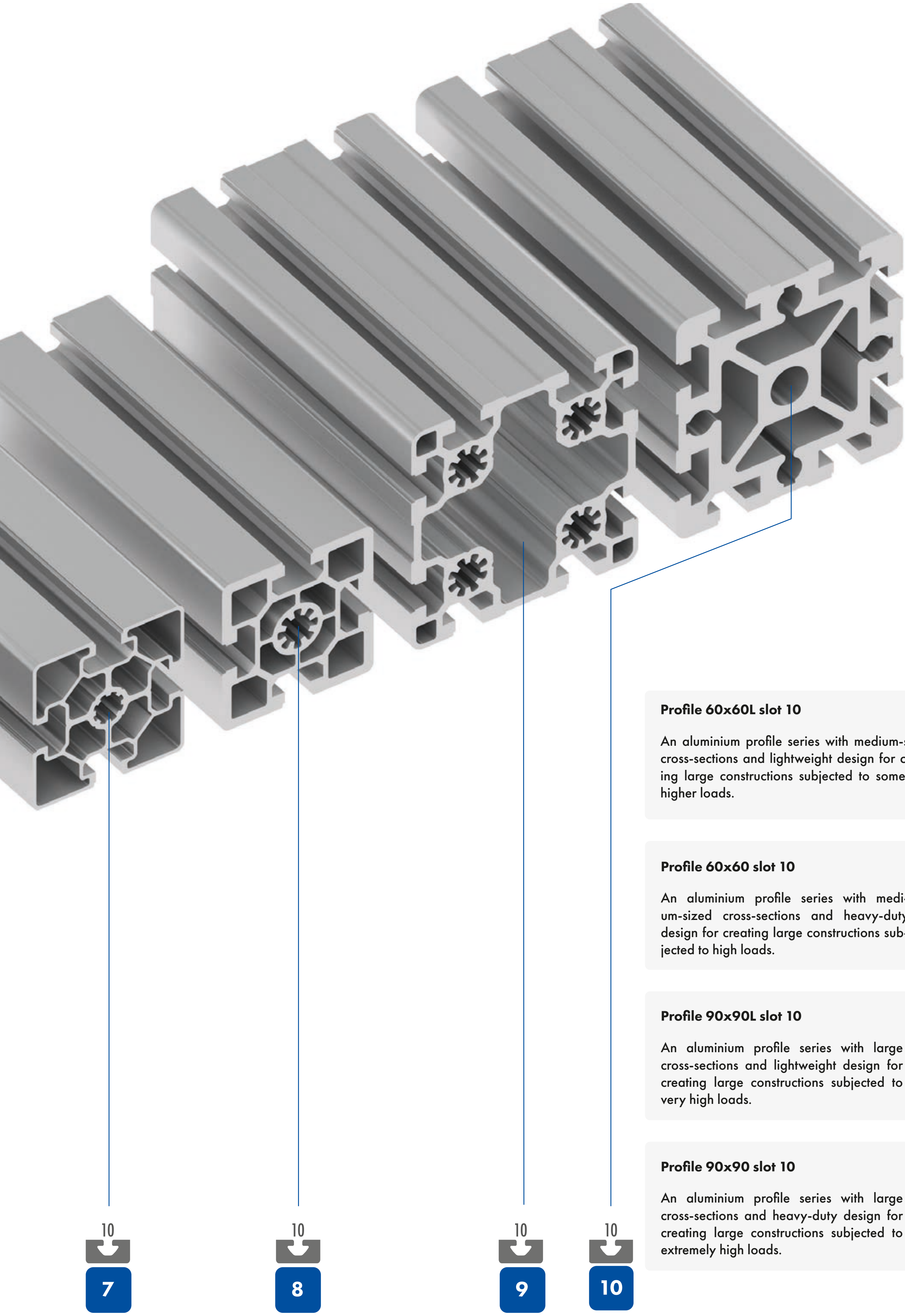
5 **Profile 45x45 slot 10**

An aluminium profile series with medium-sized cross-sections and heavy-duty design for creating medium to large constructions subjected to higher loads.

6 **Profile 50x50L slot 10**

An aluminium profile series with medium-sized cross-sections and lightweight design for creating medium to large constructions subjected to higher loads.





Profile 60x60L slot 10 7

An aluminium profile series with medium-sized cross-sections and lightweight design for creating large constructions subjected to somewhat higher loads.

Profile 60x60 slot 10 8

An aluminium profile series with medium-sized cross-sections and heavy-duty design for creating large constructions subjected to high loads.

Profile 90x90L slot 10 9

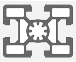
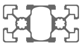
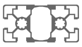
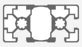
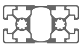
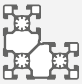
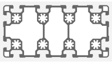
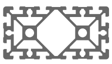
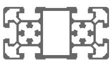
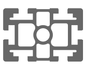
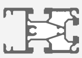
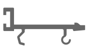
An aluminium profile series with large cross-sections and lightweight design for creating large constructions subjected to very high loads.

Profile 90x90 slot 10 10

An aluminium profile series with large cross-sections and heavy-duty design for creating large constructions subjected to extremely high loads.

Cross-section	Slot	Profile	Article no.	Profile surface A $[cm_4]$	Moment of inertia I_x $[cm_2]$	I_y $[cm_4]$	Section modulus W_x $[cm_3]$	W_y $[cm_3]$	Mass m [kg/m]	Page
SLOT 6										
	6	**20x20**	20100500	1.60	0.70	0.70	0.70	0.70	0.44	112
	6	**20x20 3N**	20100530	1.72	0.75	0.67	0.71	0.67	0.46	113
	6	**20x20 2N90**	20100520	1.80	0.70	0.70	0.70	0.70	0.50	114
	6	**20x20 2N180**	20100540	1.83	0.68	0.84	0.68	0.84	0.49	115
	6	**20x20 1N**	20100510	1.90	0.80	0.80	0.80	0.80	0.50	116
	6	**R20-90°**	20100400	1.60	0.60	0.60	0.50	0.50	0.40	117
	6	**20x40**	20100600	2.90	4.60	1.20	2.50	1.40	0.80	118
SLOT 8										
	8	**11x20**	20100100	1.00	0.50	0.10	0.77	0.37	0.30	119
	8	**15x30 (suspension profile)**	20100200	2.03	2.06	0.48	2.68	0.32	0.50	120
	8	**19x30**	20112500	2.40	1.56	1.10	1.04	1.15	0.62	121
	8	**30x30**	20101000	3.10	2.70	2.70	1.80	1.80	0.80	122
	8	**30x30 3N**	20101030	3.32	3.10	2.78	1.97	1.85	0.90	123
	8	**30x30 2N90**	20101020	3.50	3.11	3.11	1.98	1.98	0.95	124
	8	**30x30 2N180**	20101040	3.51	3.48	2.79	2.32	1.86	0.95	125
	8	**30x30 1N**	20101010	3.69	3.12	3.49	1.99	2.32	1.00	126
	8	**R30-90°**	20100900	2.90	2.30	2.30	7.00	3.90	0.80	127
	8	**R30-45°**	20101080	4.12	3.70	5.29	2.13	2.37	1.11	128
	8	**R30-60°**	20101090	3.73	4.24	3.12	1.95	1.77	1.09	129
	8	**30x30 WG30**	20100700	3.23	2.60	3.04	1.65	1.96	0.87	130
	8	**30x30 WG40**	20100710	3.20	2.40	2.90	1.50	1.80	0.90	131
	8	**30x45 WG30**	20100800	4.51	7.21	4.29	3.21	2.74	1.22	132
	8	**30x45 WG40**	20100810	4.50	6.90	4.10	4.30	1.80	1.20	133
	8	**30x45**	20101600	3.90	8.10	3.90	3.90	2.50	1.10	134
	8	**30x50L**	20104300	4.30	4.25	10.27	3.90	2.90	1.10	135
	8	**30x60**	20101100	5.60	19.70	5.10	7.00	3.90	1.50	136
	8	**30x60 4N**	20101160	5.80	20.20	5.50	6.70	3.80	1.60	137
	8	**30x60x60**	20107600	8.22	26.21	26.21	7.57	7.57	2.22	138
	8	**30x90**	20104100	7.70	60.70	7.30	13.50	4.90	2.10	139

Cross-section	Slot	Profile	Article no.	Profile surface A [cm²]	Moment of inertia Ix [cm⁴]	Moment of inertia Iy [cm⁴]	Section modulus Wx [cm³]	Section modulus Wy [cm³]	Mass m [kg/m]	Page
	8	**30x90 6N**	20104160	6.47	60.3	7.0	13.4	4.6	1.77	140
	8	**30x120**	20103900	10.23	9.58	137.77	6.39	22.96	2.70	141
SLOT 10										
	10	**15x22.5**	20102700	1.30	0.80	0.30	0.90	0.60	0.30	142
	10	**22.5x30 (frame profile)**	20102600	3.20	1.68	2.97	1.49	2.97	0.81	143
	10	**22.5x45 (frame profile)**	20102900	3.43	6.79	1.66	2.76	1.28	0.88	144
	10	**22.5x45**	20103100	4.60	7.10	2.90	3.60	2.60	1.30	145
	10	**22.5x180**	20102800	21.48	581.99	11.79	64.67	10.24	5.80	146
	10	**30x45**	20101610	4.05	8.16	3.98	3.63	2.62	1.09	147
	10	**30x45C**	20104200	4.40	10.30	5.60	4.20	3.70	1.07	148
	10	**40x40L**	20101700	5.61	9.06	9.06	4.53	4.53	1.51	149
	10	**40x40L 3N**	20101730	5.79	9.69	9.08	4.71	4.54	1.56	150
	10	**40x40L 2N90**	20101720	5.96	9.71	9.71	4.72	4.72	1.61	151
	10	**40x40L 2N180**	20101740	5.96	10.36	9.10	5.18	4.55	1.61	152
	10	**40x40L 1N**	20101710	5.80	9.70	9.00	4.80	4.50	1.60	153
	10	**R40L-90°**	20103300	5.00	7.20	7.20	3.60	3.60	1.30	154
	10	**40x80L**	20101900	9.90	63.40	17.30	15.90	8.70	2.70	155
	10	**40x80L 4N**	20101960	10.40	65.20	19.10	16.30	9.90	2.80	156
	10	**40x80L 3N90**	20101920	10.60	67.80	19.00	17.00	9.50	2.90	157
	10	**40x80x80L**	20107300	15.43	91.52	91.52	19.89	19.89	4.17	158
	10	**40x120L**	20103800	15.50	203.20	27.80	33.90	13.90	4.20	159
	10	**40x160L**	20104400	15.35	201.95	27.76	33.66	13.88	4.14	160
	10	**80x80L**	20107700	18.20	132.10	132.10	33.00	33.00	4.90	161
	10	**80x80L 6N**	20107730	18.80	134.10	140.90	33.50	36.20	5.10	162
	10	**80x80L 4N90**	20107760	19.30	142.50	142.50	35.60	35.60	5.20	163
	10	**80x120L**	20107800	25.80	388.70	192.10	65.30	47.89	6.90	164
	10	**80x160L**	20107900	32.90	850.70	253.40	106.30	63.40	8.90	165
	10	**45x45L**	20102000	5.70	11.00	11.00	4.80	4.80	1.60	166
	10	**45x45**	20103000	7.50	14.00	14.00	6.10	6.10	2.00	167
	10	**45x45L 3N**	20102030	6.20	12.60	11.70	5.40	5.20	1.70	168

Cross-section	Slot	Profile	Article no.	Profile surface A [cm4]	Moment of inertia Ix [cm2]	Iy [cm4]	Section modulus Wx [cm3]	Wy [cm3]	Mass m [kg/m]	Page
	10	**45x45L 2N90**	20102020	6.40	12.60	12.60	5.60	5.60	1.70	169
	10	**45x45L 2N180**	20102040	6.40	11.60	13.50	5.20	6.00	1.70	170
	10	**45x45L 1N**	20102010	6.50	12.60	13.50	5.50	6.00	1.80	171
	10	**R45L-90°**	20102500	6.89	15.18	12.72	5.34	5.04	1.86	172
	10	**R45-30°**	20102570	6.89	15.18	12.72	5.34	5.04	1.86	173
	10	**R45-45°**	20102580	7.41	21.09	13.32	6.30	5.19	2.00	174
	10	**R45-60°**	20102590	6.80	11.40	16.90	4.40	5.20	1.80	175
	10	**45x60**	20104000	11.00	37.20	22.70	12.40	10.10	3.00	176
	10	**45x90L**	20106000	11.20	81.90	23.60	18.20	10.50	3.10	177
	10	**45x90**	20107000	15.60	125.00	32.80	27.70	14.60	4.20	178
	10	**45x90L 4N**	20106060	11.90	86.80	25.80	19.30	11.10	3.20	179
	10	**45x90L 3N90**	20106020	11.80	90.40	25.80	19.80	11.10	3.20	180
	10	**45x90L 2N180**	20106040	12.03	85.89	26.90	19.09	11.96	3.25	181
	10	**45x90x90L**	20107400	21.01	151.95	151.95	29.34	29.34	5.67	182
	10	**45x180**	20107200	25.60	766.30	57.30	85.20	25.50	7.00	183
	10	**90x90L**	20108000	23.60	210.00	210.00	46.40	46.40	6.30	184
	10	**90x90**	20109000	39.50	299.80	299.80	67.00	67.00	10.50	185
	10	**90x90L 4N90**	20108050	24.20	220.90	220.90	49.20	49.20	6.50	186
	10	**90x90L 6N**	20108060	23.60	217.87	211.76	47.55	47.06	6.50	187
	10	**90x180L**	20109400	42.29	1375.79	398.30	152.86	88.51	11.42	188
	10	**90x180**	20109500	63.57	2142.81	547.41	238.10	121.64	17.17	189
	10	**50x50L**	20104500	9.30	21.20	21.20	8.50	8.50	2.50	190
	10	**50x100L**	20104800	17.20	162.80	42.60	32.60	17.00	4.50	191
	10	**100x100L**	20104900	29.90	318.40	318.40	63.80	63.80	8.10	192
	10	**60x60L**	20105000	9.60	32.40	32.40	10.80	10.80	2.60	193
	10	**60x60**	20105100	14.40	52.00	52.00	17.30	17.30	3.90	194
	10	**60x90**	20107500	25.30	212.40	88.50	47.20	29.50	6.80	195
	10	**Route profile SP 2/B**	20111000	10.10	49.50	25.60	12.30	11.40	2.80	196
	10	**Belt guide profile FP 2/B (PA)**	20111500	-	-	-	-	-	1.14	197

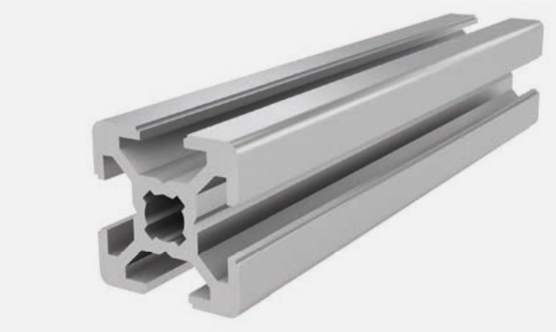
EXTRUDED PROFILES IN LINE WITH DIN EN 12020-1

Alloy	EN AW6060 T68
Material	No. 3.3206.72 (artificially aged)
Mechanical data (values in extrusion direction)	
Tensile strength Rm	Min. 240 N/mm²
Yield strength Rp 0.2	Min. 190 N/mm²
Elongation A5	Min. 10%
Elastic modulus	Approx. 70,000 N/mm²
Brinell hardness	Approx. 75 HB 2.5/187.5
Linear expansion coefficient	23.8x10-6/K
Surface in line with DIN 17611	E6/EV1- matt stained and natural colour anodised
Coating thickness	Approx. 10 µm
Coating hardness	250-350 HV
Special colours on request Delivery length 6000 mm (or as specified in catalogue)	

PROFILE TOLERANCES

The stated dimensions depend on the manufacturing accuracy of the tools, tool wear and manufacturing variations. Deviations within a single profile production batch are in the range of 1/100.

Measuring range from - to (mm)	Tolerance ± (mm)
0 – 10	± 0.15
10 – 15	± 0.20
15 – 30	± 0.25
30 – 45	± 0.30
45 – 60	± 0.40
60 - 90	± 0.45
90 – 120	± 0.60
120 – 150	± 0.80
150 – 180	± 1.00
180 - 240	± 1.20

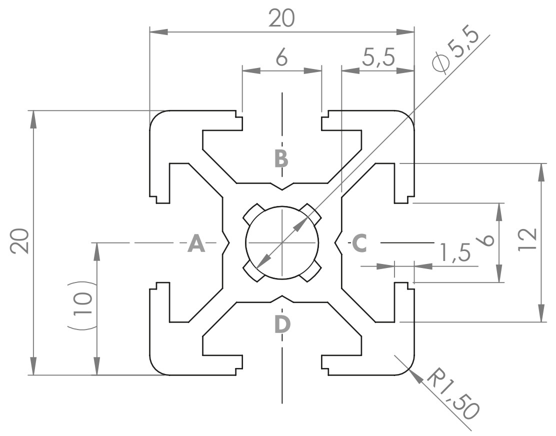


PROFILE 20x20 SLOT 6

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.60
Moment of inertia Ix [cm⁴]	0.70
Moment of inertia Iy [cm⁴]	0.70
Section modulus Wx [cm³]	0.70
Section modulus Wy [cm³]	0.70
Weight m [kg/m]	0.44



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**

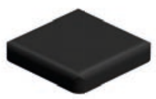
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20	Cut to length	6	0.44 kg/m	**20100500**
20x20	3060	6	0.44 kg/m	**20100503**
20x20	6060	6	0.44 kg/m	**20100501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 20x20 SLOT 6

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x20	6	4	Black	**401004**

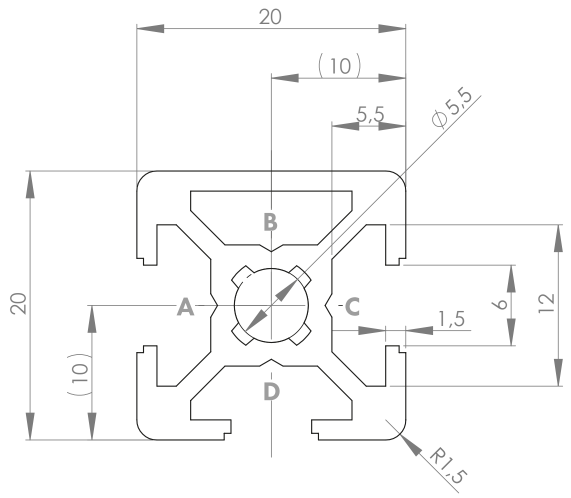
6

PROFILE 20x20 3N SLOT 6

Material: anodised aluminium

Technical data:

Surface A [cm^2]	1.72
Moment of inertia Ix [cm^4]	0.75
Moment of inertia Iy [cm^4]	0.67
Section modulus Wx [cm^3]	0.71
Section modulus Wy [cm^3]	0.67
Weight m [kg/m]	0.46



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**

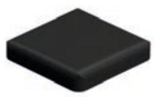
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 3N	Cut to length	6	0.46 kg/m	**20100530**
20x20 3N	6060	6	0.46 kg/m	**20100531**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 20x20 SLOT 6

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x20	6	4	Black	**401004**

1

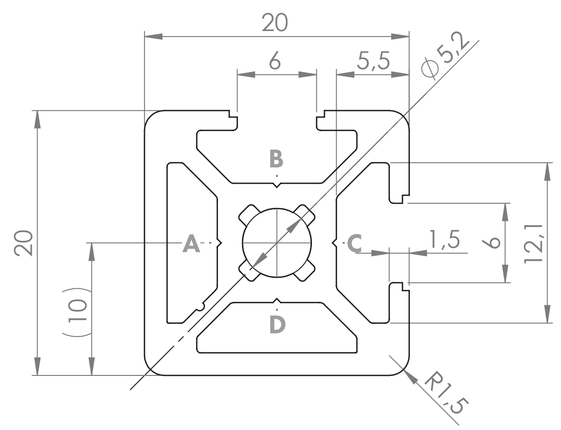
6

PROFILE 20x20 2N90 SLOT 6

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.80
Moment of inertia Ix [cm⁴]	0.70
Moment of inertia Iy [cm⁴]	0.70
Section modulus Wx [cm³]	0.70
Section modulus Wy [cm³]	0.70
Weight m [kg/m]	0.50



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**

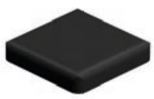
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 2N90	Cut to length	6	0.5 kg/m	**20100520**
20x20 2N90	6060	6	0.5 kg/m	**20100521**

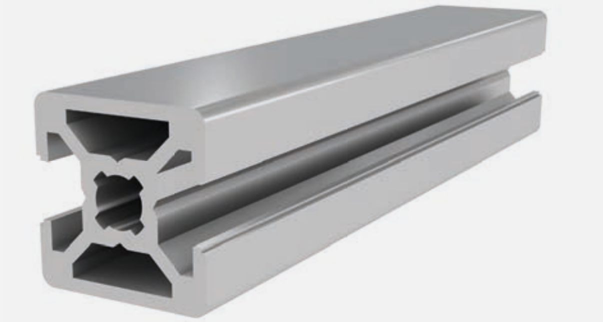
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 20x20 SLOT 6

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x20	6	4	Black	**401004**

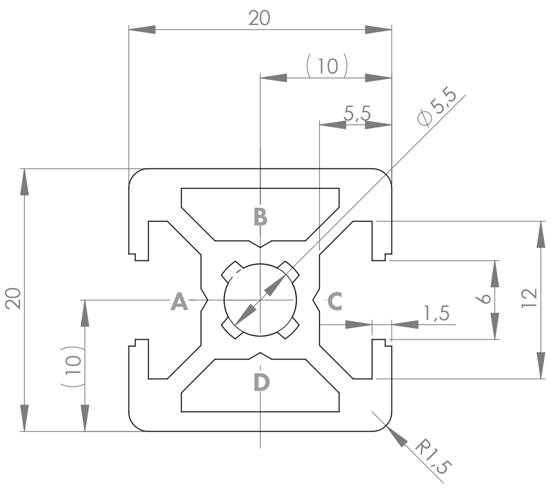


PROFILE 20x20 2N180 SLOT 6

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.83
Moment of inertia Ix [cm⁴]	0.68
Moment of inertia Iy [cm⁴]	0.84
Section modulus Wx [cm³]	0.68
Section modulus Wy [cm³]	0.84
Weight m [kg/m]	0.49



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**

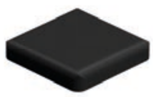
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 2N180	Cut to length	6	0.49 kg/m	**20100540**
20x20 2N180	6060	6	0.49 kg/m	**20100541**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

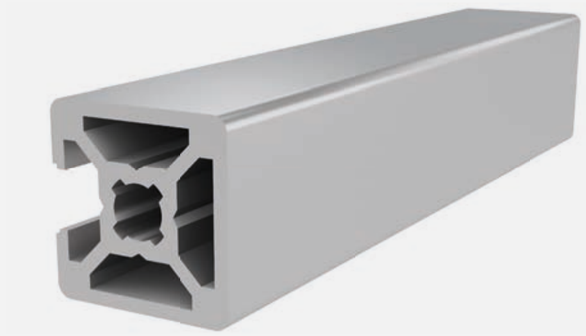
COVER CAP 20x20 SLOT 6

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x20	6	4	Black	**401004**

1



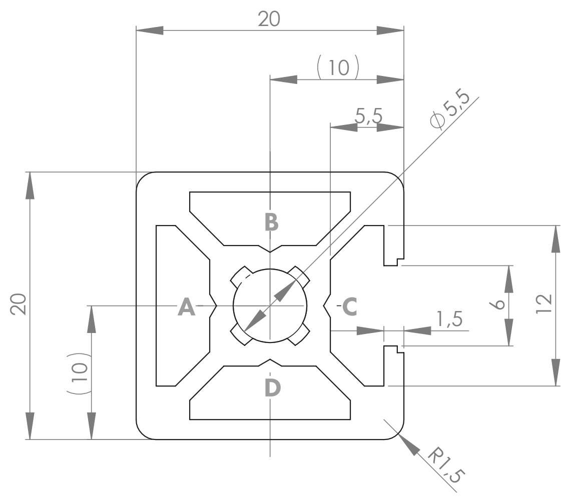
6

PROFILE 20x20 1N SLOT 6

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.90
Moment of inertia Ix [cm⁴]	0.80
Moment of inertia Iy [cm⁴]	0.80
Section modulus Wx [cm³]	0.80
Section modulus Wy [cm³]	0.80
Weight m [kg/m]	0.50



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**
D5.8 / -	**102096**
D5.8 / D5.8	**102097**
D5.8+ /	**102095**
D5.8+ / D5.8+	**102094**

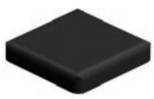
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 1N	Cut to length	6	0.5 kg/m	**20100510**
20x20 1N	6060	6	0.5 kg/m	**20100511**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 20x20 SLOT 6

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x20	6	4	Black	**401004**

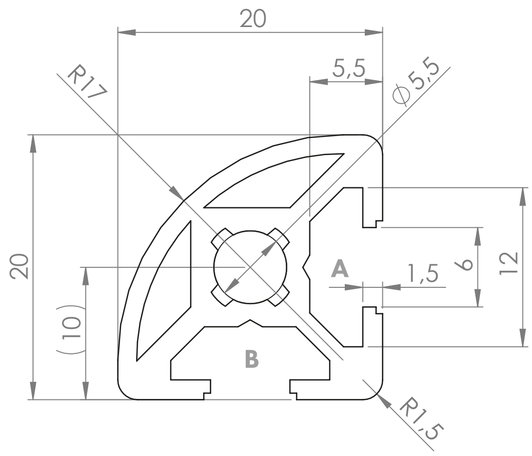
6

PROFILE 20x20 SLOT 6 R90

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.60
Moment of inertia Ix [cm⁴]	0.60
Moment of inertia Iy [cm⁴]	0.60
Section modulus Wx [cm³]	0.50
Section modulus Wy [cm³]	0.50
Weight m [kg/m]	0.40



Standard processing:	Art. no.:
M6 / -	**103150**
M6 / M6	**103151**

Explanations and further processing options can be found on p. 223-231

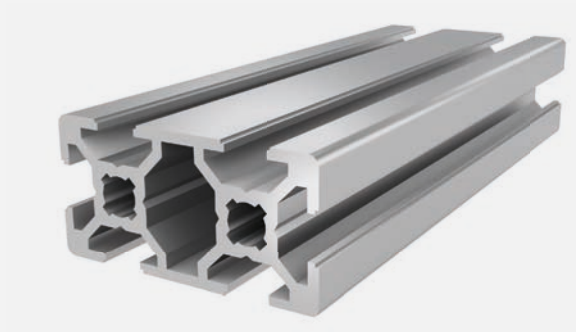
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x20 R90	Cut to length	6	0.4 kg/m	**20100400**
20x20 R90	3060	6	0.4 kg/m	**20100403**
20x20 R90	6060	6	0.4 kg/m	**20100401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

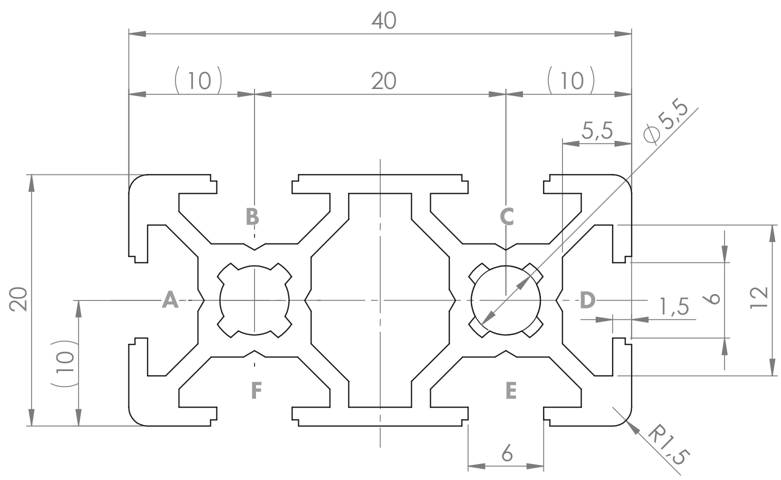


PROFILE 20x40 SLOT 6

Material: anodised aluminium

Technical data:

Surface A [cm²]	2.90
Moment of inertia Ix [cm⁴]	4.60
Moment of inertia Iy [cm⁴]	1.20
Section modulus Wx [cm³]	2.50
Section modulus Wy [cm³]	1.40
Weight m [kg/m]	0.80



Standard processing:	Art. no.:
M6= / -	**103161**
M6= / M6=	**103152**
D5.8= / -	**102092**
D5.8= / D5.8=	**102098**
D5.8V / -	**102101**
D5.8V / D5.8V	**102102**

Explanations and further processing options can be found on p. 223-231

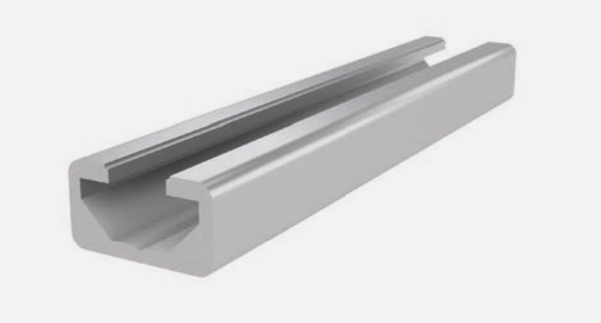
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
20x40	Cut to length	6	0.8 kg/m	**20100600**
20x40	6060	6	0.8 kg/m	**20100601**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 20x20

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
20x20 (2x)	6	4	Black	**401004**



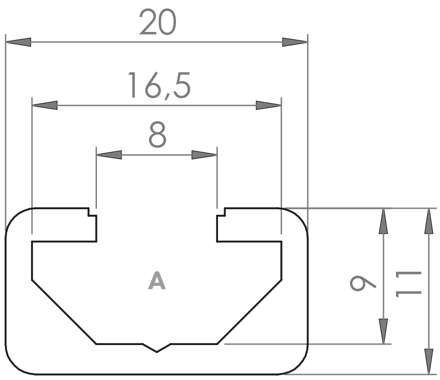
8

PROFILE 11x20 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.00
Moment of inertia Ix [cm⁴]	0.50
Moment of inertia Iy [cm⁴]	0.10
Section modulus Wx [cm³]	0.77
Section modulus Wy [cm³]	0.37
Weight m [kg/m]	0.30



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

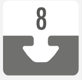
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
11x20	Cut to length	8	0.3 kg/m	**20100100**
11x20	3060	8	0.3 kg/m	**20100103**
11x20	6060	8	0.3 kg/m	**20100101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

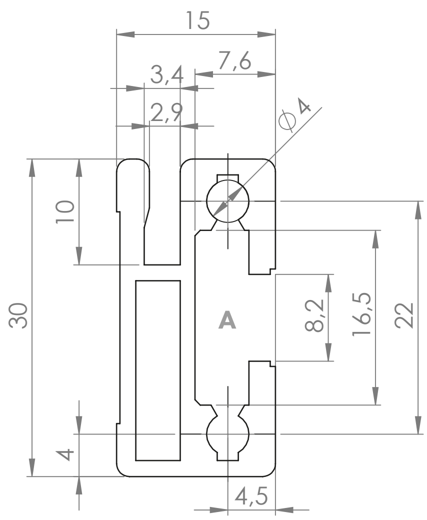


SUSPENSION PROFILE 15x30 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	2.03
Moment of inertia Ix [cm⁴]	2.06
Moment of inertia Iy [cm⁴]	0.48
Section modulus Wx [cm³]	2.68
Section modulus Wy [cm³]	0.32
Weight m [kg/m]	0.50



Standard processing:	Art. no.:
D8.5/-	**102331**
D8.5/D8.5	**102332**

Explanations and further processing options can be found on p. 223-231

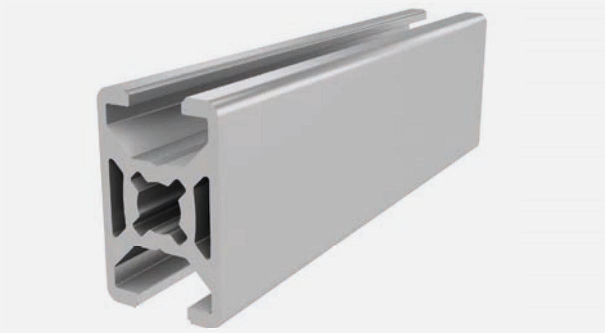
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
15x30	Cut to length	8	0.5 kg/m	**20100200**
15x30	3060	8	0.5 kg/m	**20100203**
15x30	6060	8	0.5 kg/m	**20100201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 15x30, SUSPENSION PROFILE

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	ESD	Art. no.:
15x30	8	-	Black		**401006**



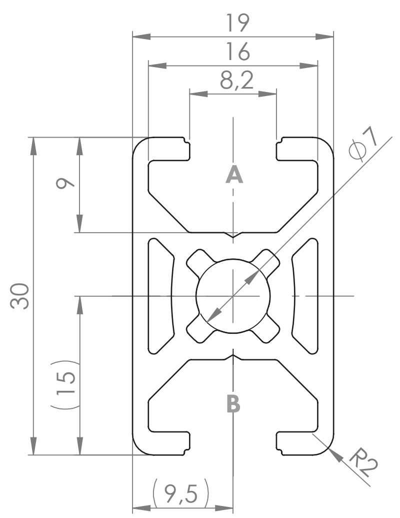
8

PROFILE 19x30 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	2.40
Moment of inertia Ix [cm⁴]	1.56
Moment of inertia Iy [cm⁴]	1.10
Section modulus Wx [cm³]	1.04
Section modulus Wy [cm³]	1.15
Weight m [kg/m]	0.62



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**

Explanations and further processing options can be found on p. 223-231

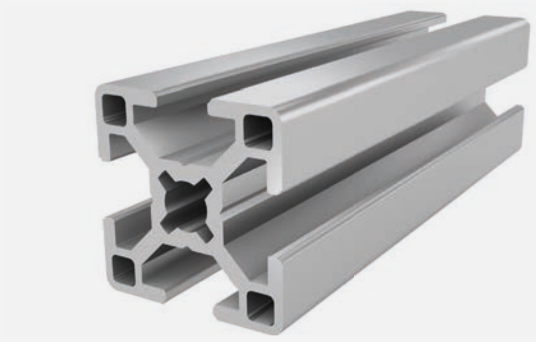
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
19x30	Cut to length	8	0.62 kg/m	**20112500**
19x30	6060	8	0.62 kg/m	**20112501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 19x30 SLOT 8

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
19x30	8	4	Black	**401005**

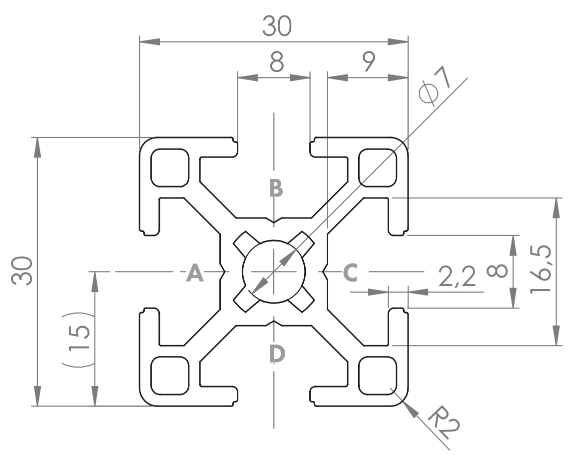


PROFILE 30x30 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.10
Moment of inertia Ix [cm⁴]	2.70
Moment of inertia Iy [cm⁴]	2.70
Section modulus Wx [cm³]	1.80
Section modulus Wy [cm³]	1.80
Weight m [kg/m]	0.80



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8 / D7.8V	**102110**
D7.8+ / -	**102115**
D7.8+ / D7.8+	**102117**
D11 / -	**102400**
D11 / D11	**102405**
D11 / D11V	**102425**
D11(SSV) / -	**102370**
D11(SSV) / D11(SSV)	**102372**
D11(SSV) / D11V(SSV)	**102374**

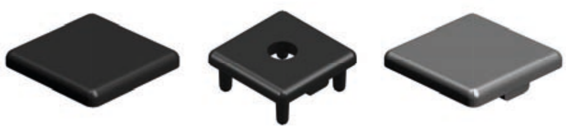
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30	Cut to length	8	0.85 kg/m	**20101000**
30x30	3060	8	0.85 kg/m	**20101003**
30x30	6060	8	0.85 kg/m	**20101001**

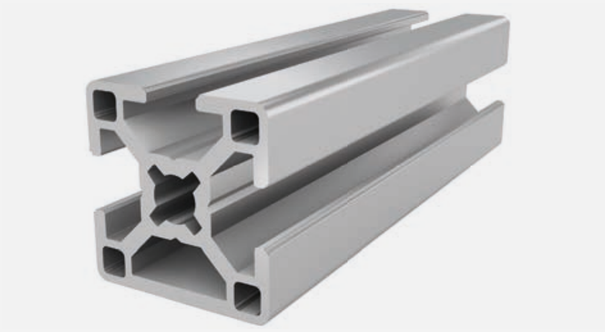
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x30 SLOT 8, 30x30 WITH HOLE SLOT 8

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	8	4	Black	**401010**
30x30	8	4	With hole (Ø8.5), black	**401016**
30x30	8	4	Signal grey	**401110**



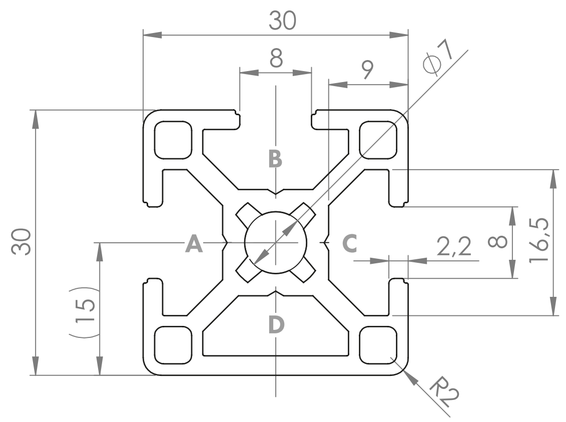
8

PROFILE 30x30 3N SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.32
Moment of inertia Ix [cm⁴]	3.10
Moment of inertia Iy [cm⁴]	2.78
Section modulus Wx [cm³]	1.97
Section modulus Wy [cm³]	1.85
Weight m [kg/m]	0.90



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8+ / D7.8+	**102117**
D11 / -	**102400**
D11 / D11	**102405**
D11(SSV) / -	**102370**
D11(SSV) / D11(SSV)	**102372**
D11(SSV) / D11V(SSV)	**102374**

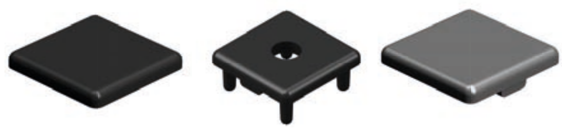
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30 3N	Cut to length	8	0.9 kg/m	**20101030**
30x30 3N	6060	8	0.9 kg/m	**20101031**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

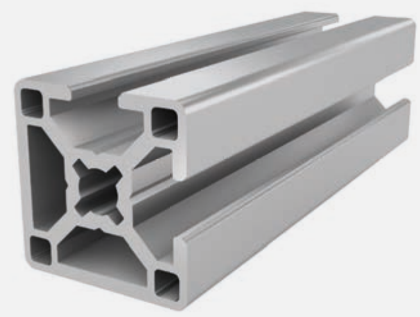
COVER CAP 30x30 SLOT 8, 30x30 WITH HOLE SLOT 8

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	8	4	Black	**401010**
30x30	8	4	With hole (Ø8.5), black	**401016**
30x30	8	4	Signal grey	**401110**

1

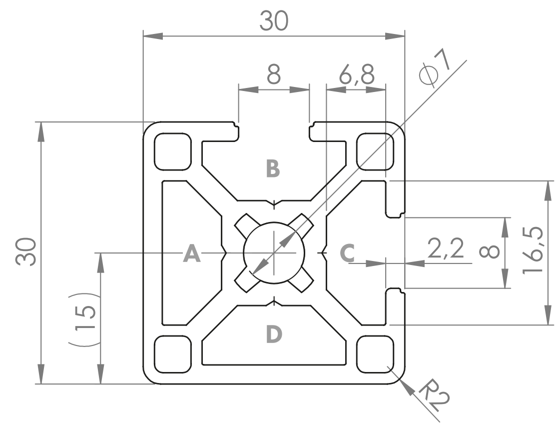


PROFILE 30x30 2N90 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.50
Moment of inertia Ix [cm⁴]	3.11
Moment of inertia Iy [cm⁴]	3.11
Section modulus Wx [cm³]	1.98
Section modulus Wy [cm³]	1.98
Weight m [kg/m]	0.95



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8+ / -	**102115**
D7.8+ / D7.8+	**102117**
D11=(SSV) / -	**102376**
D11=(SSV) / D11=(SSV)	**102378**

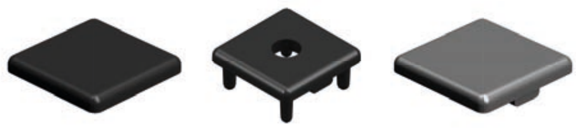
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30 2N90	Cut to length	8	0.95 kg/m	**20101020**
30x30 2N90	6060	8	0.95 kg/m	**20101021**

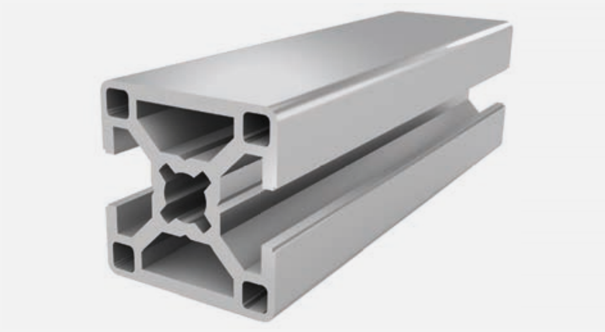
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x30 SLOT 8, 30x30 WITH HOLE SLOT 8

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	8	4	Black	**401010**
30x30	8	4	With hole (Ø8.5), black	**401016**
30x30	8	4	Signal grey	**401110**



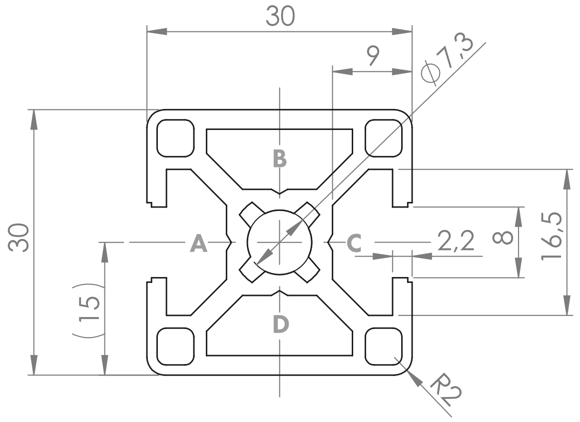
8

PROFILE 30x30 2N180 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.51
Moment of inertia Ix [cm⁴]	3.48
Moment of inertia Iy [cm⁴]	2.79
Section modulus Wx [cm³]	2.32
Section modulus Wy [cm³]	1.86
Weight m [kg/m]	0.95



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8 / D7.8V	**102110**
D7.8+ / -	**102115**
D7.8+ / D7.8+	**102117**
D11 / -	**102400**
D11 / D11	**102405**
D11(SSV) / -	**102370**
D11(SSV) / D11(SSV)	**102372**

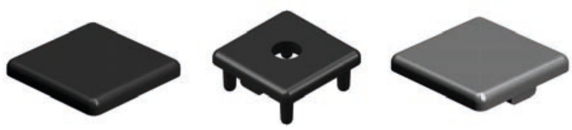
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30 2N180	Cut to length	8	0.95 kg/m	**20101040**
30x30 2N180	6060	8	0.95 kg/m	**20101041**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

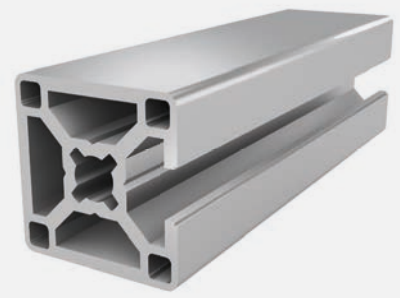
COVER CAP 30x30 SLOT 8, 30x30 WITH HOLE SLOT 8

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	8	4	Black	**401010**
30x30	8	4	With hole (Ø8.5), black	**401016**
30x30	8	4	Signal grey	**401110**

1



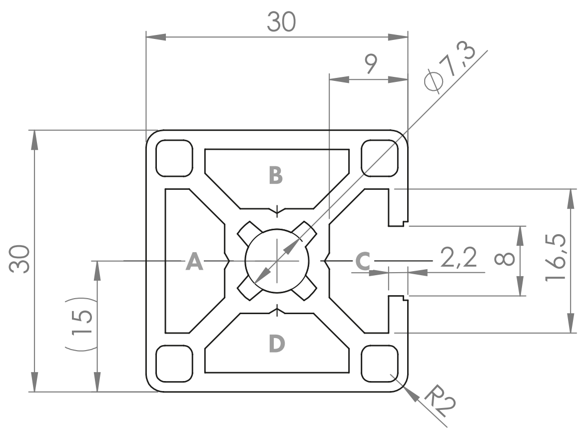
8

PROFILE 30x30 1N SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.69
Moment of inertia Ix [cm⁴]	3.12
Moment of inertia Iy [cm⁴]	3.49
Section modulus Wx [cm³]	1.99
Section modulus Wy [cm³]	2.32
Weight m [kg/m]	1.00



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8 / D7.8V	**102110**
D7.8+ / -	**102115**
D7.8+ / D7.8+	**102117**
D11(SSV) / -	**102370**
D11(SSV) / D11(SSV)	**102372**

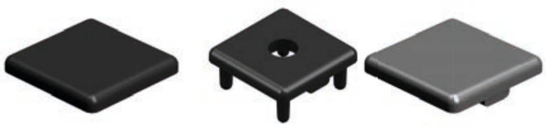
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30 1N	Cut to length	8	1 kg/m	**20101010**
30x30 1N	6060	8	1 kg/m	**20101011**

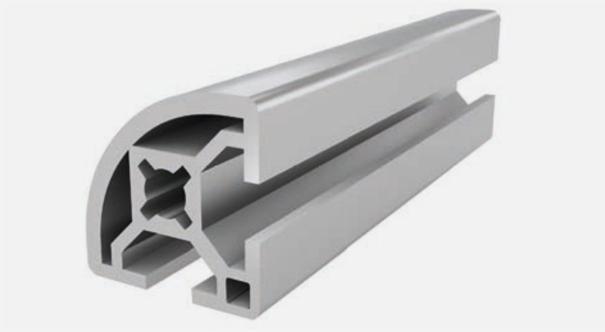
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x30 SLOT 8, 30x30 WITH HOLE SLOT 8

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30	8	4	Black	**401010**
30x30	8	4	With hole (Ø8.5), black	**401016**
30x30	8	4	Signal grey	**401110**



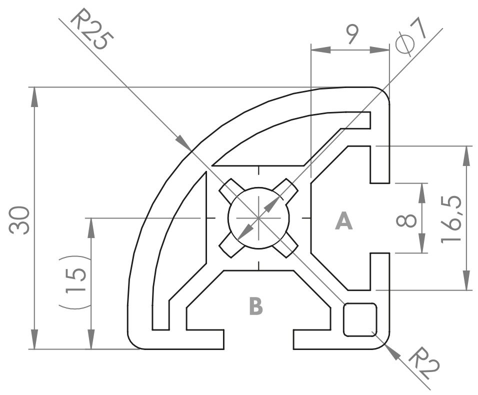
8

PROFILE 30x30 R90° SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	2.90
Moment of inertia Ix [cm⁴]	2.30
Moment of inertia Iy [cm⁴]	2.30
Section modulus Wx [cm³]	7.00
Section modulus Wy [cm³]	3.90
Weight m [kg/m]	0.80



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D11 / -	**102400**
D11 / D11	**102405**

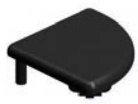
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30 R90°	Cut to length	8	0.8 kg/m	**20100900**
30x30 R90°	6060	8	0.8 kg/m	**20100901**

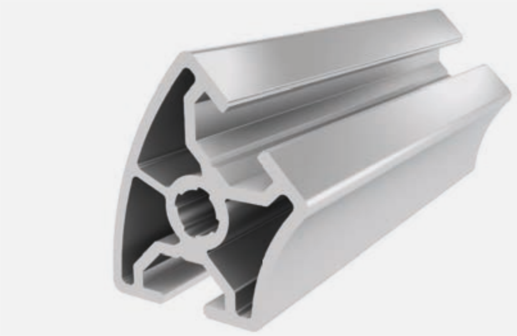
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x30 R90° SLOT 8

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30 R90°	8	2.1	Black	**401018**

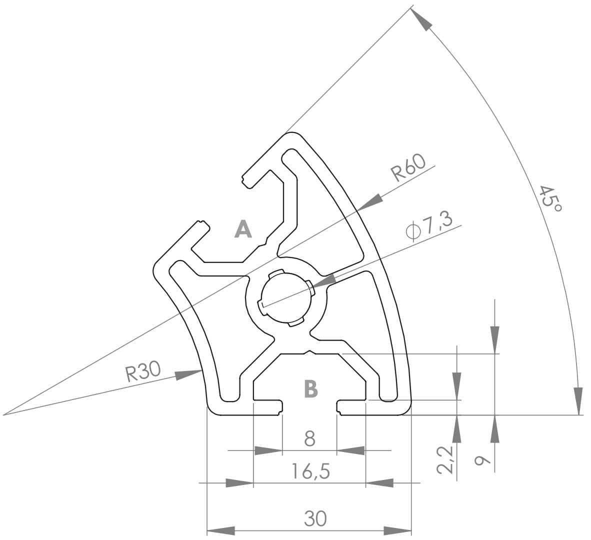


PROFILE 30 R30/R60 - 45° SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	4.12
Moment of inertia Ix [cm⁴]	3.70
Moment of inertia Iy [cm⁴]	5.29
Section modulus Wx [cm³]	2.13
Section modulus Wy [cm³]	2.37
Weight m [kg/m]	1.11



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30 R30/R60 - 45°	Cut to length	8	1.11 kg/m	**20101080**
30 R30/R60 - 45°	6060	8	1.11 kg/m	**20101081**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

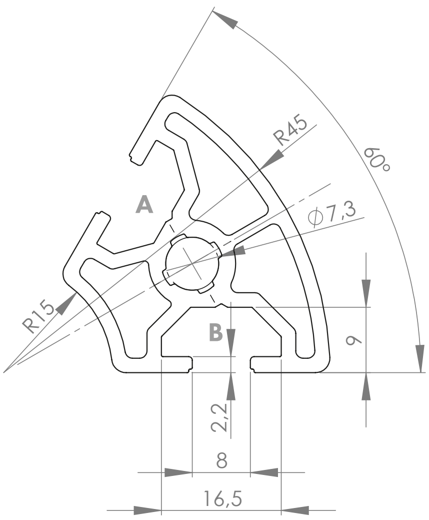
8

PROFILE 30x30 R15/R45 - 60° SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.73
Moment of inertia Ix [cm⁴]	4.24
Moment of inertia Iy [cm⁴]	3.12
Section modulus Wx [cm³]	1.95
Section modulus Wy [cm³]	1.77
Weight m [kg/m]	1.09



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

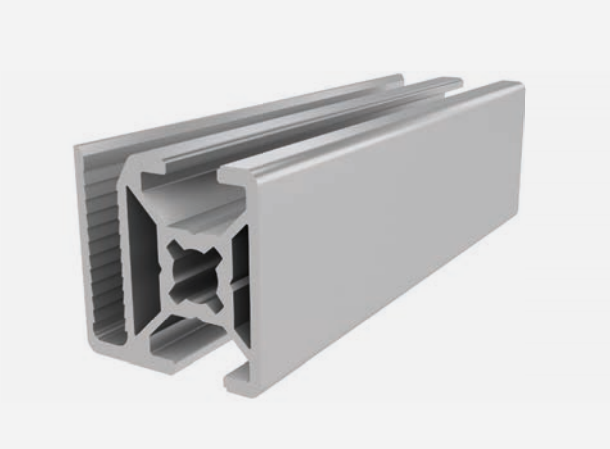
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x30 R15/R45 - 60°	Cut to length	8	1.01 kg/m	**20101090**
30x30 R15/R45 - 60°	6060	8	1.01 kg/m	**20101091**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

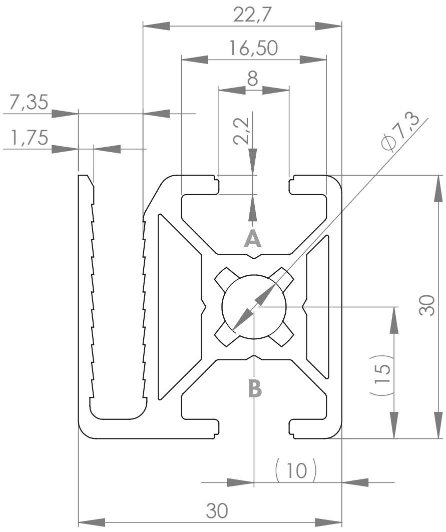


PROTECTIVE GRILLE PROFILE 30x30 WG 30 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.23
Moment of inertia Ix [cm⁴]	2.60
Moment of inertia Iy [cm⁴]	3.04
Section modulus Wx [cm³]	1.65
Section modulus Wy [cm³]	1.96
Weight m [kg/m]	0.87



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102105**

Explanations and further processing options can be found on p. 223-231

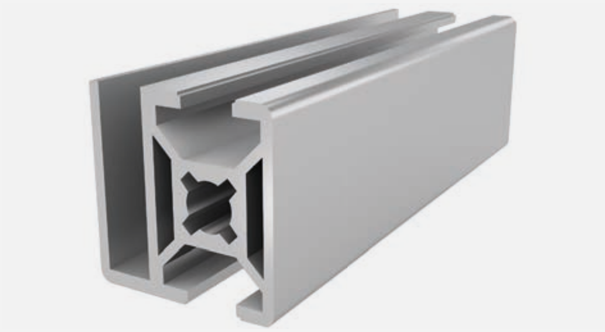
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Protective grille profile 30x30 WG 30 slot 8	Cut to length	8	0.87 kg/m	**20100700**
Protective grille profile 30x30 WG 30 slot 8	6060	8	0.87 kg/m	**20100701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x30 WG40, 30x30 WG40 WITH HOLE

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30 WG 30/40	8	0.3	Black	**401008**
30x30 WG 30/40	8	0.3	With hole (Ø9), black	**401007**



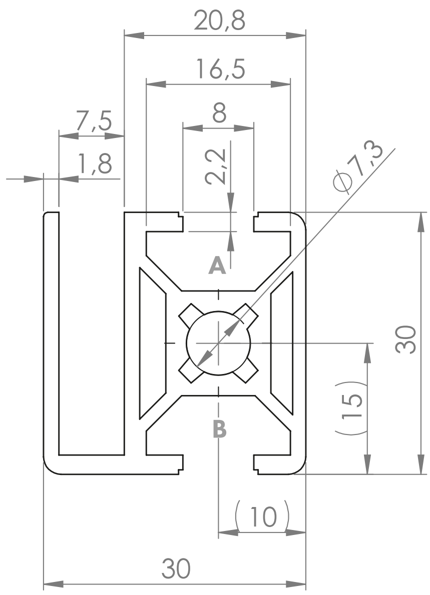
8

PROTECTIVE GRILLE PROFILE 30x30 WG 40 N8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.20
Moment of inertia Ix [cm⁴]	2.40
Moment of inertia Iy [cm⁴]	2.90
Section modulus Wx [cm³]	1.50
Section modulus Wy [cm³]	1.80
Weight m [kg/m]	0.90



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102105**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Protective grille profile 30x30 WG 40 slot 8	Cut to length	8	0.9 kg/m	**20100710**
Protective grille profile 30x30 WG 40 slot 8	6060	8	0.9 kg/m	**20100711**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x30 WG40, 30x30 WG40 WITH HOLE

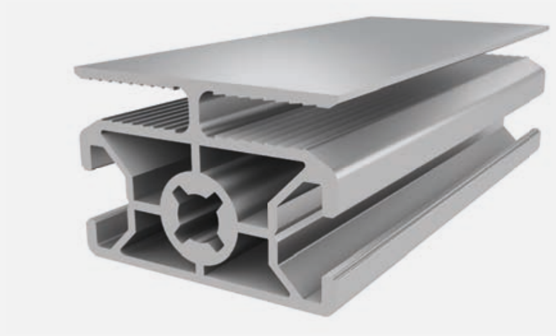
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30 WG30/40	8	0.3	Black	**401008**
30x30 WG30/40	8	0.3	With hole (Ø9), black	**401007**

1

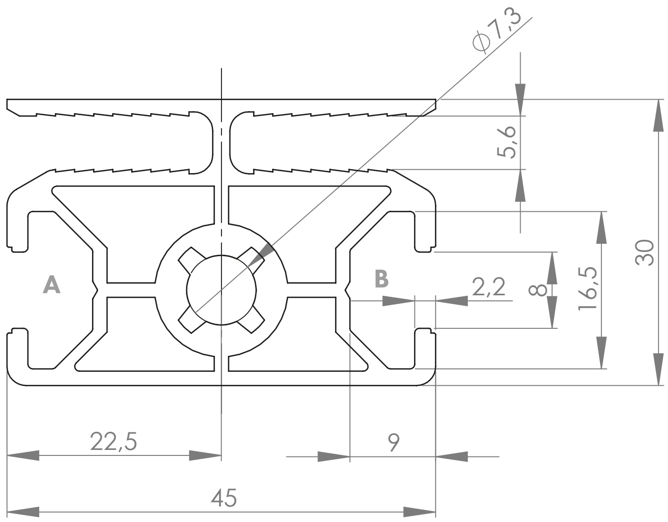
PROTECTIVE GRILLE PROFILE 30x45 WG 30 SLOT 8

Material: anodised aluminium



Technical data:

Surface A [cm²]	4.51
Moment of inertia Ix [cm⁴]	7.21
Moment of inertia Iy [cm⁴]	4.29
Section modulus Wx [cm³]	3.21
Section modulus Wy [cm³]	2.74
Weight m [kg/m]	1.22



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102105**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Protective grille profile 30x45 WG 30 slot 8	Cut to length	8	1.22 kg/m	**20100800**
Protective grille profile 30x45 WG 30 slot 8	6060	8	1.22 kg/m	**20100801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

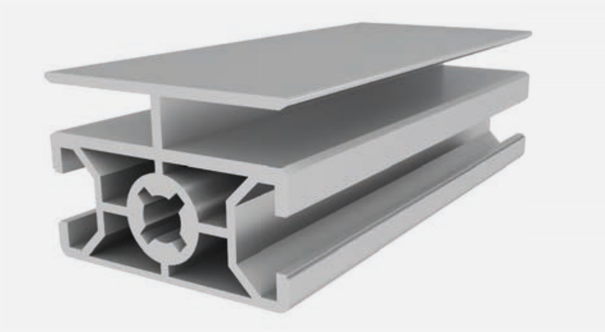
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

8

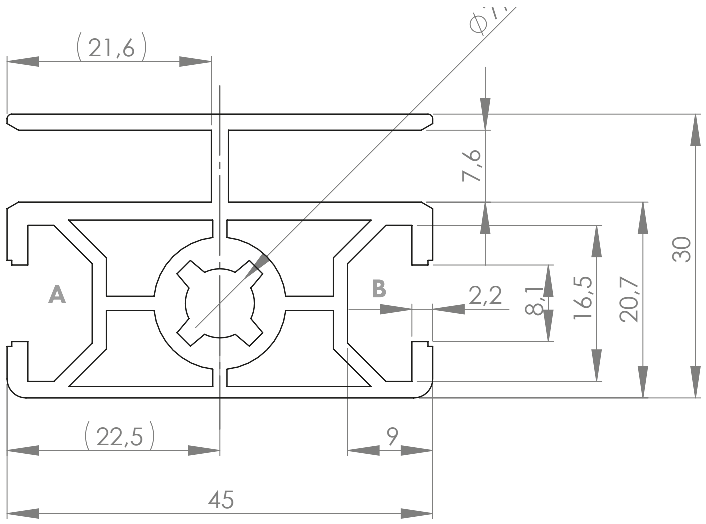
PROTECTIVE GRILLE PROFILE 30x45 WG 40 SLOT 8

Material: anodised aluminium



Technical data:

Surface A [cm²]	4.50
Moment of inertia Ix [cm⁴]	6.90
Moment of inertia Iy [cm⁴]	4.10
Section modulus Wx [cm³]	4.30
Section modulus Wy [cm³]	1.80
Weight m [kg/m]	1.20



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 223-231

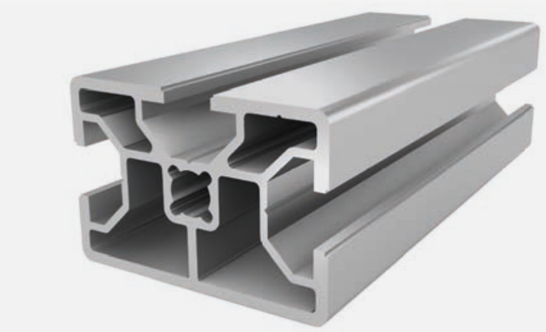
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Protective grille profile 30x45 WG 40 slot 8	Cut to length	8	1.2 kg/m	**20100810**
Protective grille profile 30x45 WG 40 slot 8	6060	8	1.2 kg/m	**20100811**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



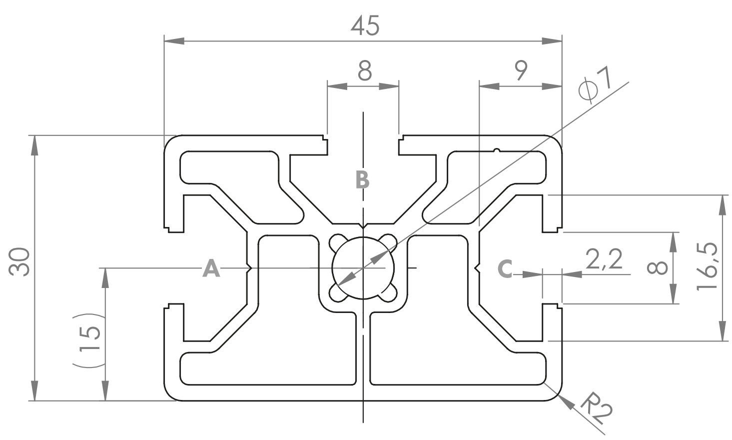
8

PROFILE 30x45 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.90
Moment of inertia Ix [cm⁴]	8.10
Moment of inertia Iy [cm⁴]	3.90
Section modulus Wx [cm³]	3.90
Section modulus Wy [cm³]	2.50
Weight m [kg/m]	1.10



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8 / D7.8V	**102110**
D7.8+ / -	**102115**
D7.8+ / D7.8+	**102117**
D11(SSV) / -	**102370**
D11(SSV) / D11(SSV)	**102372**
D11(SSV) / D11V(SSV)	**102374**

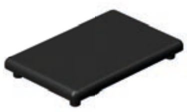
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x45	Cut to length	8	1.1 kg/m	**20101600**
30x45	6060	8	1.1 kg/m	**20101601**

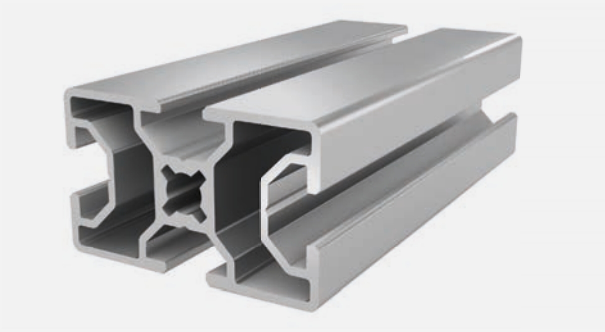
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x45 SLOT 8

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x45	8	4.9	Black	**401012**

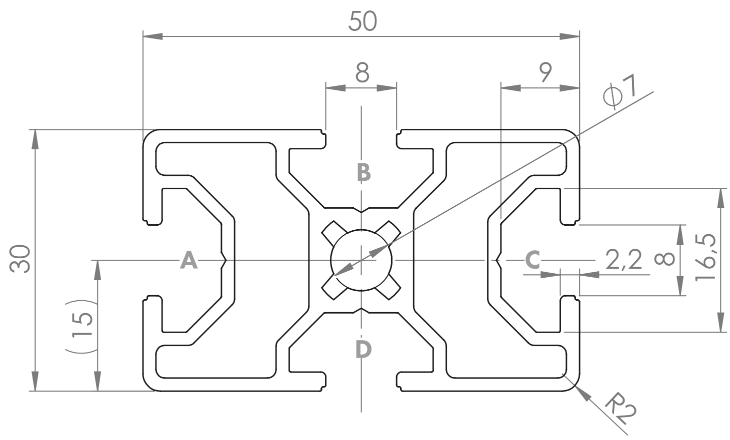


PROFILE 30x50L SLOT 8

Material: Anodised aluminium

Technical data:

Surface A [cm²]	4.30
Moment of inertia Ix [cm⁴]	4.25
Moment of inertia Iy [cm⁴]	10.27
Section modulus Wx [cm³]	3.90
Section modulus Wy [cm³]	2.90
Weight m [kg/m]	1.10



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8+ / -	**102115**
D7.8+ / D7.8+	**102117**
D11 / -	**102400**
D11 / D11	**102405**
D11(SSV) / -	**102370**
D11(SSV) / D11(SSV)	**102372**

Explanations and further processing options can be found on p. 223-231

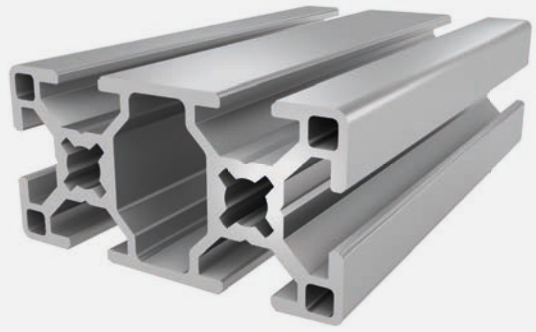
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x50L	Cut to length	8	1.1 kg/m	**20104300**
30x50L	6060	8	1.1 kg/m	**20104301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x50 BLACK

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x50	8	5.7	Black	**401017**



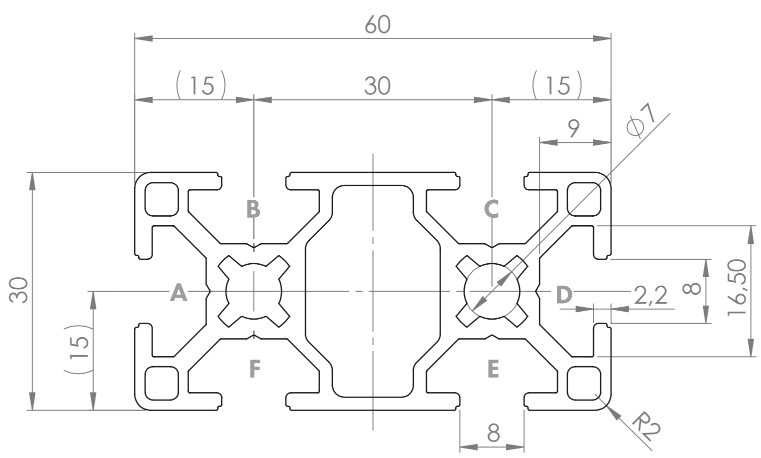
8

PROFILE 30x60 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.60
Moment of inertia Ix [cm⁴]	19.70
Moment of inertia Iy [cm⁴]	5.10
Section modulus Wx [cm³]	7.00
Section modulus Wy [cm³]	3.90
Weight m [kg/m]	1.50



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7.8= / -	**102120**
D7.8= / D7.8=	**102130**
D7.8= / D7.8V	**102135**
D7.8=+ / -	**102137**
D7.8=+ / D7.8=+	**102140**
D11= / -	**102410**
D11= / D11=	**102415**
D11=(SSV) / -	**102376**
D11=(SSV) / D11=(SSV)	**102378**

Explanations and further processing options can be found on p. 223-231

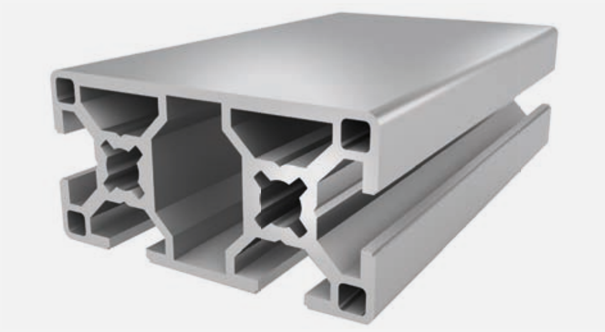
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x60	Cut to length	8	1.5 kg/m	**20101100**
30x60	3060	8	1.5 kg/m	**20101103**
30x60	6060	8	1.5 kg/m	**20101101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x60 SLOT 8

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x60	8	4	Black	**401011**

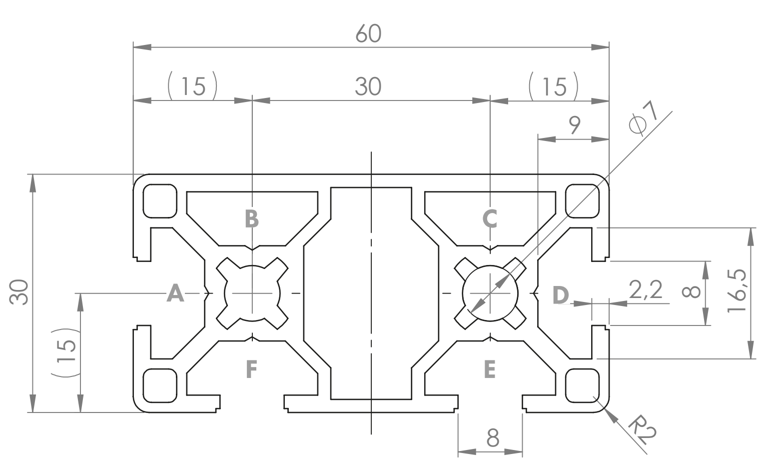


PROFILE 30x60 4N SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.80
Moment of inertia Ix [cm⁴]	20.20
Moment of inertia Iy [cm⁴]	5.50
Section modulus Wx [cm³]	6.70
Section modulus Wy [cm³]	3.80
Weight m [kg/m]	1.60



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7.8= / -	**102120**
D7.8= / D7.8=	**102130**
D7.8= / D7.8V	**102135**
D7.8=+ / -	**102137**
D7.8=+ / D7.8=+	**102140**
D11=(SSV) / -	**102376**
D11=(SSV) / D11=(SSV)	**102378**

Explanations and further processing options can be found on p. 223-231

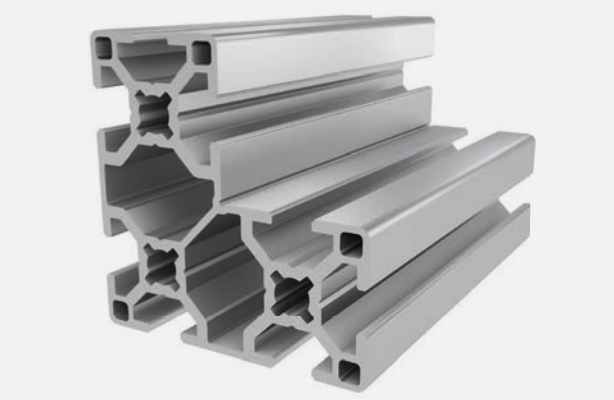
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x60 4N	Cut to length	8	1.6 kg/m	**20101160**
30x60 4N	6060	8	1.6 kg/m	**20101161**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 30x60 SLOT 8

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x60	8	4	Black	**401011**

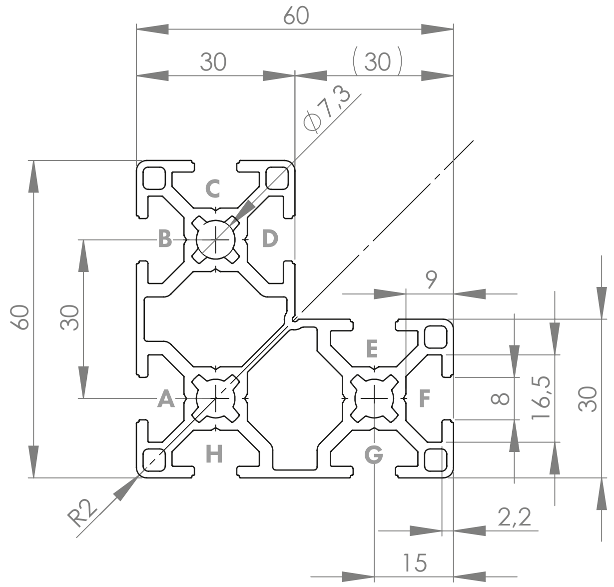


PROFILE 30x60x60L SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm^2]	8.22
Moment of inertia Ix [cm^4]	26.21
Moment of inertia Iy [cm^4]	26.21
Section modulus Wx [cm^3]	7.57
Section modulus Wy [cm^3]	7.57
Weight m [kg/m]	2.22



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7.8= / -	**102120**
D7.8= / D7.8=	**102130**
D7.8= / D7.8V	**102135**
D7.8=+ / -	**102137**
D7.8=+ / D7.8=+	**102140**
D11=(SSV) / -	**102376**
D11=(SSV) / D11=(SSV)	**102378**

Explanations and further processing options can be found on p. 223-231

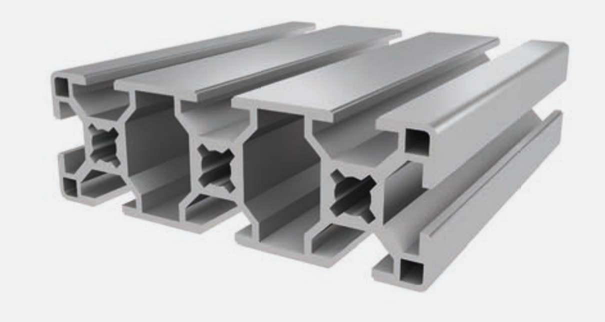
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x60x60L	Cut to length	8	2.22 kg/m	**20107600**
30x60x60L	6060	8	2.22 kg/m	**20107601**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 30x30

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30 (3x)	8	4	Black	**401010**
30x30 (3x)	8	4	Signal grey (RAL 7004)	**401110**

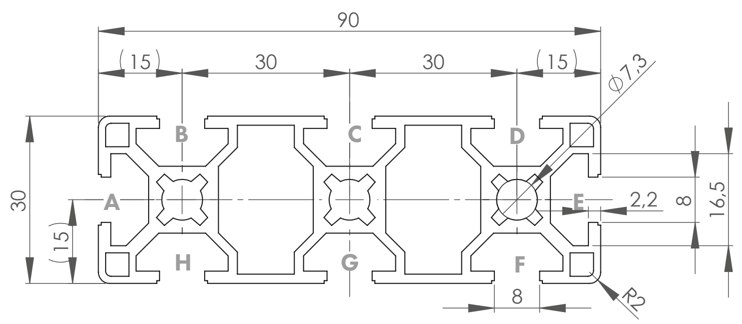


PROFILE 30x90 SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	7.70
Moment of inertia Ix [cm⁴]	60.70
Moment of inertia Iy [cm⁴]	7.30
Section modulus Wx [cm³]	13.50
Section modulus Wy [cm³]	4.90
Weight m [kg/m]	2.10



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7.8= / -	**102120**
D7.8= / D7.8=	**102130**
D7.8=+ / -	**102137**
D7.8=+ / D7.8=+	**102140**
D11= / -	**102410**
D11= / D11=	**102415**
D11=(SSV) / -	**102376**
D11=(SSV) / D11=(SSV)	**102378**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x90	Cut to length	8	2.1 kg/m	**20104100**
30x90	6060	8	2.1 kg/m	**20104101**

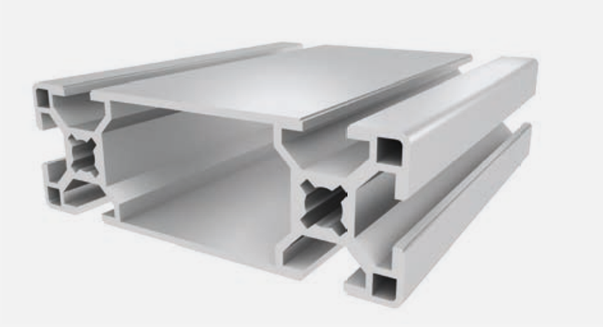
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 30x30

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x30 (3x)	8	4	Black	**401010**
30x30 (3x)	8	4	Signal grey (RAL 7004)	**401110**

1



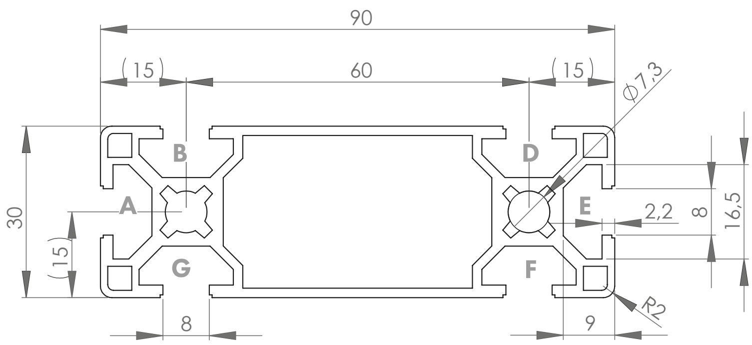
8

PROFILE 30x90 6N SLOT 8

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.47
Moment of inertia Ix [cm⁴]	60.3
Moment of inertia Iy [cm⁴]	7.0
Section modulus Wx [cm³]	13.4
Section modulus Wy [cm³]	4.6
Weight m [kg/m]	1.77



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7.8= / -	**102120**
D7.8= / D7.8=	**102130**
D7.8=+ / -	**102137**
D7.8=+ / D7.8=+	**102140**
D11= / -	**102410**
D11= / D11=	**102415**
D11=(SSV) / -	**102376**
D11=(SSV) / D11=(SSV)	**102378**

Explanations and further processing options can be found on p. 223-231

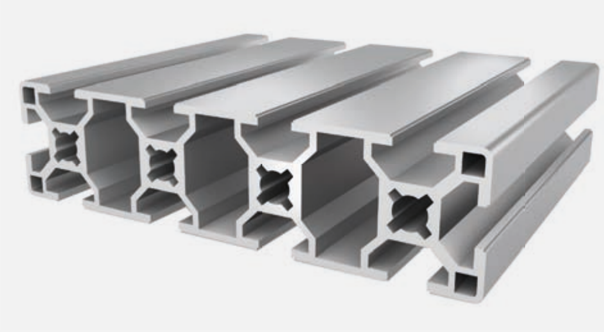
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x90 6N	Cut to length	8	1.77 kg/m	**20104160**
30x90 6N	6060	8	1.77 kg/m	**20104161**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

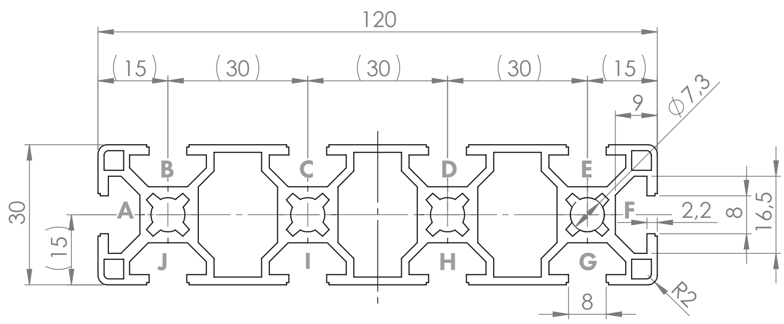


8

PROFILE 30x120 SLOT 8
Material: anodised aluminium

Technical data:

Surface A [cm²]	10.23
Moment of inertia Ix [cm⁴]	9.58
Moment of inertia Iy [cm⁴]	137.77
Section modulus Wx [cm³]	6.39
Section modulus Wy [cm³]	22.96
Weight m [kg/m]	2.70



Standard processing:	Art. no.:
M8= / -	**103215**
M8= / M8=	**103210**
D7.8= / -	**102120**
D7.8= / D7.8=	**102130**
D11= / -	**102410**
D11= / D11=	**102415**
D11=(SSV) / -	**102376**
D11=(SSV) / D11=(SSV)	**102378**

Explanations and further processing options can be found on p. 223-231

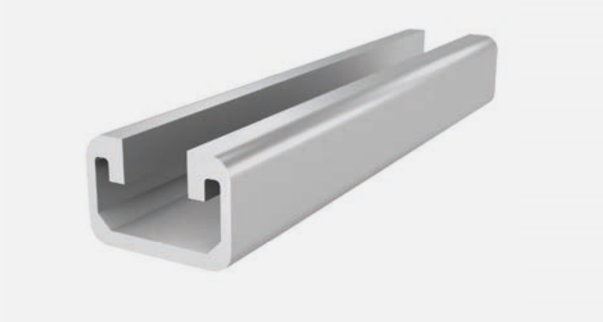
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x120	Cut to length	8	2.7 kg/m	**20103900**
30x120	6060	8	2.7 kg/m	**20103901**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 30x60
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x60 (2x)	8	4	Black	**401011**

1



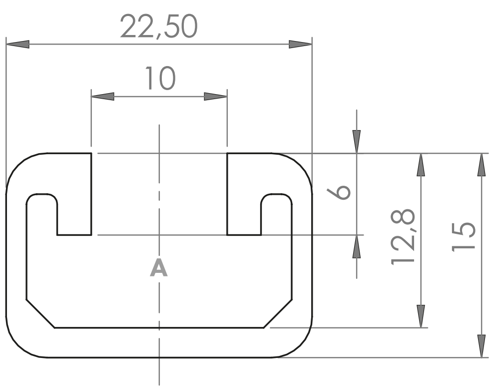
10

PROFILE 15x22.5 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm^2]	1.30
Moment of inertia Ix [cm^4]	0.80
Moment of inertia Iy [cm^4]	0.30
Section modulus Wx [cm^3]	0.90
Section modulus Wy [cm^3]	0.60
Weight m [kg/m]	0.30



Standard processing:	Art. no.:
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D17 / -	**102500**
D17 / D17	**102505**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
15x22.5	Cut to length	10	0.3 kg/m	**20102700**
15x22.5	6060	10	0.3 kg/m	**20102701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

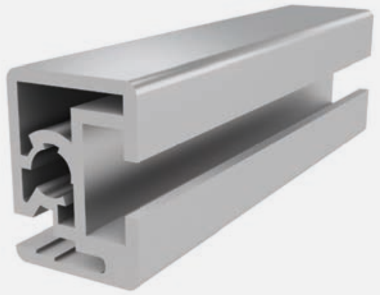
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

1

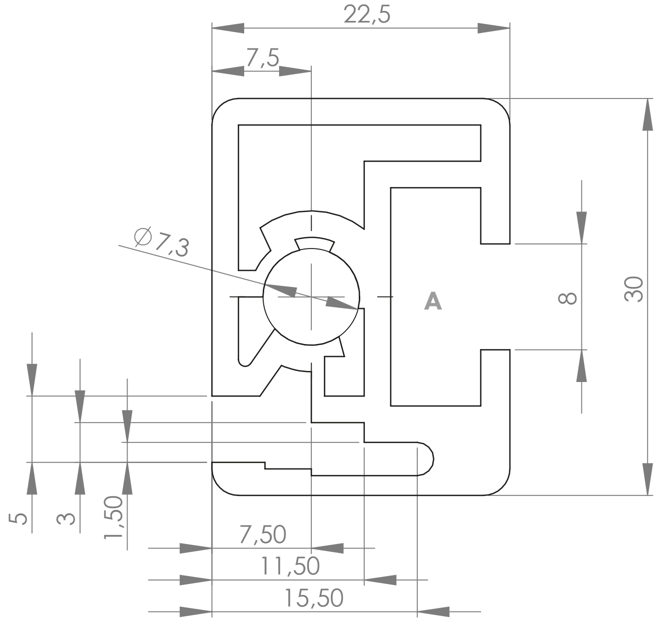
10

FRAME PROFILE 22.5x30 SLOT 8
Material: anodised aluminium



Technical data:

Surface A [cm²]	3.20
Moment of inertia Ix [cm⁴]	1.68
Moment of inertia Iy [cm⁴]	2.97
Section modulus Wx [cm³]	1.49
Section modulus Wy [cm³]	2.97
Weight m [kg/m]	0.81



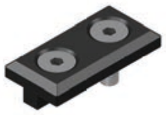
Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
22.5x30	Cut to length	8	0.81 kg/m	**20102600**
22.5x30	3060	8	0.81 kg/m	**20102603**
22.5x30	6060	8	0.81 kg/m	**20102601**

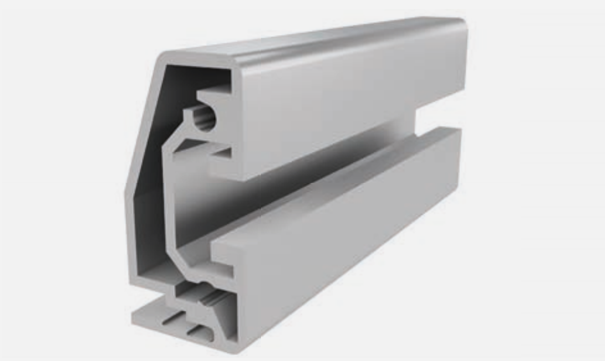
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

CORNER PIECE
Material: PA plastic (carbon-fibre reinforced), black



Description	Version	Weight	ESD	Art. no.:
Corner piece 22.5x30	Fastening kit*	-		**613050**

Fastening kit*		
1x self-tapping countersunk screw S8 x 25	1x countersunk screw DIN 7991 - M8 x 16	1x square nut DIN 562 - M8



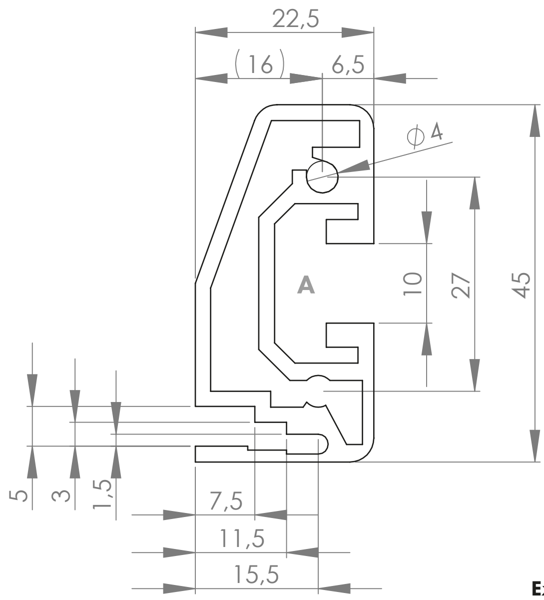
10

FRAME PROFILE 22.5x45 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	3.43
Moment of inertia Ix [cm⁴]	6.79
Moment of inertia Iy [cm⁴]	1.66
Section modulus Wx [cm³]	2.76
Section modulus Wy [cm³]	1.28
Weight m [kg/m]	0.88



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
22.5x45	Cut to length	10	0.88 kg/m	**20102900**
22.5x45	6060	10	0.88 kg/m	**20102901**

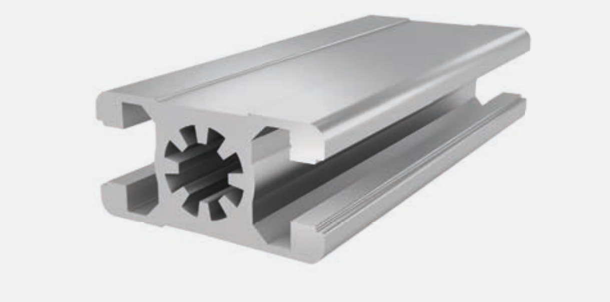
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

CORNER BRACKET

Material: die-cast aluminium

Description	Version	Weight	ESD	Art. no.:
Corner bracket 22.5x45 with fastening kit	Fastening kit*	-		**613051**

Fastening kit*	
1x corner bracket 22.5 x 45 slot 10, die-cast aluminium	4x screws DIN 7982 - 4.8 x 32, steel, zinc-plated

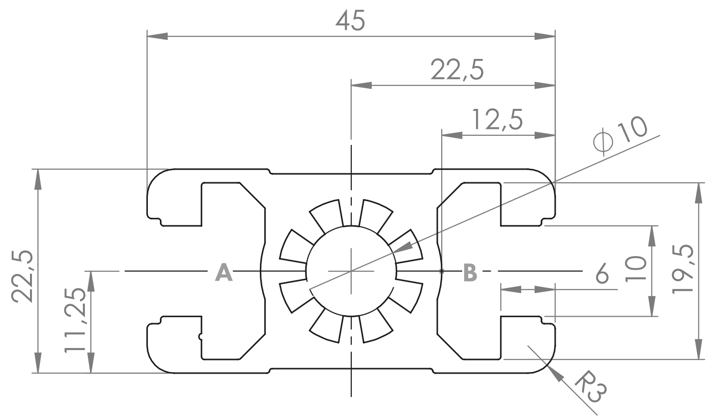


PROFILE 22.5x45 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	4.60
Moment of inertia Ix [cm⁴]	7.10
Moment of inertia Iy [cm⁴]	2.90
Section modulus Wx [cm³]	3.60
Section modulus Wy [cm³]	2.60
Weight m [kg/m]	1.30



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
22.5x45	Cut to length	10	0.3 kg/m	**20103100**
22.5x45	6060	10	0.3 kg/m	**20103101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

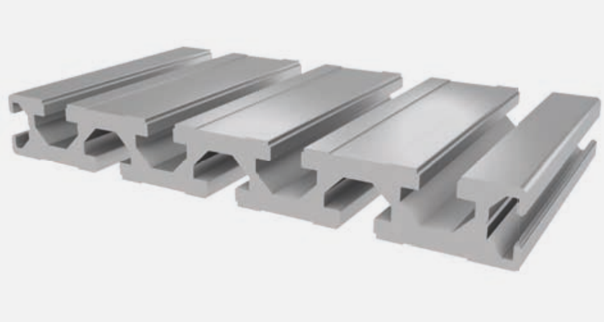
Dimensions (version)	Slot	Version	Weight (g)	Art. no.:
-	-	-	-	-

1

PROFILE 22.5x180 SLOT 10

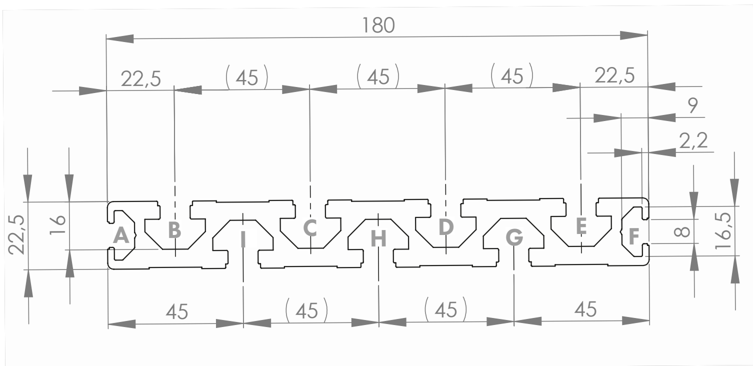
10

Material: anodised aluminium



Technical data:

Surface A [cm²]	21.48
Moment of inertia Ix [cm⁴]	581.99
Moment of inertia Iy [cm⁴]	11.79
Section modulus Wx [cm³]	64.67
Section modulus Wy [cm³]	10.24
Weight m [kg/m]	5.80



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

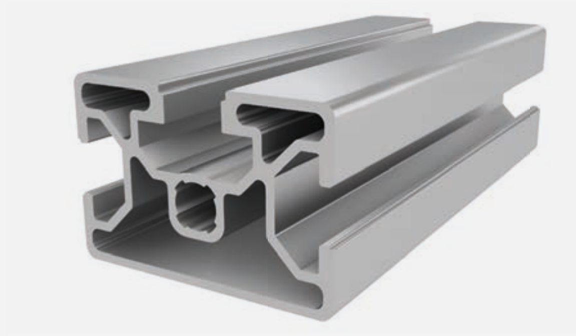
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
22.5x180	Cut to length	10	5.8 kg/m	**20102800**
22.5x180	6060	10	5.8 kg/m	**20102801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

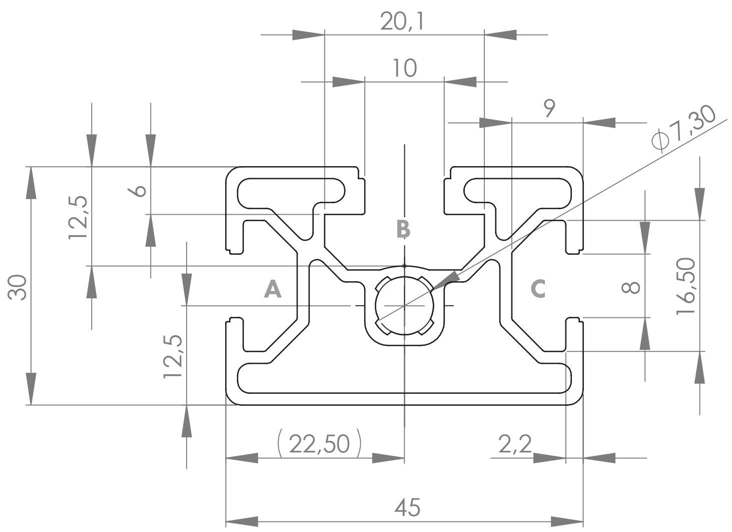
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



PROFILE 30x45 SLOT 8/10
Material: anodised aluminium

Technical data:

Surface A [cm²]	4.05
Moment of inertia Ix [cm⁴]	8.16
Moment of inertia Iy [cm⁴]	3.98
Section modulus Wx [cm³]	3.63
Section modulus Wy [cm³]	2.62
Weight m [kg/m]	1.09



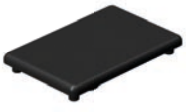
Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**
D7.8 / -	**102100**
D7.8 / D7.8	**102102**
D7.8+ / D7.8+	**102117**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x45	Cut to length	8 / 10	1.09 kg/m	**20101610**
30x45	6060	8 / 10	1.09 kg/m	**20101611**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP 30x45 SLOT 8/10
Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
30x45	8 / 10	4.9	Black	**401012**

1

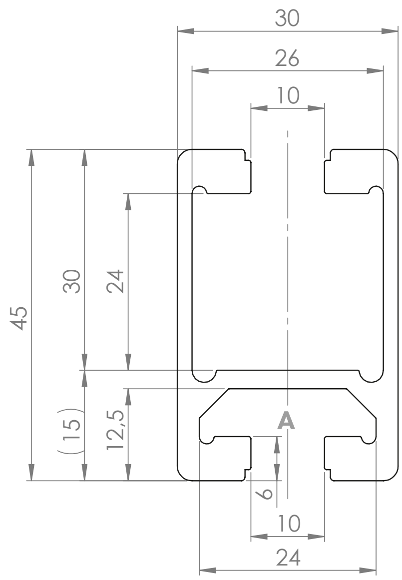
10

PROFILE 30x45C SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm^2]	4.40
Moment of inertia Ix [cm^4]	10.30
Moment of inertia Iy [cm^4]	5.60
Section modulus Wx [cm^3]	4.20
Section modulus Wy [cm^3]	3.70
Weight m [kg/m]	1.07



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

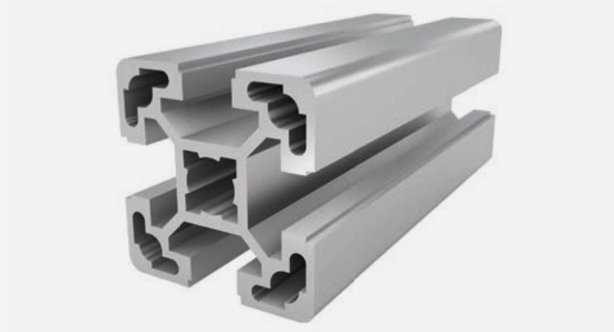
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
30x45C	Cut to length	10	1.07 kg/m	**20104200**
30x45C	6060	10	1.07 kg/m	**20104201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



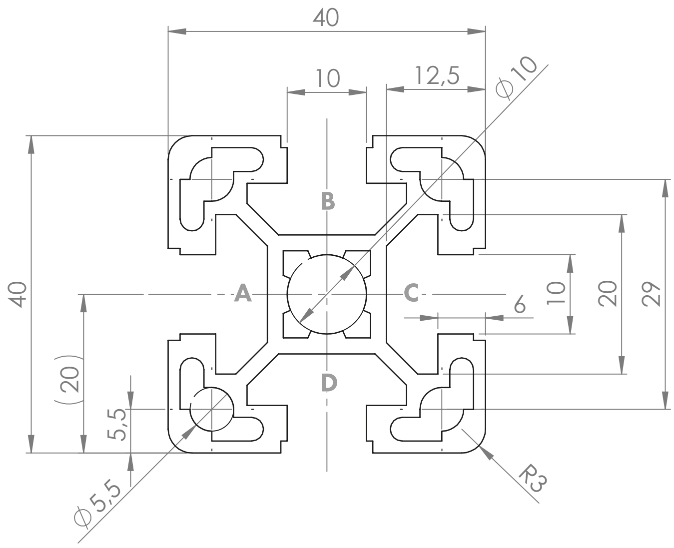
10

PROFILE 40x40L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.61
Moment of inertia Ix [cm⁴]	9.06
Moment of inertia Iy [cm⁴]	9.06
Section modulus Wx [cm³]	4.53
Section modulus Wy [cm³]	4.53
Weight m [kg/m]	1.51



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17 / -	**102500**
D17 / D17	**102505**
D17/ D17V	**102515**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**

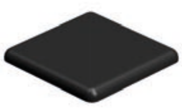
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L	Cut to length	10	1.51 kg/m	**20101700**
40x40L	3060	10	1.51 kg/m	**20101703**
40x40L	6060	10	1.51 kg/m	**20101701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x40 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	10	6	Black	**401015**

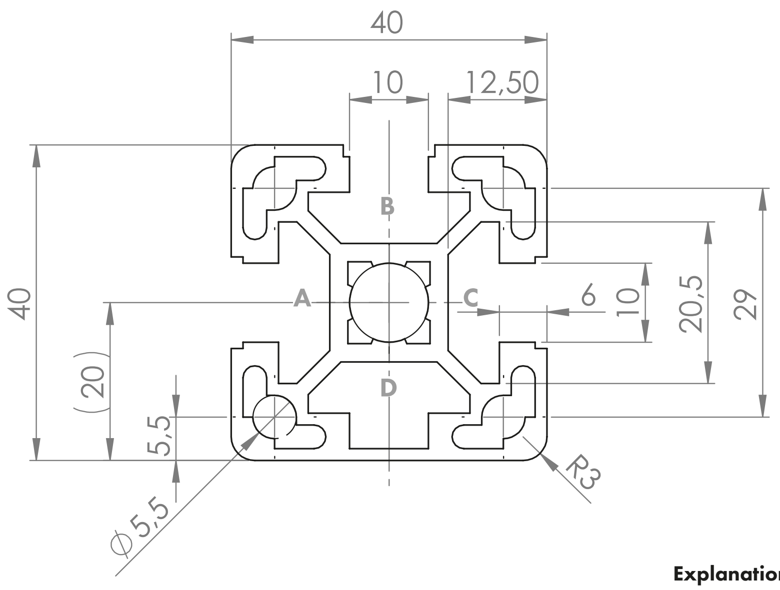
10

PROFILE 40x40L 3N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.79
Moment of inertia Ix [cm⁴]	9.69
Moment of inertia Iy [cm⁴]	9.08
Section modulus Wx [cm³]	4.71
Section modulus Wy [cm³]	4.54
Weight m [kg/m]	1.56



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17 / -	**102500**
D17 / D17	**102505**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ / -	**102315**
D9.8+ / D9.8+	**102325**

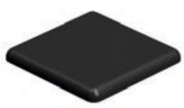
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 3N	Cut to length	10	1.5 kg/m	**20101730**
40x40L 3N	3060	10	1.5 kg/m	**20101733**
40x40L 3N	6060	10	1.5 kg/m	**20101731**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x40 SLOT 10

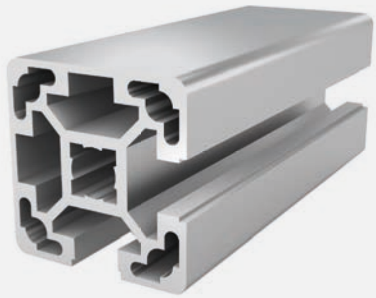
Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	10	6	Black	**401015**

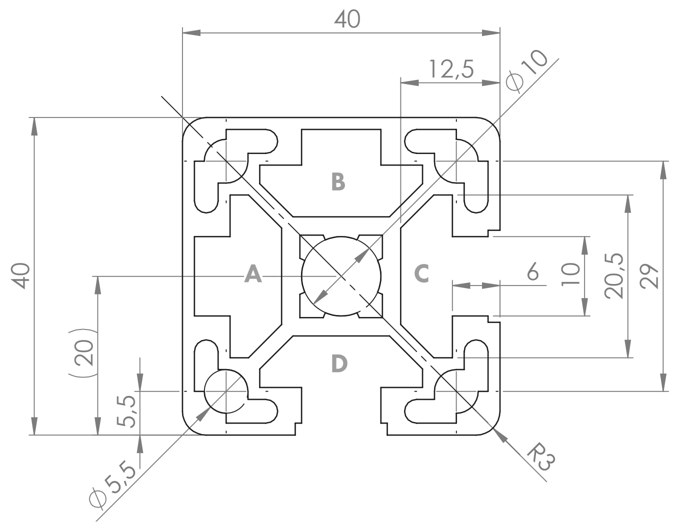
PROFILE 40x40L 2N90 SLOT 10 (light)

Material: anodised aluminium



Technical data:

Surface A [cm²]	5.96
Moment of inertia Ix [cm⁴]	9.71
Moment of inertia Iy [cm⁴]	9.71
Section modulus Wx [cm³]	4.72
Section modulus Wy [cm³]	4.72
Weight m [kg/m]	1.61



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ / -	**102315**
D9.8+ / D9.8+	**102325**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**

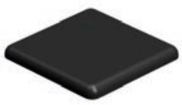
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 2N90	Cut to length	10	1.6 kg/m	**20101720**
40x40L 2N90	6060	10	1.6 kg/m	**20101721**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x40 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	10	6	Black	**401015**

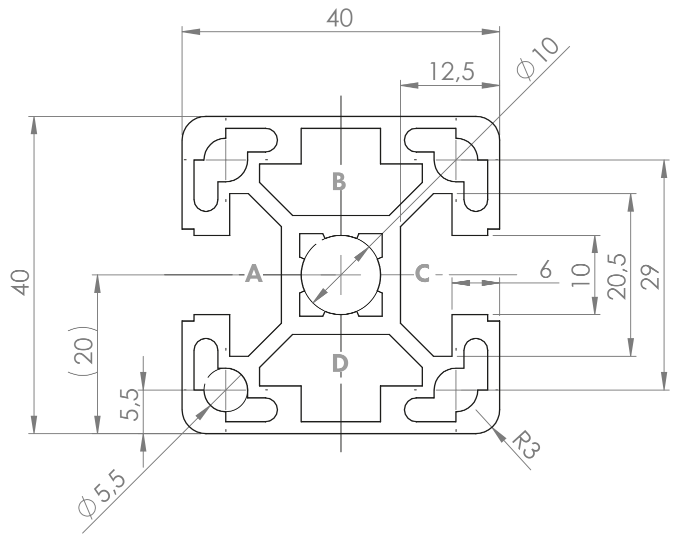
1

10

PROFILE 40x40L 2N180 SLOT 10 (light)
Material: anodised aluminium

Technical data:

Surface A [cm^2]	5.96
Moment of inertia Ix [cm^4]	10.36
Moment of inertia Iy [cm^4]	9.10
Section modulus Wx [cm^3]	5.18
Section modulus Wy [cm^3]	4.55
Weight m [kg/m]	1.61



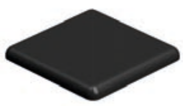
Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**
D17 / -	**102500**
D17 / D17	**102505**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**

Explanations and further processing options can be found on p. 223-231

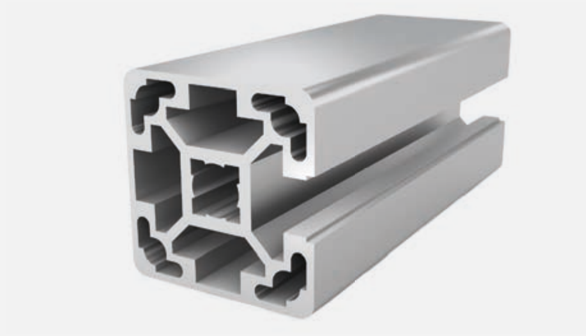
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 2N180	Cut to length	10	1.61 kg/m	**20101740**
40x40L 2N180	6060	10	1.61 kg/m	**20101741**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x40 SLOT 10
Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	10	6	Black	**401015**



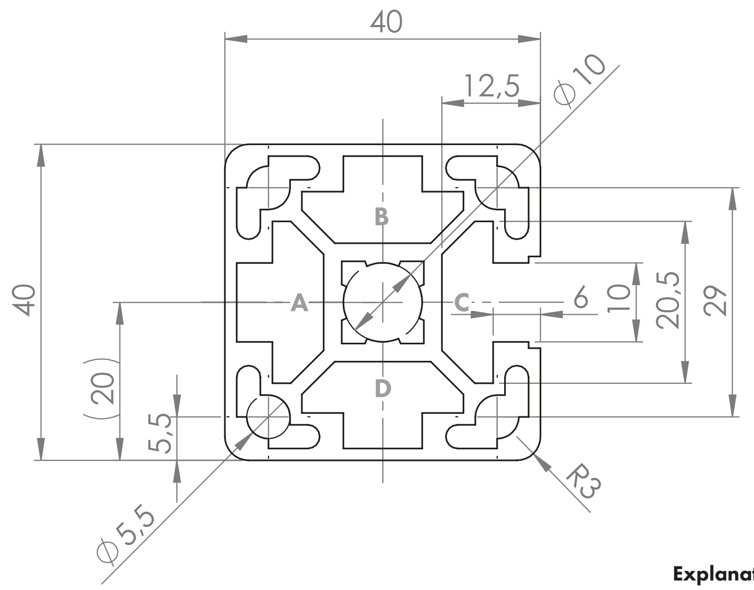
10

PROFILE 40x40L 1N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.80
Moment of inertia Ix [cm⁴]	9.70
Moment of inertia Iy [cm⁴]	9.00
Section modulus Wx [cm³]	4.80
Section modulus Wy [cm³]	4.50
Weight m [kg/m]	1.60



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**

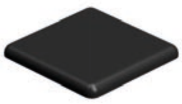
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L 1N	Cut to length	10	1.6 kg/m	**20101710**
40x40L 1N	6060	10	1.6 kg/m	**20101711**

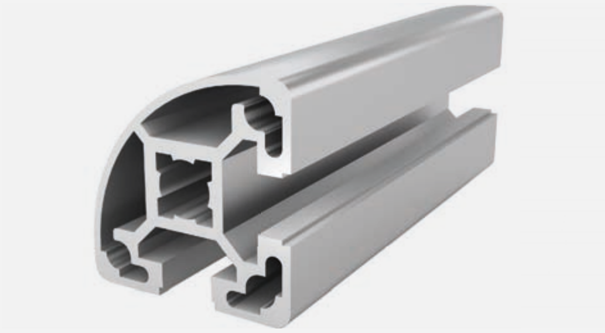
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x40 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x40	10	6	Black	**401015**



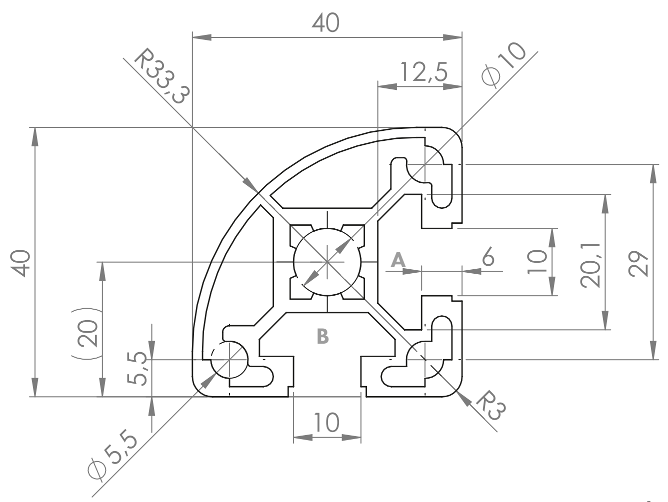
10

PROFILE 40x40L R90° SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm^2]	5.00
Moment of inertia Ix [cm^4]	7.20
Moment of inertia Iy [cm^4]	7.20
Section modulus Wx [cm^3]	3.60
Section modulus Wy [cm^3]	3.60
Weight m [kg/m]	1.30



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x40L R90°	Cut to length	10	1.3 kg/m	**20103300**
40x40L R90°	3060	10	1.3 kg/m	**20103303**
40x40L R90°	6060	10	1.3 kg/m	**20103301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

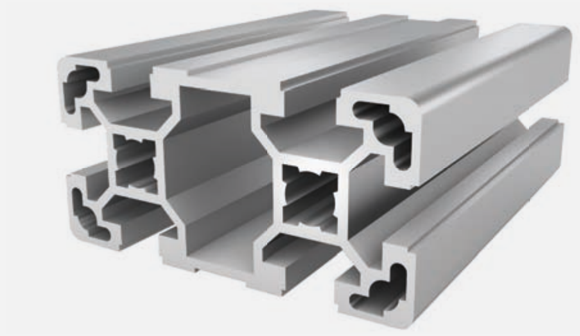
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

PROFILE 40x80L SLOT 10 (light)

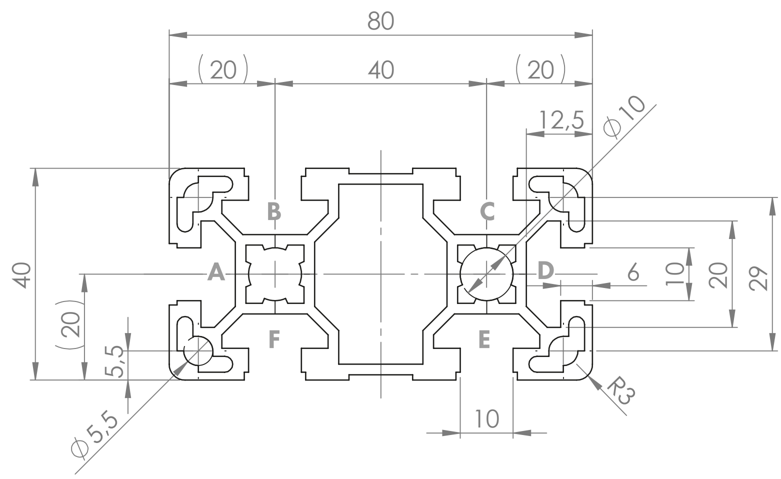
10

Material: anodised aluminium



Technical data:

Surface A [cm²]	9.90
Moment of inertia Ix [cm^4]	63.40
Moment of inertia Iy [cm^4]	17.30
Section modulus Wx [cm^3]	15.90
Section modulus Wy [cm^3]	8.70
Weight m [kg/m]	2.70



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**
D17= / -	**102520**
D17= / D17=	**102525**
D17= / D17V	**102535**
D17V / -	**102510**
D17V / D17V	**102540**
D17=(SSV) / -	**102386**
D17=(SSV) / D17=(SSV)	**102388**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L	Cut to length	10	2.7 kg/m	**20101900**
40x80L	3060	10	2.7 kg/m	**20101903**
40x80L	6060	10	2.7 kg/m	**20101901**

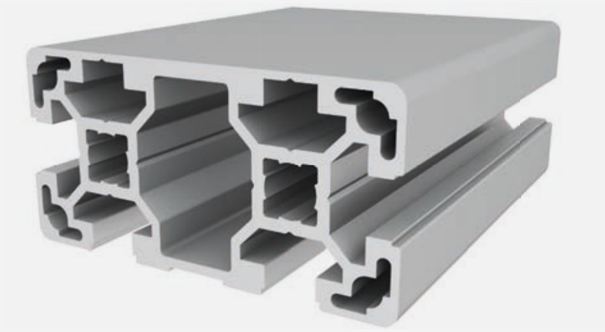
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x80 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	10	15	Black	**401055**

1



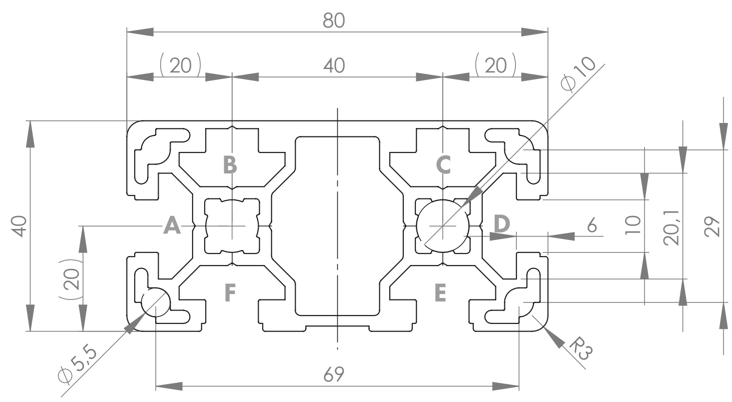
10

PROFILE 40x80L 4N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm^2]	10.40
Moment of inertia Ix [cm^4]	65.20
Moment of inertia Iy [cm^4]	19.10
Section modulus Wx [cm^3]	16.30
Section modulus Wy [cm^3]	9.90
Weight m [kg/m]	2.80



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**
D17V / -	**102510**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

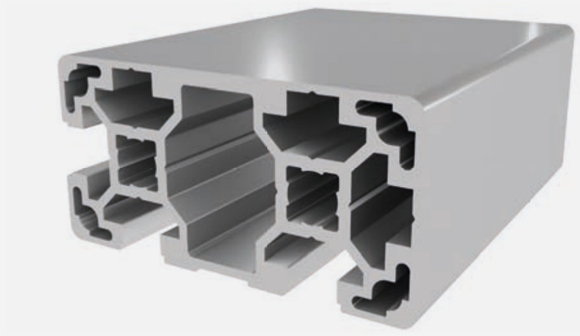
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L 4N	Cut to length	10	2.8 kg/m	**20101960**
40x80L 4N	6060	10	2.8 kg/m	**20101961**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x80 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	10	15	Black	**401055**



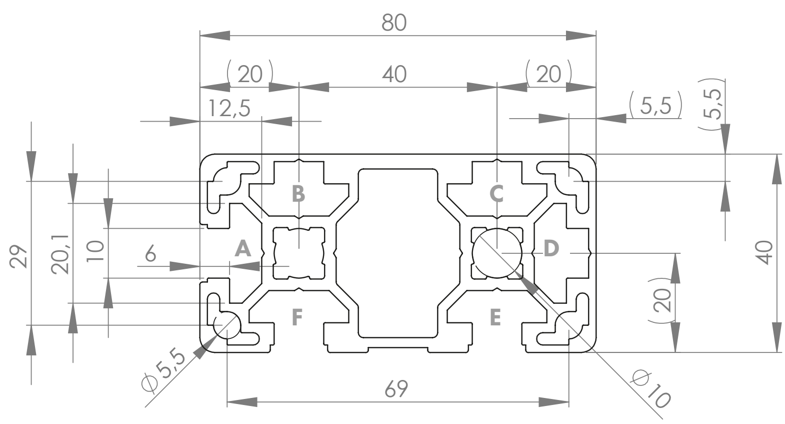
10

PROFILE 40x80L 3N90 SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	10.60
Moment of inertia Ix [cm⁴]	67.80
Moment of inertia Iy [cm⁴]	19.00
Section modulus Wx [cm³]	17.00
Section modulus Wy [cm³]	9.50
Weight m [kg/m]	2.90



Standard processing:	**Art. no.:**
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**

Explanations and further processing options can be found on p. 223-231

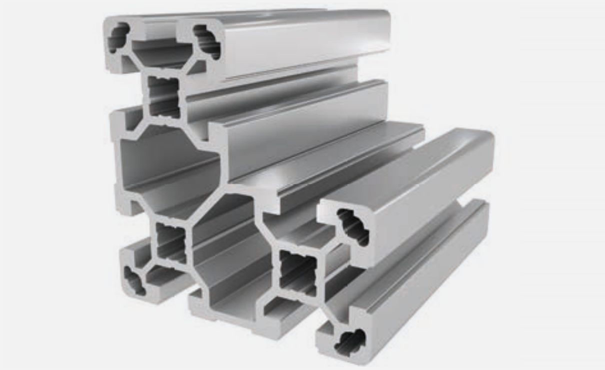
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80L 3N90	Cut to length	10	2.9 kg/m	**20101920**
40x80L 3N90	6060	10	2.9 kg/m	**20101921**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 40x80 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
40x80	10	15	Black	**401055**



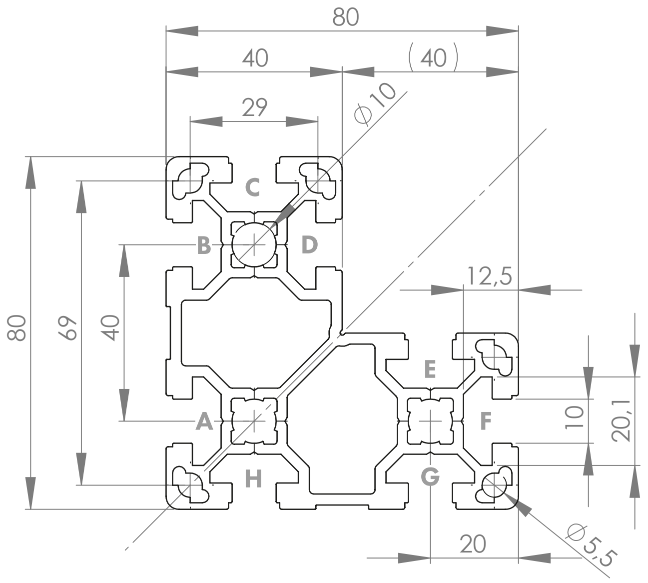
10

PROFILE 40x80x80L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	15.43
Moment of inertia Ix [cm⁴]	91.52
Moment of inertia Iy [cm⁴]	91.52
Section modulus Wx [cm³]	19.89
Section modulus Wy [cm³]	19.89
Weight m [kg/m]	4.17



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17V / -	**102510**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x80x80L	Cut to length	10	4.17 kg/m	**20107300**
40x80x80L	6060	10	4.17 kg/m	**20107301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

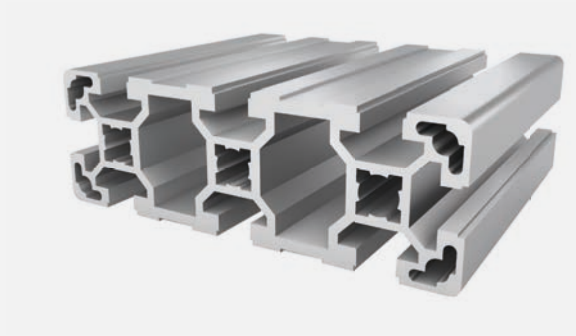
Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

10

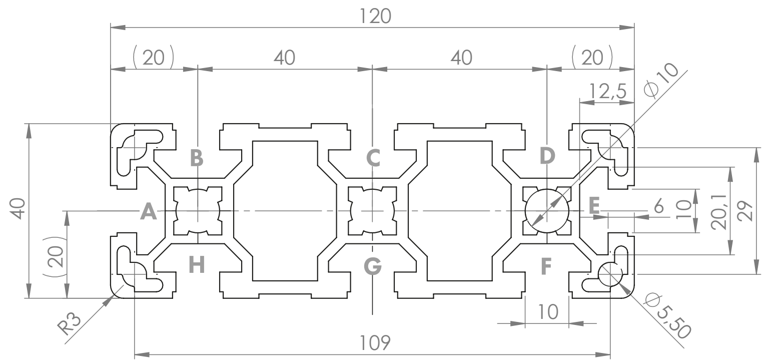
PROFILE 40x120L SLOT 10 (light)

Material: anodised aluminium



Technical data:

Surface A [cm²]	15.50
Moment of inertia Ix [cm⁴]	203.20
Moment of inertia Iy [cm⁴]	27.80
Section modulus Wx [cm³]	33.90
Section modulus Wy [cm³]	13.90
Weight m [kg/m]	4.20



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**
D17=(SSV) / -	**102386**
D17=(SSV) / D17=(SSV)	**102388**

Explanations and further processing options can be found on p. 223-231

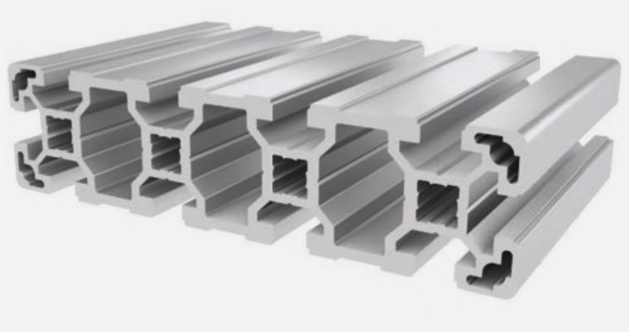
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x120L	Cut to length	10	4.2 kg/m	**20103800**
40x120L	3060	10	4.2 kg/m	**20103803**
40x120L	6060	10	4.2 kg/m	**20103801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



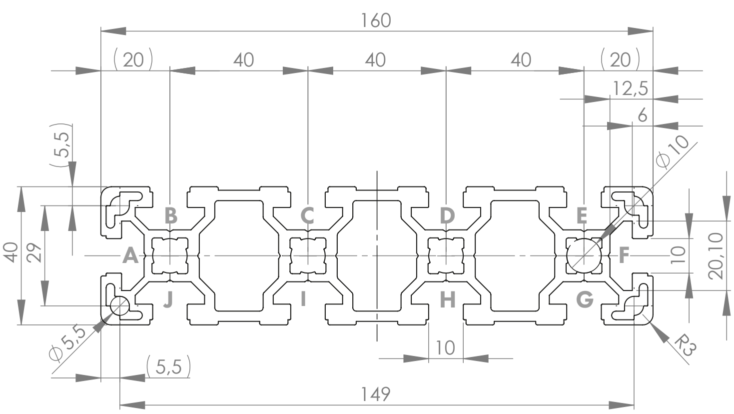
10

PROFILE 40x160L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	15.35
Moment of inertia Ix [cm⁴]	201.95
Moment of inertia Iy [cm⁴]	27.76
Section modulus Wx [cm³]	33.66
Section modulus Wy [cm³]	13.88
Weight m [kg/m]	4.14



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**
D17=(SSV) / -	**102386**
D17=(SSV) / D17=(SSV)	**102388**

Explanations and further processing options can be found on p. 223-231

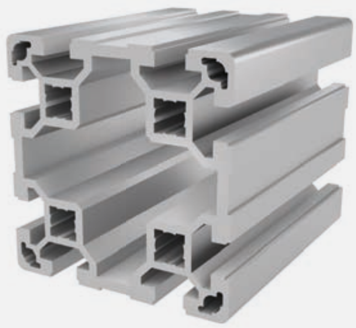
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
40x160L	Cut to length	10	4.14 kg/m	**20104400**
40x160L	6060	10	4.14 kg/m	**20104401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



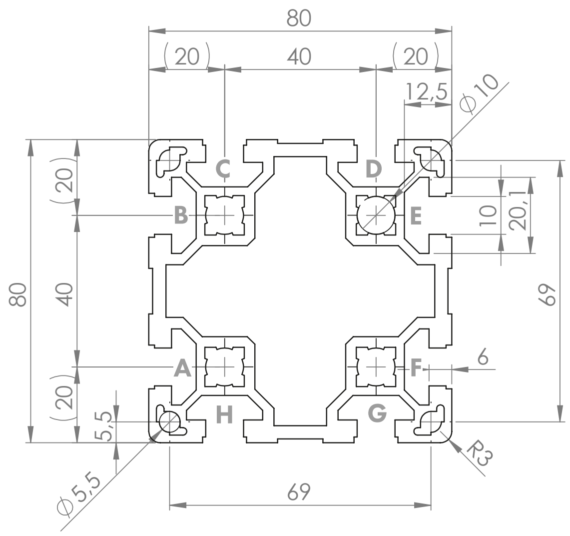
10

PROFILE 80x80L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	18.20
Moment of inertia Ix [cm⁴]	132.10
Moment of inertia Iy [cm⁴]	132.10
Section modulus Wx [cm³]	33.00
Section modulus Wy [cm³]	33.00
Weight m [kg/m]	4.90



Standard processing:	**Art. no.:**
M12= / -	**103315**
M12= / M12=	**103320**
M12# / -	**103315**
M12# / M12#	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**
D17= / D17V=	**102530**

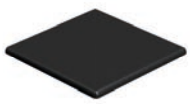
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	**Length (mm)**	**Slot**	**Weight (kg)**	**Art. no.:**
80x80L	Cut to length	10	4.9 kg/m	**20107700**
80x80L	3060	10	4.9 kg/m	**20107703**
80x80L	6060	10	4.9 kg/m	**20107701**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 80x80 SLOT 10

Material: PA plastic



Dimensions (version)	**Slot**	**Weight (g)**	**Version**	**Art. no.:**
80x80	10	25	Black	**401078**

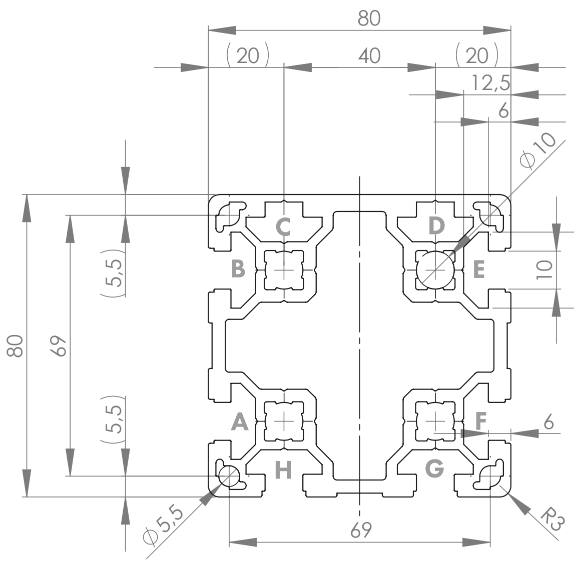
10

PROFILE 80x80L 6N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	18.80
Moment of inertia Ix [cm⁴]	134.10
Moment of inertia Iy [cm⁴]	140.90
Section modulus Wx [cm³]	33.50
Section modulus Wy [cm³]	36.20
Weight m [kg/m]	5.10



Standard processing:	Art. no.:
M12# / -	**103315**
M12# / M12#	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**

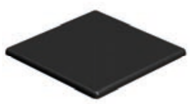
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x80L 6N	Cut to length	10	5.1 kg/m	**20107730**
80x80L 6N	6060	10	5.1 kg/m	**20107731**

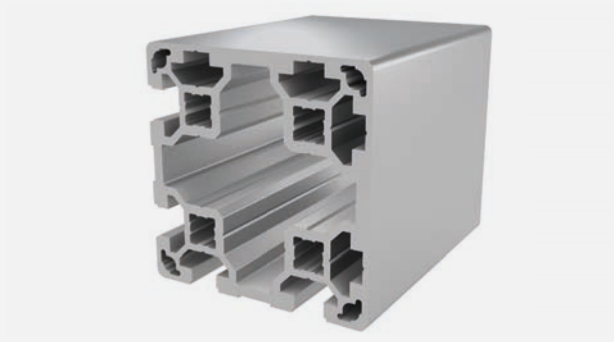
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 80x80 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x80	10	25	Black	**401078**

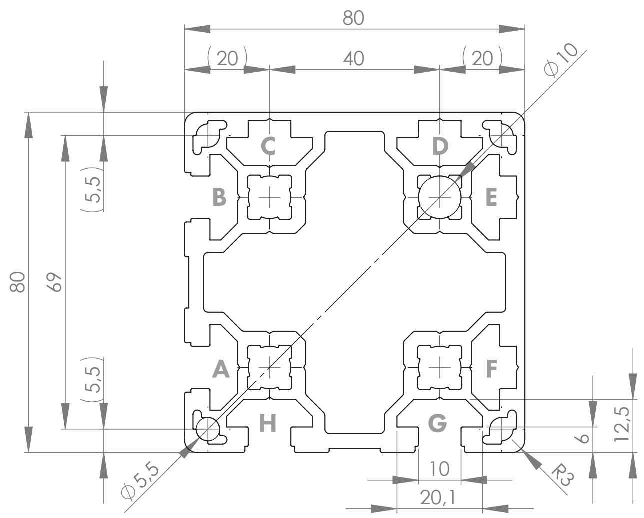


PROFILE 80x80L 4N90 SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	19.30
Moment of inertia Ix [cm⁴]	142.50
Moment of inertia Iy [cm⁴]	142.50
Section modulus Wx [cm³]	35.60
Section modulus Wy [cm³]	35.60
Weight m [kg/m]	5.20



Standard processing:	Art. no.:
M12# / -	**103315**
M12# / M12#	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**

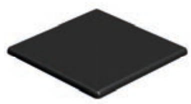
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x80L 4N90	Cut to length	10	5.2 kg/m	**20107760**
80x80L 4N90	6060	10	5.2 kg/m	**20107761**

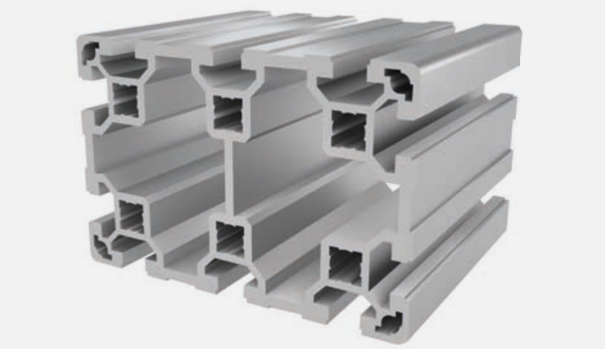
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 80x80 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
80x80	10	25	Black	**401078**



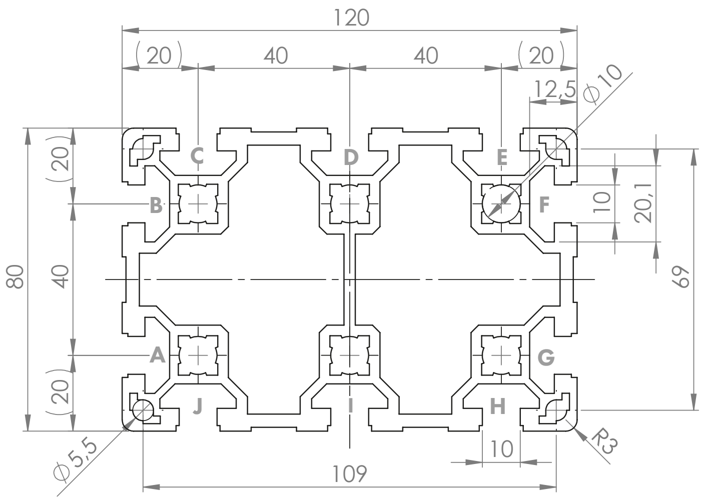
10

PROFILE 80x120L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	25.80
Moment of inertia Ix [cm⁴]	388.70
Moment of inertia Iy [cm⁴]	192.10
Section modulus Wx [cm³]	65.30
Section modulus Wy [cm³]	47.89
Weight m [kg/m]	6.90



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**

Explanations and further processing options can be found on p. 223-231

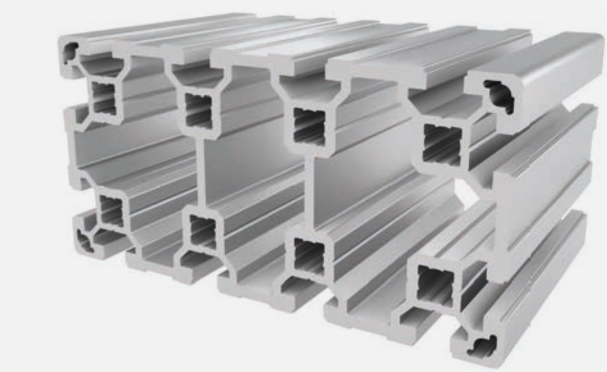
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x120L	Cut to length	10	6.9 kg/m	**20107800**
80x120L	6060	10	6.9 kg/m	**20107801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



10

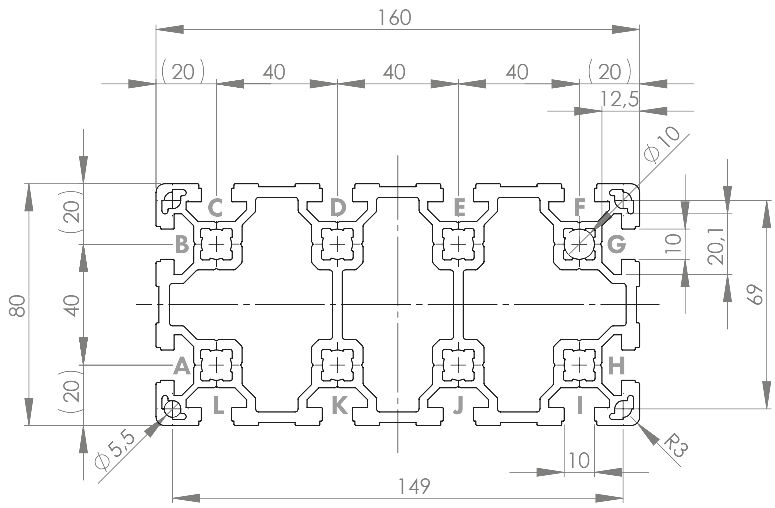
PROFILE 80x160L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	32.90
Moment of inertia Ix [cm⁴]	850.70
Moment of inertia Iy [cm⁴]	253.40
Section modulus Wx [cm³]	106.30
Section modulus Wy [cm³]	63.40
Weight m [kg/m]	8.90

1



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
80x160L	Cut to length	10	8.9 kg/m	**20107900**
80x160L	6060	10	8.9 kg/m	**20107901**

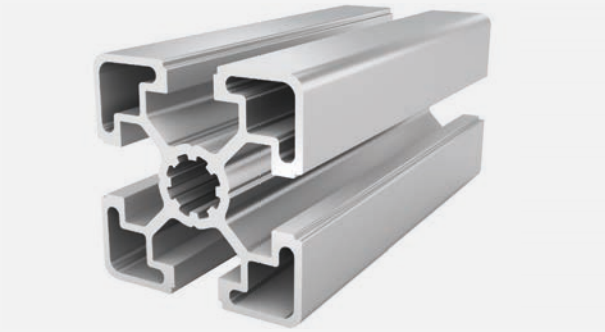
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

1



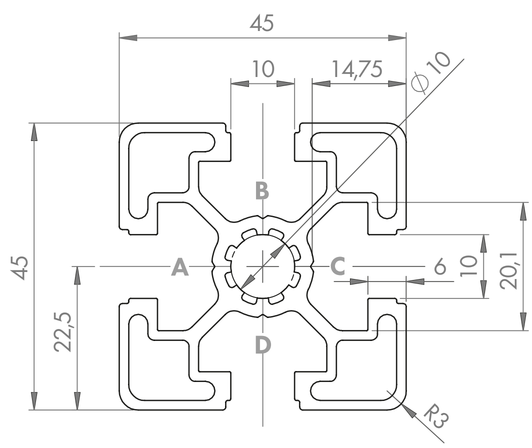
10

PROFILE 45x45L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	5.70
Moment of inertia Ix [cm⁴]	11.00
Moment of inertia Iy [cm⁴]	11.00
Section modulus Wx [cm³]	4.80
Section modulus Wy [cm³]	4.80
Weight m [kg/m]	1.60



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17 / -	**102500**
D17 / D17	**102505**
D17/ D17V	**102515**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**

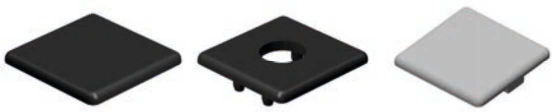
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45L	Cut to length	10	1.6 kg/m	**20102000**
45x45L	3060	10	1.6 kg/m	**20102003**
45x45L	6060	10	1.6 kg/m	**20102001**

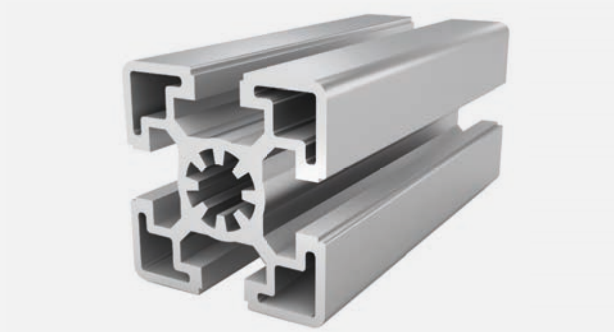
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x45 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x45	10	6	Black	**401020**
45x45	10	9	Black with hole (Ø17.5)	**401030**
45x45	10	6	Signal grey	**401120**

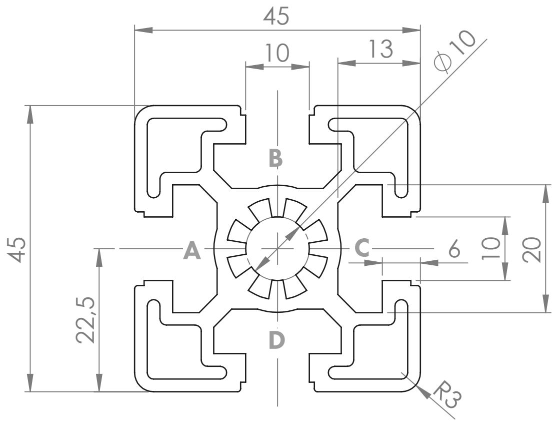


PROFILE 45x45 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	7.50
Moment of inertia Ix [cm⁴]	14.00
Moment of inertia Iy [cm⁴]	14.00
Section modulus Wx [cm³]	6.10
Section modulus Wy [cm³]	6.10
Weight m [kg/m]	2.00



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17 / -	**102500**
D17 / D17	**102505**
D17/ D17V	**102515**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**

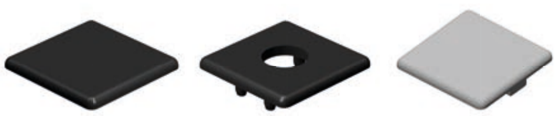
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45	Cut to length	10	2.0 kg/m	**20103000**
45x45	3060	10	2.0 kg/m	**20103003**
45x45	6060	10	2.0 kg/m	**20103001**

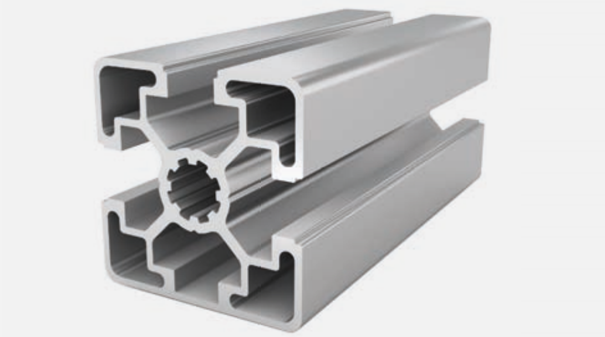
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x45 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x45	10	6	Black	**401020**
45x45	10	9	Black with hole (Ø17.5)	**401030**
45x45	10	6	Signal grey	**401120**



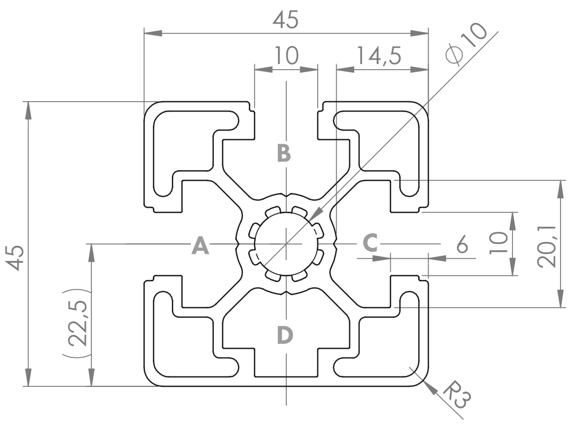
10

PROFILE 45x45L 3N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.20
Moment of inertia Ix [cm⁴]	12.60
Moment of inertia Iy [cm⁴]	11.70
Section modulus Wx [cm³]	5.40
Section modulus Wy [cm³]	5.20
Weight m [kg/m]	1.70



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17 / -	**102500**
D17 / D17	**102505**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**

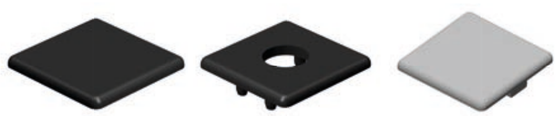
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45L 3N	Cut to length	10	1.7 kg/m	**20102030**
45x45L 3N	6060	10	1.7 kg/m	**20102031**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x45 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x45	10	6	Black	**401020**
45x45	10	9	Black with hole (Ø17.5)	**401030**
45x45	10	6	Signal grey	**401120**

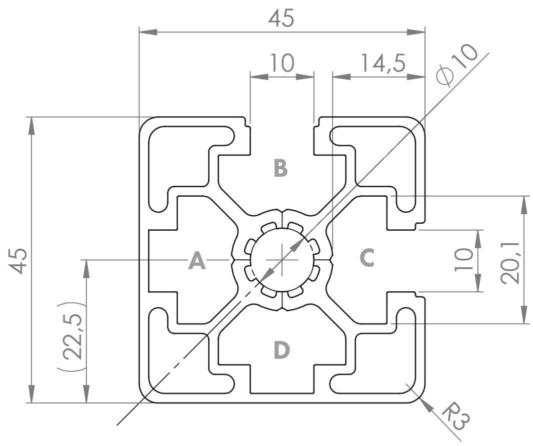
10

PROFILE 45x45L 2N90 SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.40
Moment of inertia Ix [cm^4]	12.60
Moment of inertia Iy [cm^4]	12.60
Section modulus Wx [cm^3]	5.60
Section modulus Wy [cm^3]	5.60
Weight m [kg/m]	1.70



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**

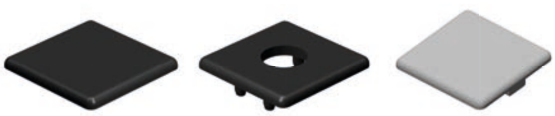
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45L 2N90	Cut to length	10	1.7 kg/m	**20102020**
45x45L 2N90	6060	10	1.7 kg/m	**20102021**

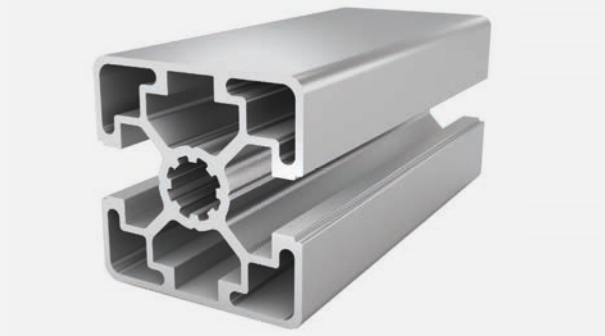
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x45 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x45	10	6	Black	**401020**
45x45	10	9	Black with hole (Ø17.5)	**401030**
45x45	10	6	Signal grey	**401120**



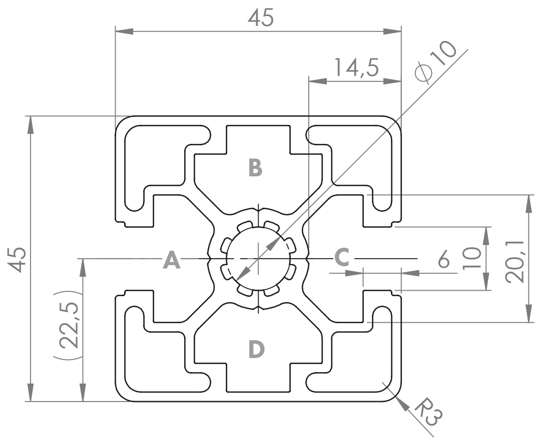
10

PROFILE 45x45L 2N180 SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.40
Moment of inertia Ix [cm⁴]	11.60
Moment of inertia Iy [cm⁴]	13.50
Section modulus Wx [cm³]	5.20
Section modulus Wy [cm³]	6.00
Weight m [kg/m]	1.70



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17 / -	**102500**
D17 / D17	**102505**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ / -	**102315**
D9.8+ / D9.8+	**102325**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**

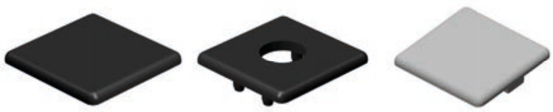
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45L 2N180	Cut to length	10	1.7 kg/m	**20102040**
45x45L 2N180	6060	10	1.7 kg/m	**20102041**

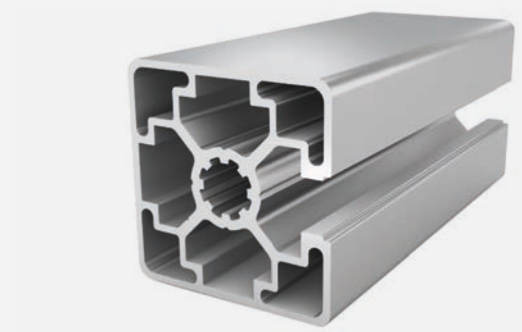
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x45 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x45	10	6	Black	**401020**
45x45	10	9	Black with hole (Ø17.5)	**401030**
45x45	10	6	Signal grey	**401120**



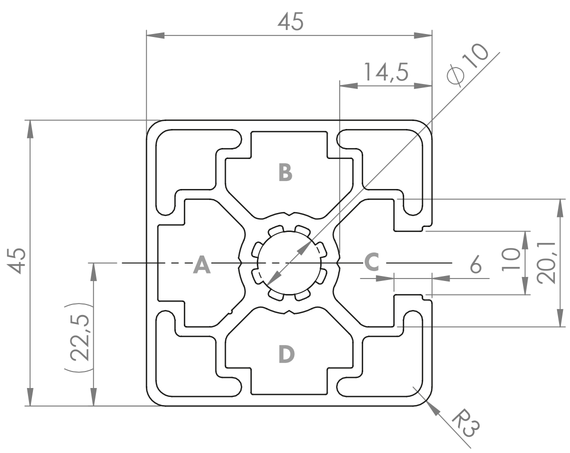
10

PROFILE 45x45L 1N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.50
Moment of inertia Ix [cm⁴]	12.60
Moment of inertia Iy [cm⁴]	13.50
Section modulus Wx [cm³]	5.50
Section modulus Wy [cm³]	6.00
Weight m [kg/m]	1.80



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ /-	**102315**
D9.8+ / D9.8+	**102325**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D17(SSV) / D17V(SSV)	**102384**

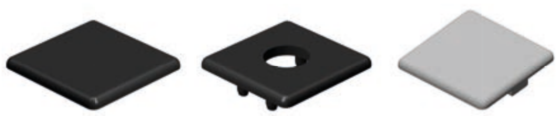
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45L 1N	Cut to length	10	1.8 kg/m	**20102010**
45x45L 1N	6060	10	1.8 kg/m	**20102011**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

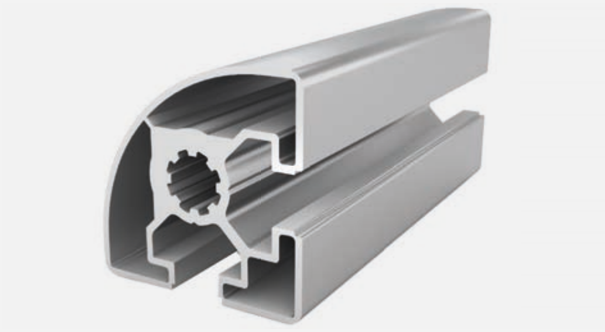
COVER CAP 45x45 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x45	10	6	Black	**401020**
45x45	10	9	Black with hole (Ø17.5)	**401030**
45x45	10	6	Signal grey	**401120**

1



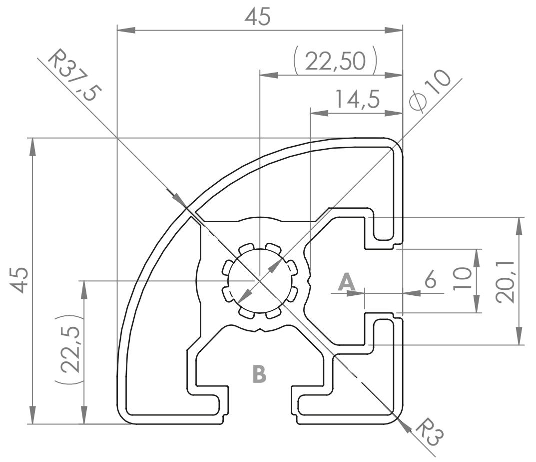
10

PROFILE 45x45L R90° SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.89
Moment of inertia Ix [cm⁴]	15.18
Moment of inertia Iy [cm⁴]	12.72
Section modulus Wx [cm³]	5.34
Section modulus Wy [cm³]	5.04
Weight m [kg/m]	1.86



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**

Explanations and further processing options can be found on p. 223-231

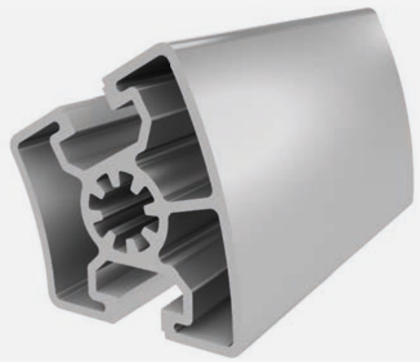
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45L R90°	Cut to length	10	1.27 kg/m	**20102500**
45x45L R90°	6060	10	1.27 kg/m	**20102501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x45 R SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x45 R	10	8	Black	**401025**



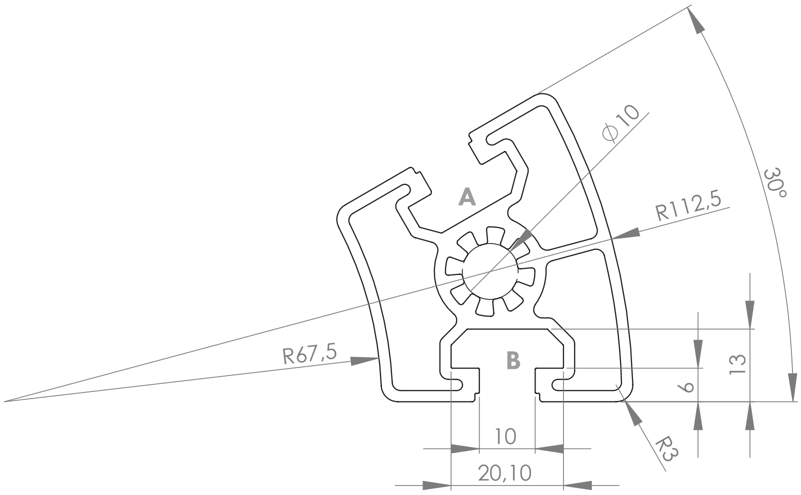
10

PROFILE 45 R67.5/R112.5 - 30° SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm^2]	6.89
Moment of inertia Ix [cm^4]	15.18
Moment of inertia Iy [cm^4]	12.72
Section modulus Wx [cm^3]	5.34
Section modulus Wy [cm^3]	5.04
Weight m [kg/m]	1.86



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45 R67.5/R112.5 - 30°	Cut to length	10	1.86 kg/m	**20102570**
45x45 R67.5/R112.5 - 30°	6060	10	1.86 kg/m	**20102571**

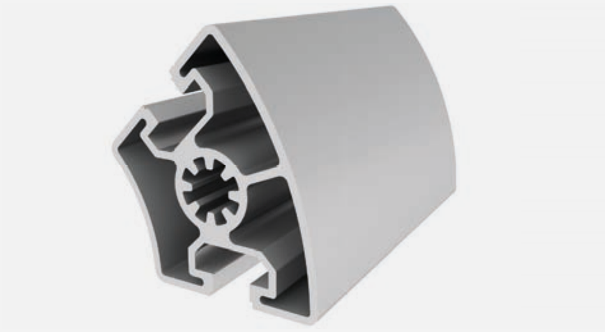
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

1



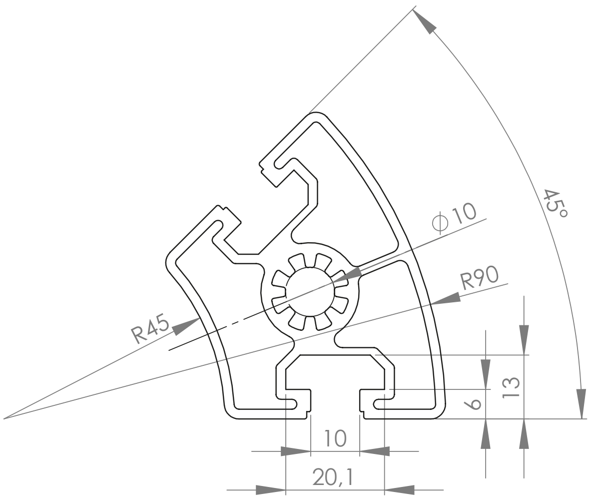
10

PROFILE 45 R45/R90 - 45° SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	7.41
Moment of inertia Ix [cm⁴]	21.09
Moment of inertia Iy [cm⁴]	13.32
Section modulus Wx [cm³]	6.30
Section modulus Wy [cm³]	5.19
Weight m [kg/m]	2.00



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**

Explanations and further processing options can be found on p. 223-231

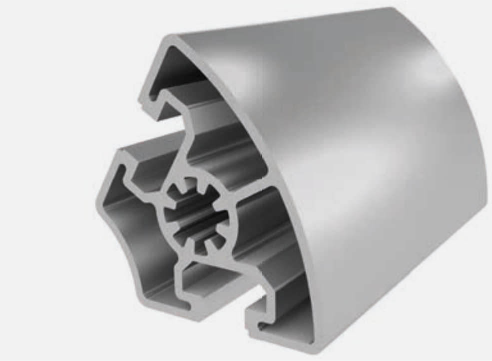
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45 R45/R90 - 45°	Cut to length	10	2.0 kg/m	**20102580**
45x45 R45/R90 - 45°	6060	10	2.0 kg/m	**20102581**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



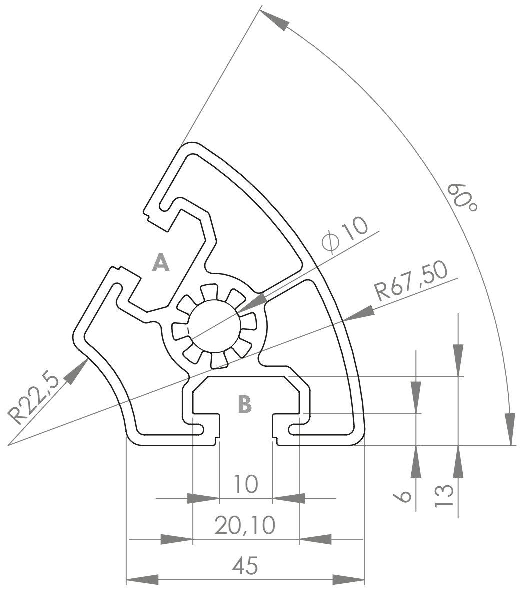
10

PROFILE 45 R22.5/R67.5 - 60° SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	6.80
Moment of inertia Ix [cm⁴]	11.40
Moment of inertia Iy [cm⁴]	16.90
Section modulus Wx [cm³]	4.40
Section modulus Wy [cm³]	5.20
Weight m [kg/m]	1.80



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**

Explanations and further processing options can be found on p. 223-231

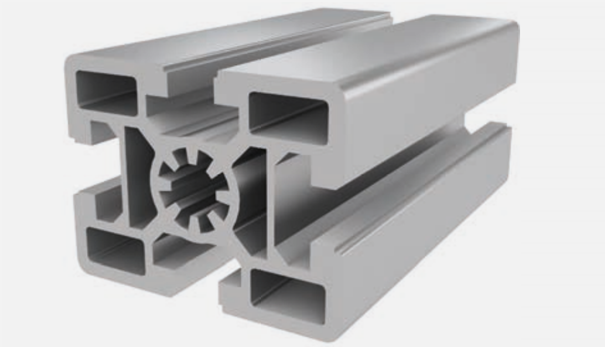
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x45 R22.5/R67.5 - 45°	Cut to length	10	1.8 kg/m	**20102590**
45x45 R22.5/R67.5 - 45°	6060	10	1.8 kg/m	**20102591**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



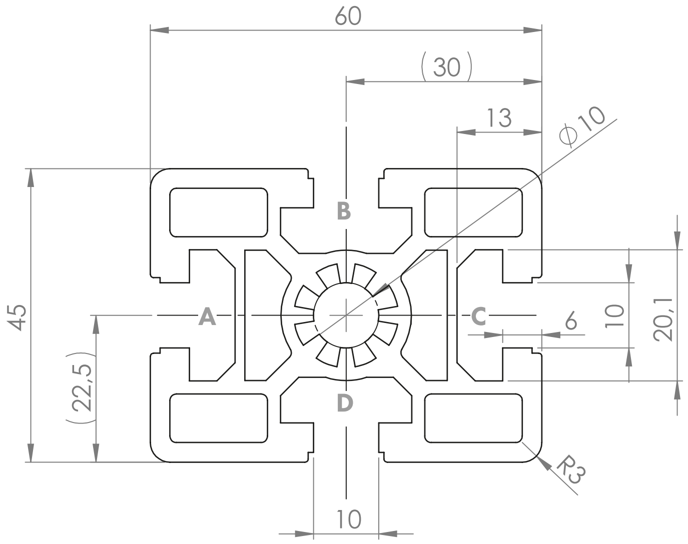
10

PROFILE 45x60 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.00
Moment of inertia Ix [cm⁴]	37.20
Moment of inertia Iy [cm⁴]	22.70
Section modulus Wx [cm³]	12.40
Section modulus Wy [cm³]	10.10
Weight m [kg/m]	3.00



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
D17 / -	**102500**
D17 / D17	**102505**
D17 / D17V	**102515**
D17V / D17V	**102540**
D17(SSV) / -	**102380**
D17(SSV) / D17(SSV)	**102382**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8+ / -	**102315**
D9.8+ / D9.8+	**102325**

Explanations and further processing options can be found on p. 223-231

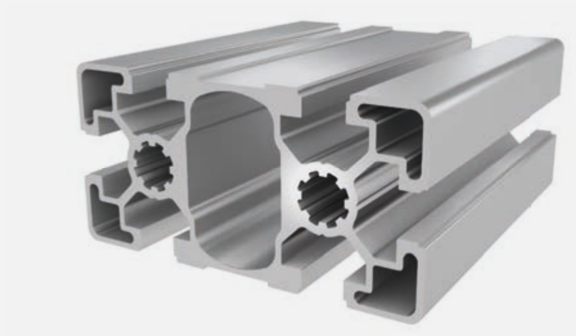
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x60	Cut to length	10	3.0 kg/m	**20104000**
45x60	6060	10	3.0 kg/m	**20104001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x60 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x60	10	11	Black	**401040**
45x60	10	10	Black with hole (Ø18.5)	**401050**



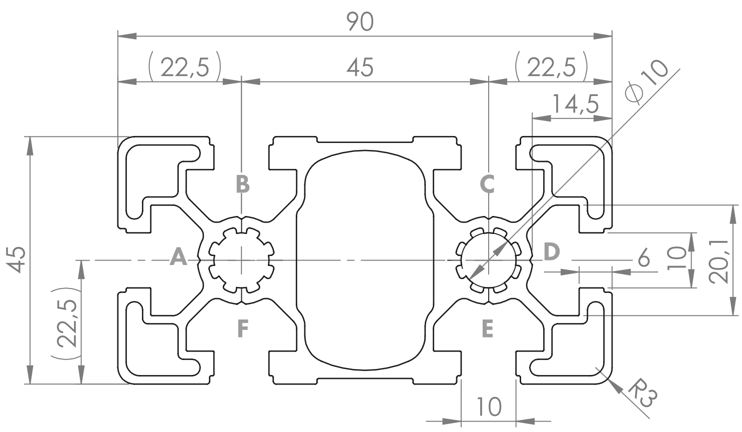
10

PROFILE 45x90L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.20
Moment of inertia Ix [cm⁴]	81.90
Moment of inertia Iy [cm⁴]	23.60
Section modulus Wx [cm³]	18.20
Section modulus Wy [cm³]	10.50
Weight m [kg/m]	3.10



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**
D17= / -	**102520**
D17= / D17=	**102525**
D17= / D17V	**102535**
D17V / -	**102510**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

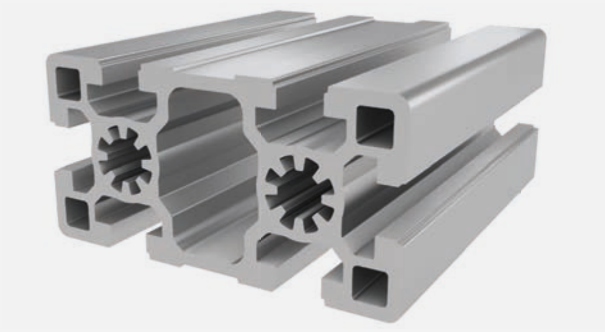
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x90L	Cut to length	10	3.1 kg/m	**20106000**
45x90L	3060	10	3.1 kg/m	**20106003**
45x90L	6060	10	3.1 kg/m	**20106001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x90 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x90	10	16	Black	**401060**
45x90	10	16	Signal grey	**401160**



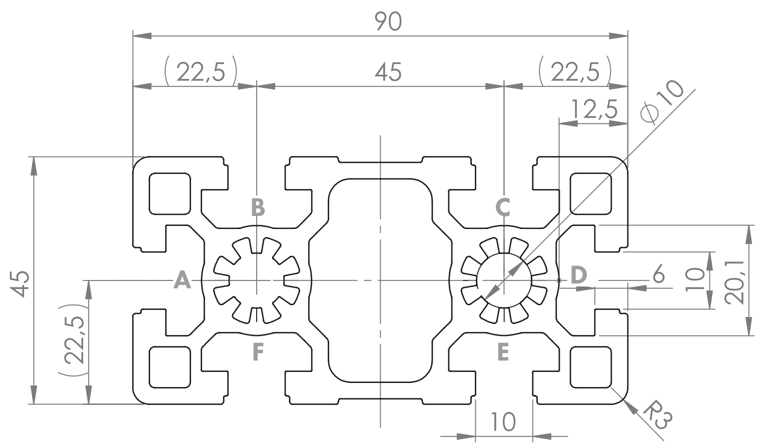
10

PROFILE 45x90 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	15.60
Moment of inertia Ix [cm⁴]	125.00
Moment of inertia Iy [cm⁴]	32.80
Section modulus Wx [cm³]	27.70
Section modulus Wy [cm³]	14.60
Weight m [kg/m]	4.20



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**
D17= / -	**102520**
D17= / D17=	**102525**
D17= / D17V	**102535**
D17V / -	**102510**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

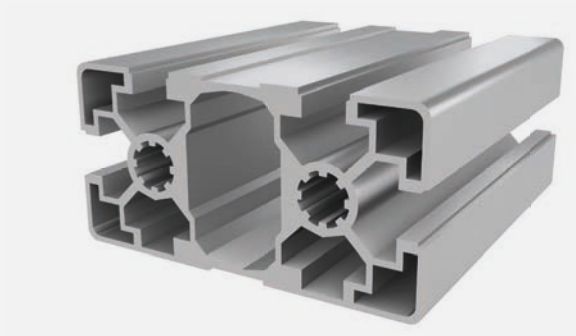
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x90	Cut to length	10	4.2 kg/m	**20107000**
45x90	3060	10	4.2 kg/m	**20107003**
45x90	6060	10	4.2 kg/m	**20107001**

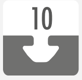
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x90 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x90	10	16	Black	**401060**
45x90	10	16	Signal grey	**401160**



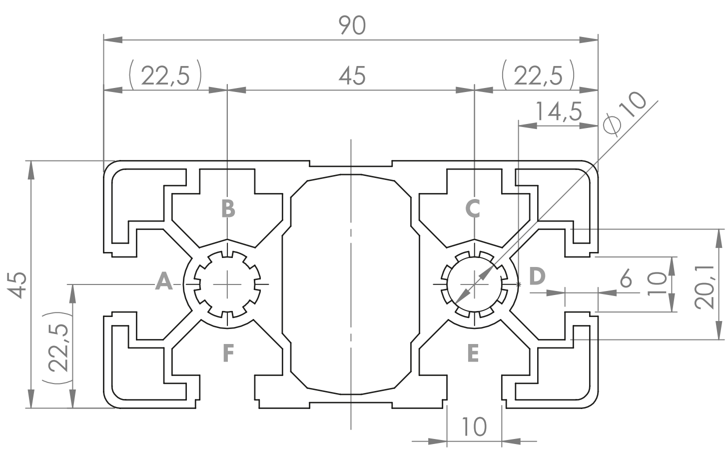


PROFILE 45x90L 4N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.90
Moment of inertia Ix [cm⁴]	86.80
Moment of inertia Iy [cm⁴]	25.80
Section modulus Wx [cm³]	19.30
Section modulus Wy [cm³]	11.10
Weight m [kg/m]	3.20



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**
D17V / -	**102510**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

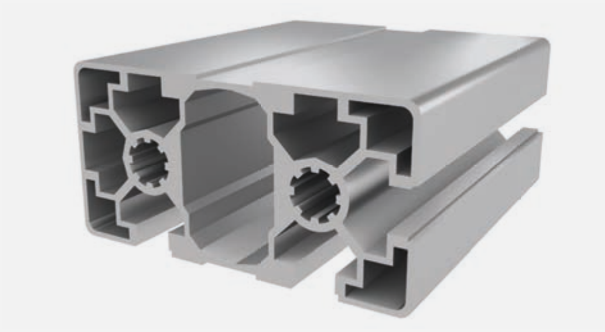
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x90L 4N	Cut to length	10	3.1 kg/m	**20106060**
45x90L 4N	6060	10	3.1 kg/m	**20106061**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x90 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x90	10	16	Black	**401060**
45x90	10	16	Signal grey	**401160**



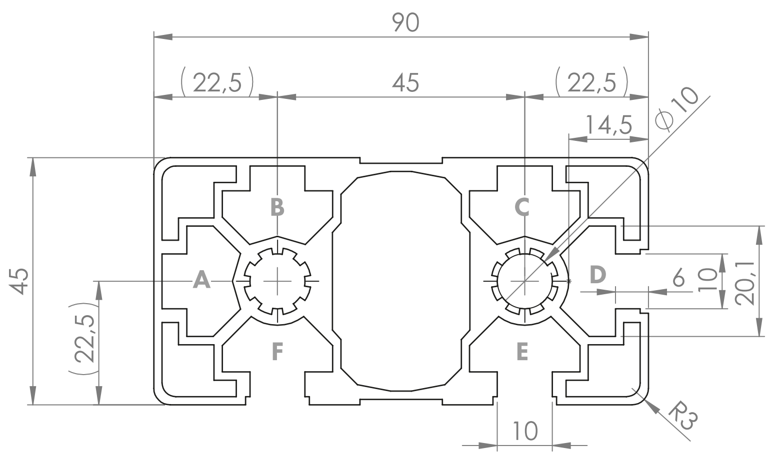
10

PROFILE 45x90L 3N90 SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	11.80
Moment of inertia Ix [cm⁴]	90.40
Moment of inertia Iy [cm⁴]	25.80
Section modulus Wx [cm³]	19.80
Section modulus Wy [cm³]	11.10
Weight m [kg/m]	3.20



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**

Explanations and further processing options can be found on p. 223-231

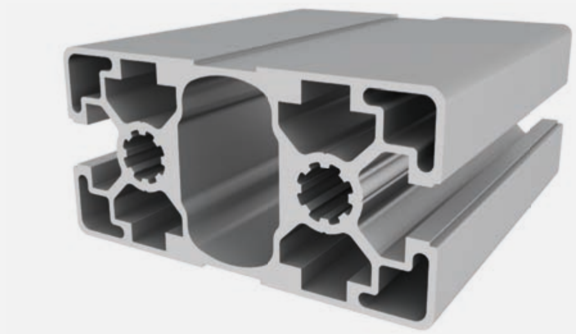
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x90L 3N90	Cut to length	10	3.2 kg/m	**20106020**
45x90L 3N90	6060	10	3.2 kg/m	**20106021**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x90 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x90	10	16	Black	**401060**
45x90	10	16	Signal grey	**401160**



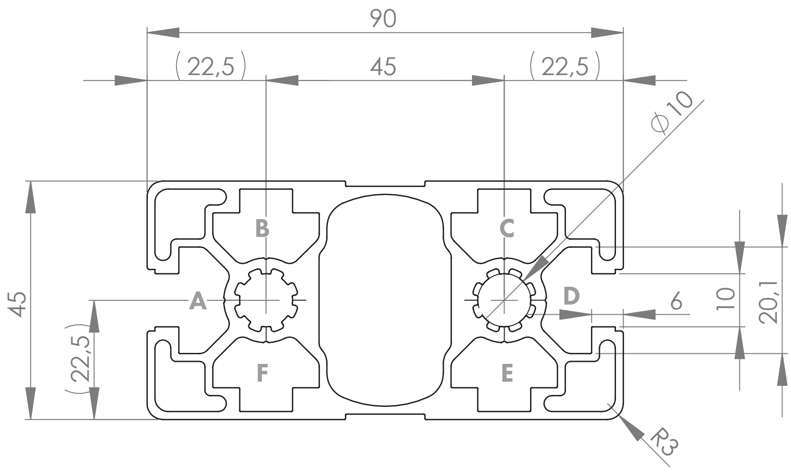
10

PROFILE 45x90L 2N180 SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	12.03
Moment of inertia Ix [cm⁴]	85.89
Moment of inertia Iy [cm⁴]	26.90
Section modulus Wx [cm³]	19.09
Section modulus Wy [cm³]	11.96
Weight m [kg/m]	3.25



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8V / D9.8V	**102302**
D17V / -	**102510**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x90L 2N180	Cut to length	10	3.25 kg/m	**20106040**
45x90L 2N180	6060	10	3.25 kg/m	**20106041**

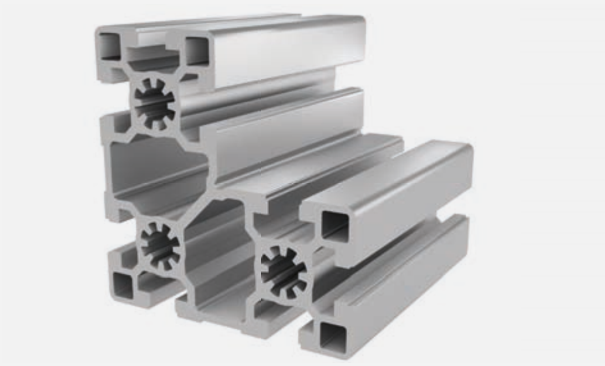
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 45x90 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
45x90	10	16	Black	**401060**
45x90	10	16	Signal grey	**401160**

1



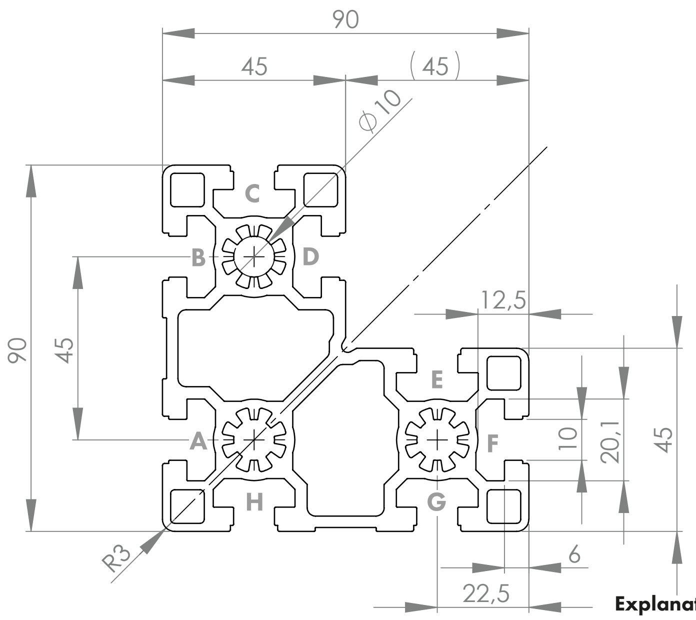
10

PROFILE 45x90x90L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	21.01
Moment of inertia Ix [cm⁴]	151.95
Moment of inertia Iy [cm⁴]	151.95
Section modulus Wx [cm³]	29.34
Section modulus Wy [cm³]	29.34
Weight m [kg/m]	5.67



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17V / -	**102510**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

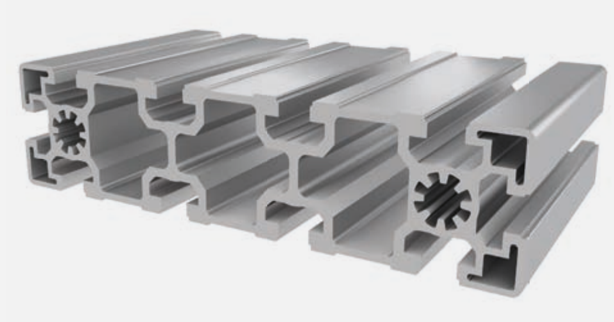
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x90x90L	Cut to length	10	5.67 kg/m	**20107400**
45x90x90L	6060	10	5.67 kg/m	**20107401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



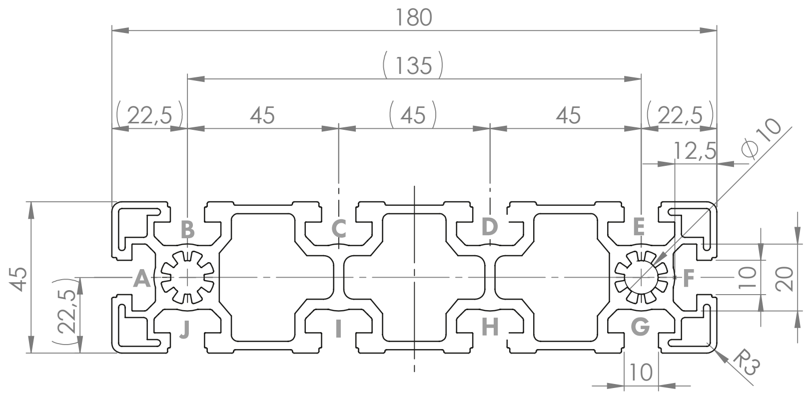
10

PROFILE 45x180 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm^2]	25.60
Moment of inertia Ix [cm^4]	766.30
Moment of inertia Iy [cm^4]	57.30
Section modulus Wx [cm^3]	85.20
Section modulus Wy [cm^3]	25.50
Weight m [kg/m]	7.00



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**

Explanations and further processing options can be found on p. 223-231

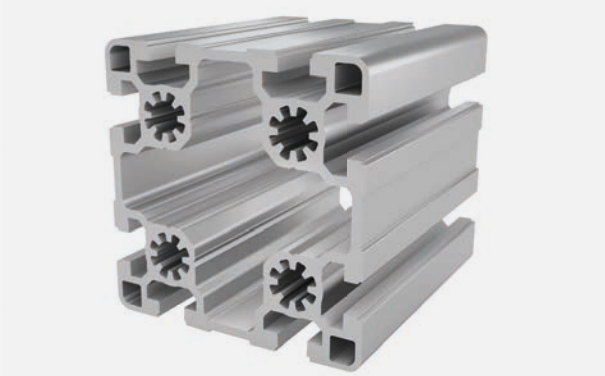
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
45x180	Cut to length	10	7.0 kg/m	**20107200**
45x180	6060	10	7.0 kg/m	**20107201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



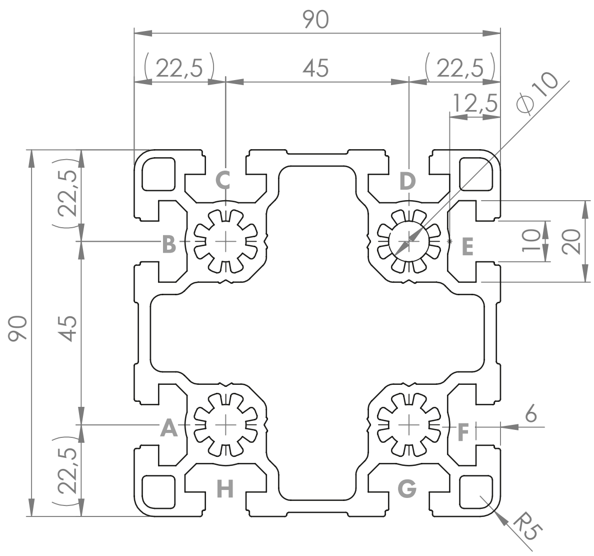
10

PROFILE 90x90L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	23.60
Moment of inertia Ix [cm⁴]	210.00
Moment of inertia Iy [cm⁴]	210.00
Section modulus Wx [cm³]	46.40
Section modulus Wy [cm³]	46.40
Weight m [kg/m]	6.30



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
M12# / -	**103325**
M12# / M12#	**103330**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**
D17= / D17V=	**102530**

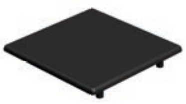
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
90x90L	Cut to length	10	6.3 kg/m	**20108000**
90x90L	6060	10	6.3 kg/m	**20108001**

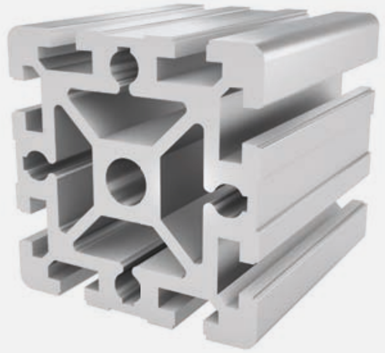
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 90x90L SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
90x90L	10	42	Black	**401080**



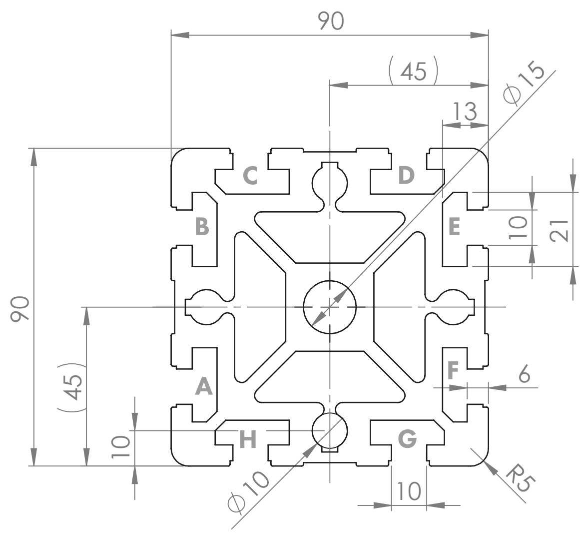
10

PROFILE 90x90 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	39.50
Moment of inertia Ix [cm⁴]	299.80
Moment of inertia Iy [cm⁴]	299.80
Section modulus Wx [cm³]	67.00
Section modulus Wy [cm³]	67.00
Weight m [kg/m]	10.50



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
M12# / -	**103325**
M12# / M12#	**103330**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**
D17= / D17V=	**102530**

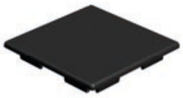
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
90x90	Cut to length	10	10.5 kg/m	**20109000**
90x90	6060	10	10.5 kg/m	**20109001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 90x90 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
90x90	10	42	Black	**401090**

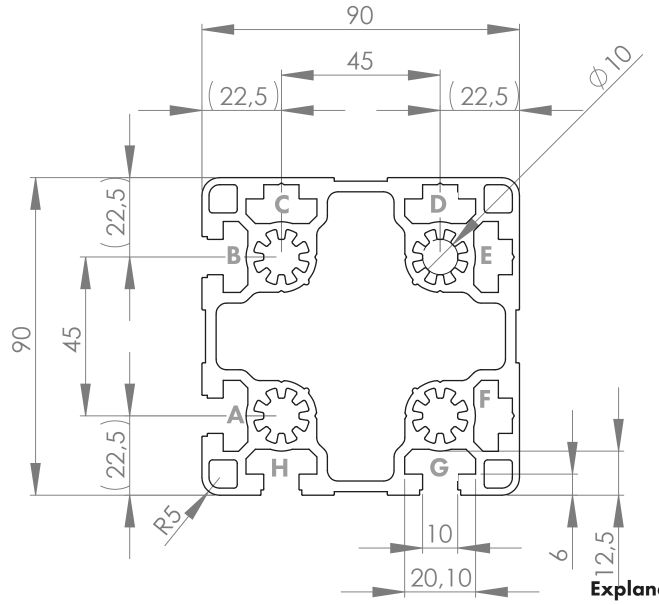
1

10

PROFILE 90x90L 4N90 SLOT 10 (light)
Material: anodised aluminium

Technical data:

Surface A [cm^2]	24.20
Moment of inertia Ix [cm^4]	220.90
Moment of inertia Iy [cm^4]	220.90
Section modulus Wx [cm^3]	49.20
Section modulus Wy [cm^3]	49.20
Weight m [kg/m]	6.50



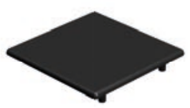
Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
M12# / -	**103325**
M12# / M12#	**103330**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**

Explanations and further processing options can be found on p. 223-231

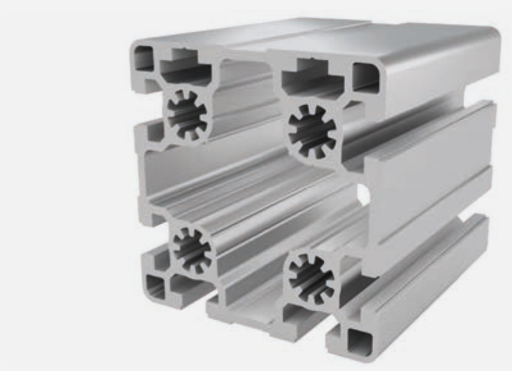
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
90x90L 4N90	Cut to length	10	6.5 kg/m	**20108050**
90x90L 4N90	6060	10	6.5 kg/m	**20108051**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 90x90L SLOT 10
Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
90x90L	10	42	Black	**401080**

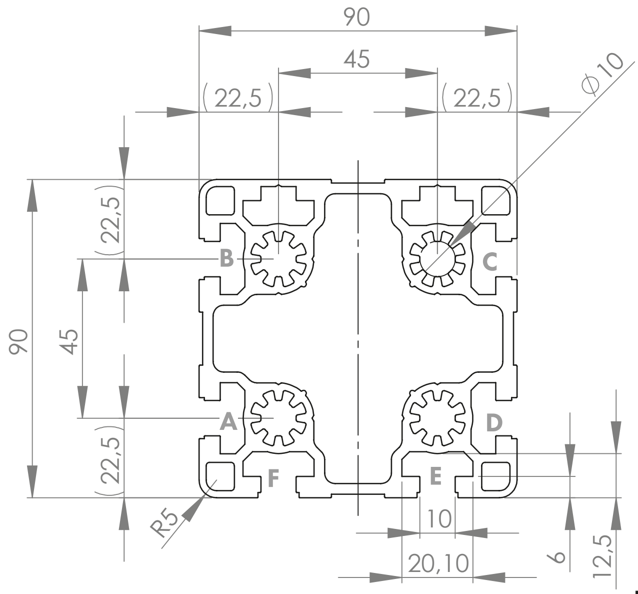


PROFILE 90x90L 6N SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	23.60
Moment of inertia Ix [cm⁴]	217.87
Moment of inertia Iy [cm⁴]	211.76
Section modulus Wx [cm³]	47.55
Section modulus Wy [cm³]	47.06
Weight m [kg/m]	6.50



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
M12# / -	**103325**
M12# / M12#	**103330**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**
D17= / D17V=	

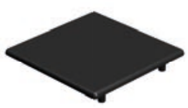
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
90x90L 6N	Cut to length	10	6.5 kg/m	**20108060**
90x90L 6N	6060	10	6.5 kg/m	**20108061**

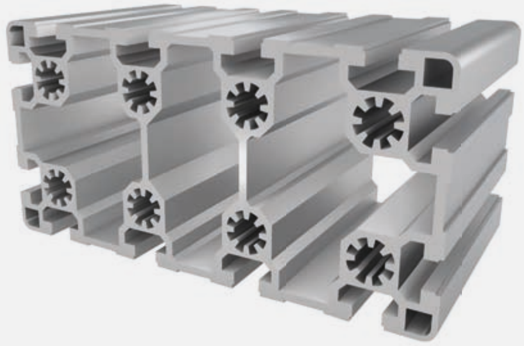
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 90x90L SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
90x90L	10	42	Black	**401080**



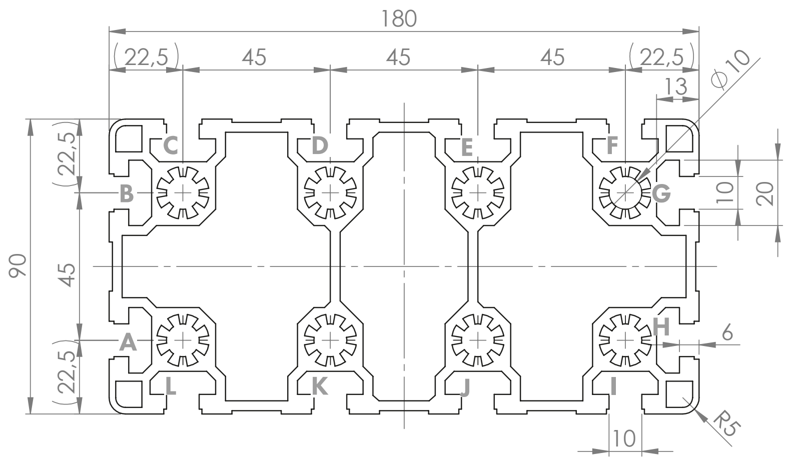
10

PROFILE 90x180 SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm^2]	42.29
Moment of inertia Ix [cm^4]	1375.79
Moment of inertia Iy [cm^4]	398.30
Section modulus Wx [cm^3]	152.86
Section modulus Wy [cm^3]	88.51
Weight m [kg/m]	11.42



Standard processing:	Art. no.:
M12# / -	**103325**
M12# / M12#	**103330**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**

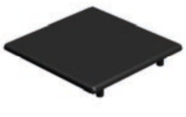
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
90x180L	Cut to length	10	11.42 kg/m	**20109400**
90x180L	6060	10	11.42 kg/m	**20109401**

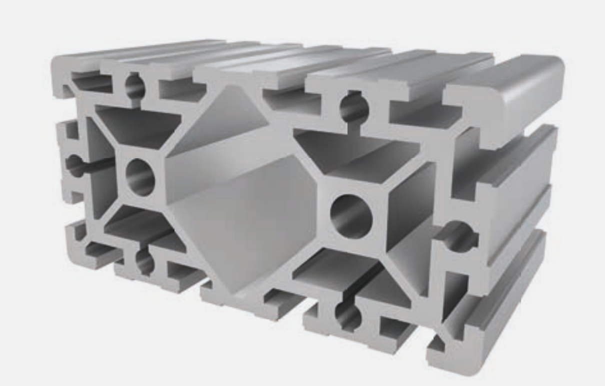
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

COVER CAP 90x90L SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
90x90L (2x)	10	42	Black	**401080**



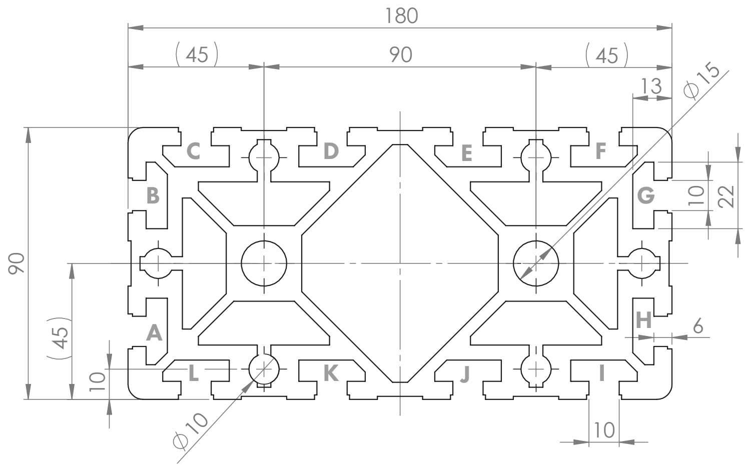
10

PROFILE 90x180 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	63.57
Moment of inertia Ix [cm⁴]	2142.81
Moment of inertia Iy [cm⁴]	547.41
Section modulus Wx [cm³]	238.10
Section modulus Wy [cm³]	121.64
Weight m [kg/m]	17.17



Standard processing:	Art. no.:
M16 / -	**103400**
M16 / M16	**103405**
M16= / M16=	**103410**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D17= / -	**102520**
D17= / D17=	**102525**

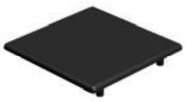
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
90x180	Cut to length	10	17.17 kg/m	**20109500**
90x180	6060	10	17.17 kg/m	**20109501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101040)**

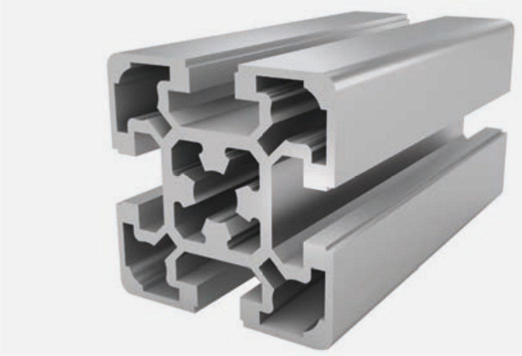
COVER CAP 90x90L SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
90x90 (2x)	10	45	Black	**401090**

1



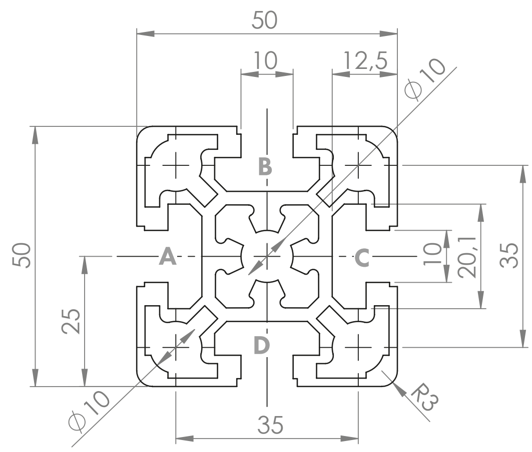
10

PROFILE 50x50L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	9.30
Moment of inertia Ix [cm⁴]	21.20
Moment of inertia Iy [cm⁴]	21.20
Section modulus Wx [cm³]	8.50
Section modulus Wy [cm³]	8.50
Weight m [kg/m]	2.50



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
M12 / M16	**103310**
M16 / M16	**103405**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8 / D9.8V	**102310**
D9.8+ / D9.8+	**102325**

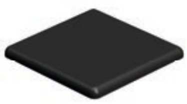
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
50x50L	Cut to length	10	2.5 kg/m	**20104500**
50x50L	6060	10	2.5 kg/m	**20104501**

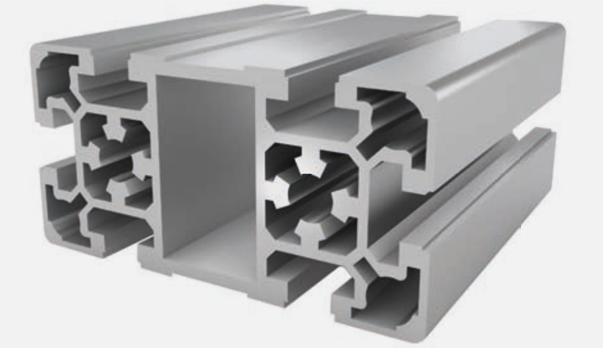
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 50x50 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
50x50	10	6	Black	**401065**



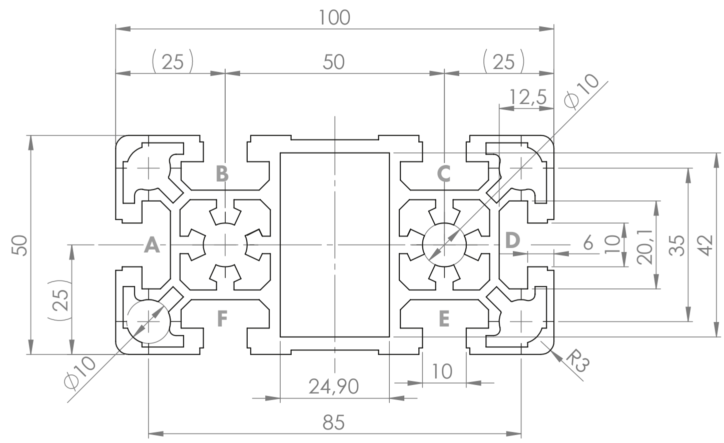
10

PROFILE 50x100L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	17.20
Moment of inertia Ix [cm⁴]	162.80
Moment of inertia Iy [cm⁴]	42.60
Section modulus Wx [cm³]	32.60
Section modulus Wy [cm³]	17.00
Weight m [kg/m]	4.50



Standard processing:	Art. no.:
M12= / -	**103315**
M12= / M12=	**103320**
M12= / M16=	**103355**
M16= / M16=	**103410**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V	**102330**
D9.8=+ / D9.8=+	**102323**

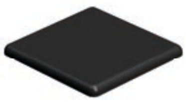
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
50x100L	Cut to length	10	4.5 kg/m	**20104800**
50x100L	6060	10	4.5 kg/m	**20104801**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

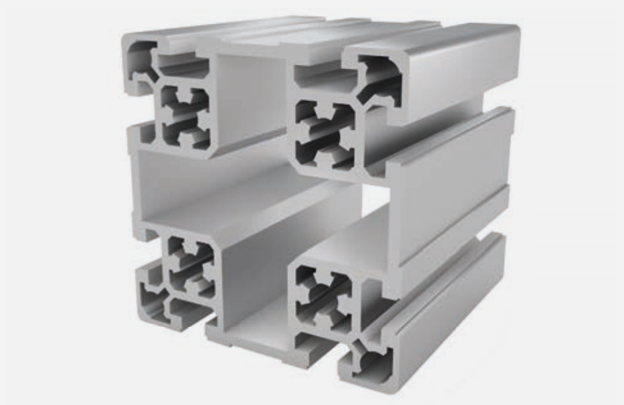
COVER CAP 50x50 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
50x50 (2x)	10	6	Black	**401065**

1



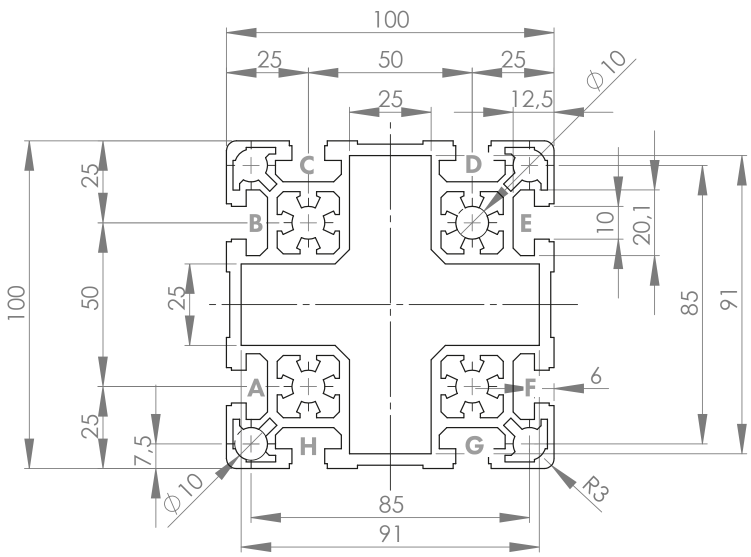
10

PROFILE 100x100L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	29.90
Moment of inertia Ix [cm⁴]	318.40
Moment of inertia Iy [cm⁴]	318.40
Section modulus Wx [cm³]	63.80
Section modulus Wy [cm³]	63.80
Weight m [kg/m]	8.10



Standard processing:	Art. no.:
M12# / -	**103325**
M12# / M12#	**103330**
M12= / M16=	**103355**
M16= / M16=	**103410**
D9.8= / -	**102340**
D9.8= / D9.8=	**102320**
D9.8= / D9.8V=	**102321**
D9.8=+ / D9.8=+	**102323**

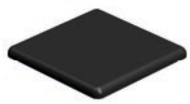
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
100x100L	Cut to length	10	8.1 kg/m	**20104900**
100x100L	6060	10	8.1 kg/m	**20104901**

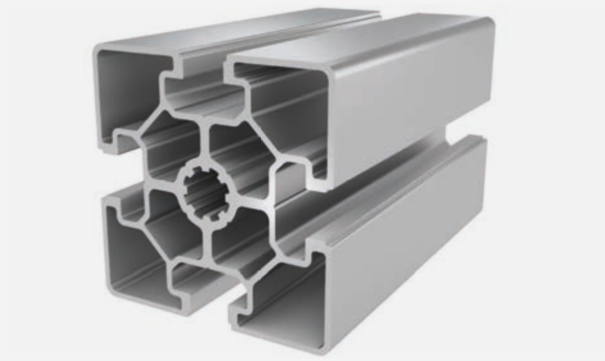
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101030)**

COVER CAP 50x50 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
50x50 (4x)	10	6	Black	**401065**
100x100	10	-	Black	On request



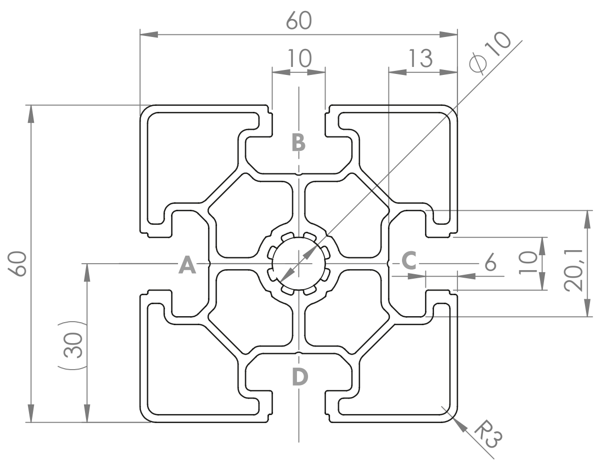
10

PROFILE 60x60L SLOT 10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	9.60
Moment of inertia Ix [cm⁴]	32.40
Moment of inertia Iy [cm⁴]	32.40
Section modulus Wx [cm³]	10.80
Section modulus Wy [cm³]	10.80
Weight m [kg/m]	2.60



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
M12 / D17	**103335**
D17 / -	**102500**
D17 / D17	**102505**
D17 / D17V	**102515**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8 / D9.8V	**102310**
D9.8+ / D9.8+	**102325**

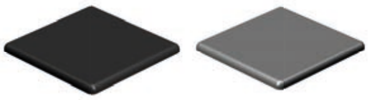
Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x60L	Cut to length	10	2.6 kg/m	**20105000**
60x60L	3060	10	2.6 kg/m	**20105003**
60x60L	6060	10	2.6 kg/m	**20105001**

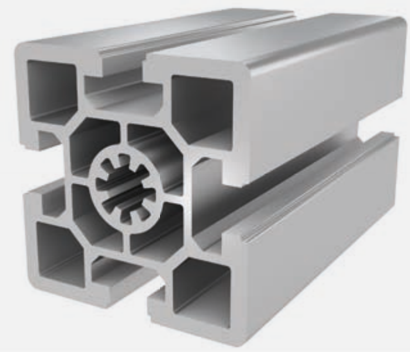
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 60x60 SLOT 10

Material: PA plastic



Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x60	10	14	Black	**401070**
60x60	10	14	Grey	**401170**

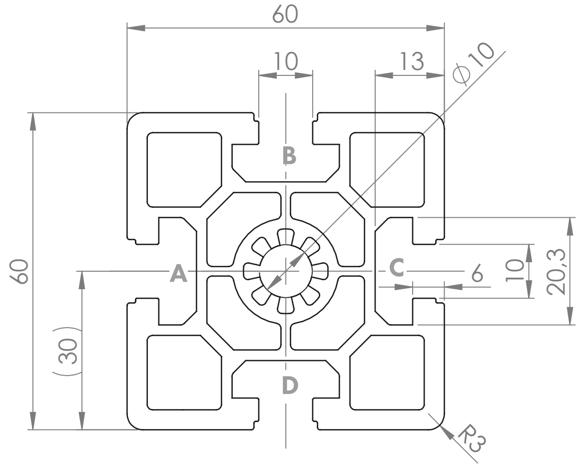


PROFILE 60x60 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	14.40
Moment of inertia Ix [cm⁴]	52.00
Moment of inertia Iy [cm⁴]	52.00
Section modulus Wx [cm³]	17.30
Section modulus Wy [cm³]	17.30
Weight m [kg/m]	3.90



Standard processing:	Art. no.:
M12 / -	**103300**
M12 / M12	**103305**
M12 / D17	**103335**
M12 / M16	**103310**
M16 / -	**103400**
M16 / M16	**103405**
D17 / -	**102500**
D17 / D17	**102505**
D17 / D17V	**102515**
D9.8 / -	**102300**
D9.8 / D9.8	**102305**
D9.8 / D9.8V	**102310**
D9.8+ / D9.8+	**102325**

Explanations and further processing options can be found on p. 223-231

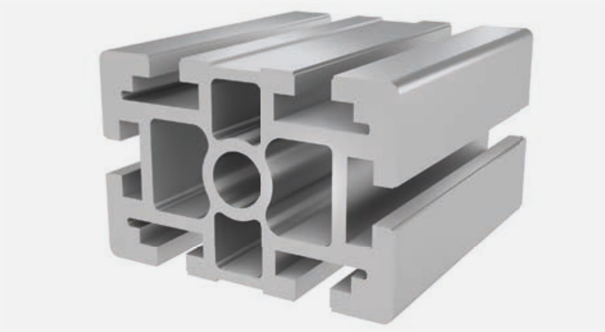
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x60	Cut to length	10	3.9 kg/m	**20105100**
60x60	6060	10	3.9 kg/m	**20105101**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 60x60 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x60	10	14	Black	**401070**
60x60	10	14	Grey	**401170**

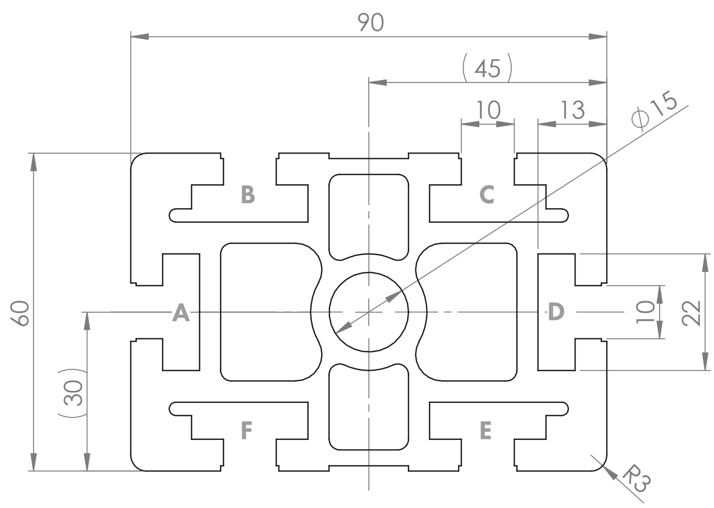


PROFILE 60x90 SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	25.30
Moment of inertia Ix [cm⁴]	212.40
Moment of inertia Iy [cm⁴]	88.50
Section modulus Wx [cm³]	47.20
Section modulus Wy [cm³]	29.50
Weight m [kg/m]	6.80



Standard processing:	Art. no.:
M16 / -	**103400**
M16 / M16	**103405**
D17V / -	**102510**
D17= / -	**102520**
D17V / D17V	**102540**

Explanations and further processing options can be found on p. 223-231

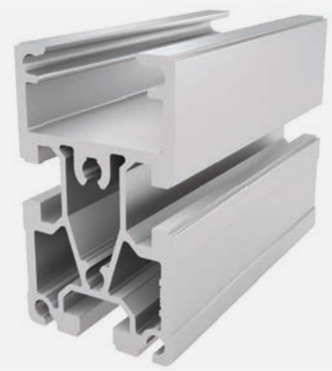
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
60x90	Cut to length	10	6.8 kg/m	**20107500**
60x90	6060	10	6.8 kg/m	**20107501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP 60x90 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
60x90	10	25	Black	**401075**



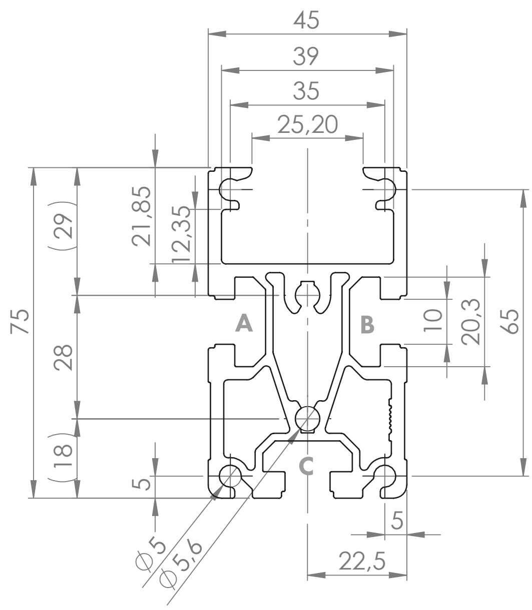
10

ROUTE PROFILE SP 2B SLOT 10

Material: anodised aluminium

Technical data:

Surface A [cm²]	10.10
Moment of inertia Ix [cm⁴]	49.50
Moment of inertia Iy [cm⁴]	25.60
Section modulus Wx [cm³]	12.30
Section modulus Wy [cm³]	11.40
Weight m [kg/m]	2.80



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
SP 2/B	Cut to length	10	2.8 kg/m	**20111000**
SP 2/B	6060	10	2.8 kg/m	**20111001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-

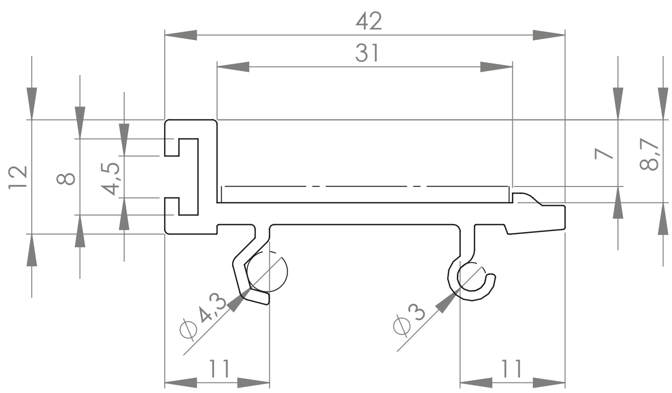
10

BELT GUIDE PROFILE FP 2-B

Material: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Weight m [kg/m]	1.14



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 223-231

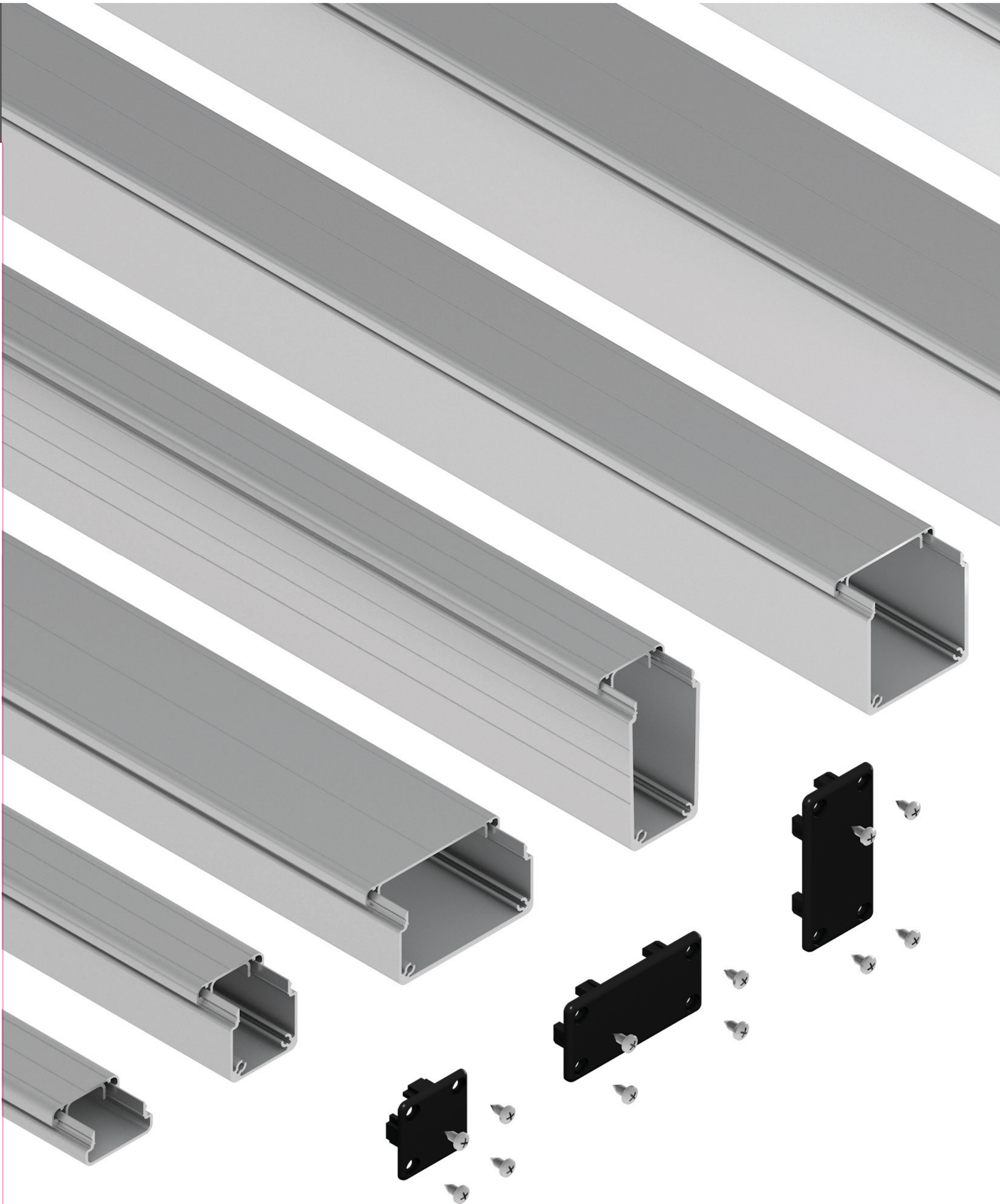
Dimensions (version)	Length (mm)	Slot	Weight (kg)	ESD	Art. no.:
FP 2/B	Cut to length	10	1.14 kg/m		**20111500**
FP 2/B	6060	10	1.14 kg/m		**20111501**

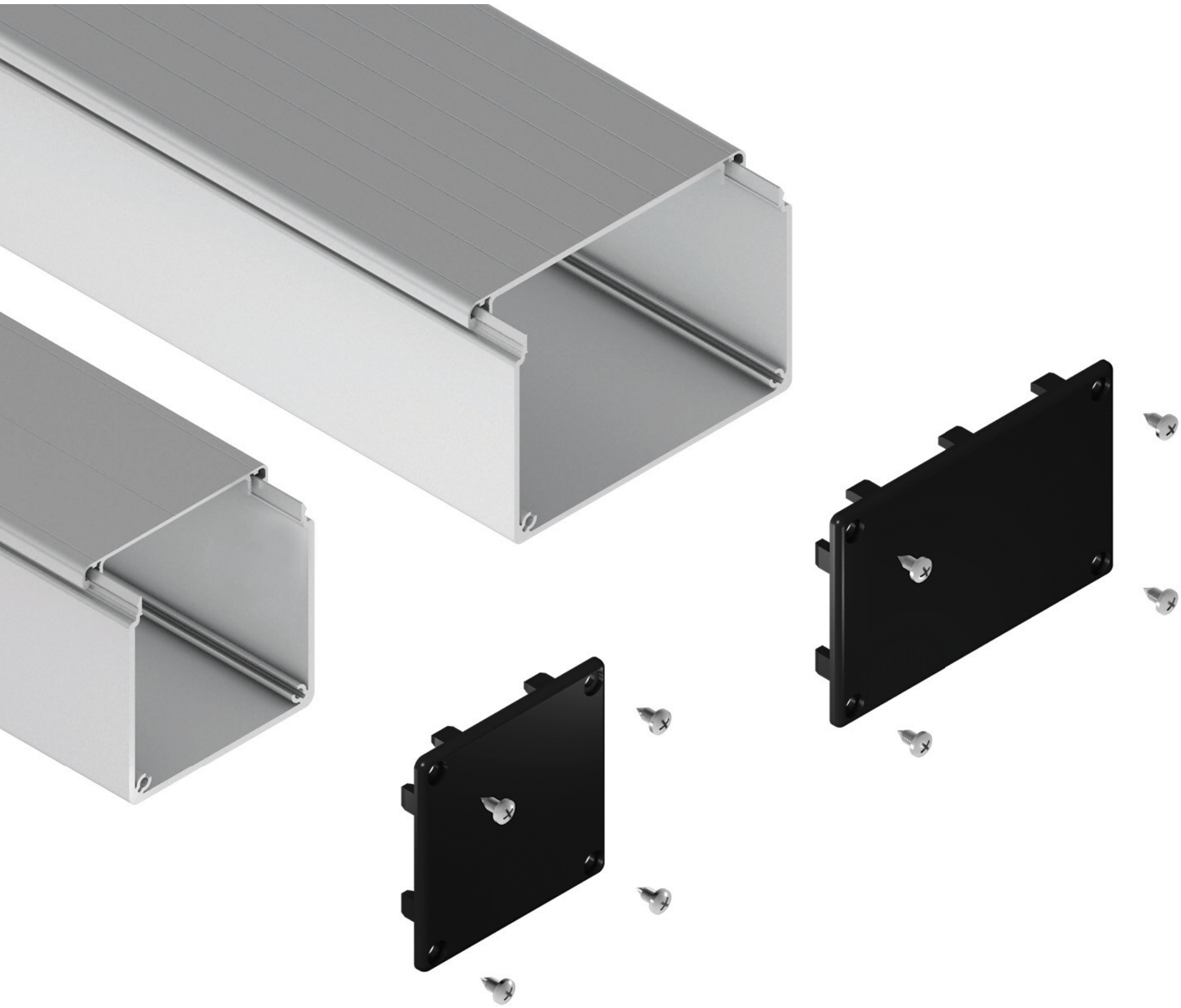
If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101020)**

COVER CAP

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
-	-	-	-	-



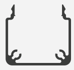
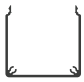
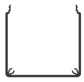


Cable ducts in various designs

Cable ducts for use as conduits in your constructions.

Cable ducts are available in a variety of sizes and shapes and with matching covers.

CABLE DUCTS

Cross-section	Slot	Profile	Article no.	Profile surface A [cm$_4$]	Moment of inertia Ix [cm$_2$]	Iy [cm$_4$]	Section modulus Wx [cm$_3$]	Wy [cm$_3$]	Mass m [kg/m]	Page
		**Cable duct 40x20**	51100300	-	-	-	-	-	0.27	202
		**Cable duct U 40x40**	51101100	-	-	-	-	-	0.57	203
		**Cable duct U 80x40**	51101500	-	-	-	-	-	1.03	204
		**Cable duct cover U 40**	51105100	-	-	-	-	-	0.30	202 203
		**Cable duct U 40x80**	51102100	-	-	-	-	-	1.27	205
		**Cable duct cover U 80**	51106100	-	-	-	-	-	0.54	205
		**Cable duct U 60x60**	51102600	-	-	-	-	-	1.09	206
		**Cable duct cover U 60**	51105600	-	-	-	-	-	0.40	206
		**Cable duct U 80x80**	51103100	-	-	-	-	-	1.51	207
		**Cable duct cover U 80**	51106100	-	-	-	-	-	0.54	207
		**Cable duct U 80x120**	51103600	-	-	-	-	-	1.75	208
		Cable duct cover U 120	51106600	-	-	-	-	-	0.75	208
		**Cable duct U 80x160**	51104100	-	-	-	-	-	1.99	209
		Cable duct cover U 160	51107100	-	-	-	-	-	0.95	209

EXTRUDED PROFILES IN LINE WITH DIN EN 12020-1

Alloy	EN AW6060 T68
Material	No. 3.3206.72 (artificially aged)
Mechanical data (values in extrusion direction)	
Tensile strength Rm	Min. 240 N/mm²
Yield strength Rp 0.2	Min. 190 N/mm²
Elongation A5	Min. 10%
Elastic modulus	Approx. 70,000 N/mm²
Brinell hardness	Approx. 75 HB 2.5/187.5
Linear expansion coefficient	23.8x10-6/K
Surface in line with DIN 17611	E6/EV1- matt stained and natural colour anodised
Coating thickness	Approx. 10 µm
Coating hardness	250-350 HV
Special colours on request Delivery length 6000 mm (or as specified in catalogue)	

PROFILE TOLERANCES

The stated dimensions depend on the manufacturing accuracy of the tools, tool wear and manufacturing variations. Deviations within a single profile production batch are in the range of 1/100.

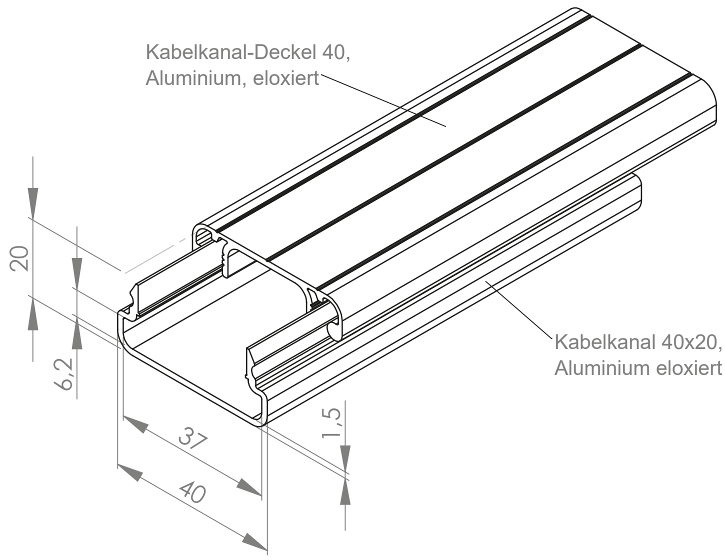
Measuring range from - to (mm)	Tolerance ± (mm)
0 – 10	± 0.15
10 – 15	± 0.20
15 – 30	± 0.25
30 – 45	± 0.30
45 – 60	± 0.40
60 - 90	± 0.45
90 – 120	± 0.60
120 – 150	± 0.80
150 – 180	± 1.00
180 - 240	± 1.20

CABLE DUCT 40x20 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm^2]	-
Moment of inertia Ix [cm^4]	-
Moment of inertia Iy [cm^4]	-
Section modulus Wx [cm^3]	-
Section modulus Wy [cm^3]	-
Cable duct weight m [kg/m]	0.27
Cover weight m [kg/m]	0.30

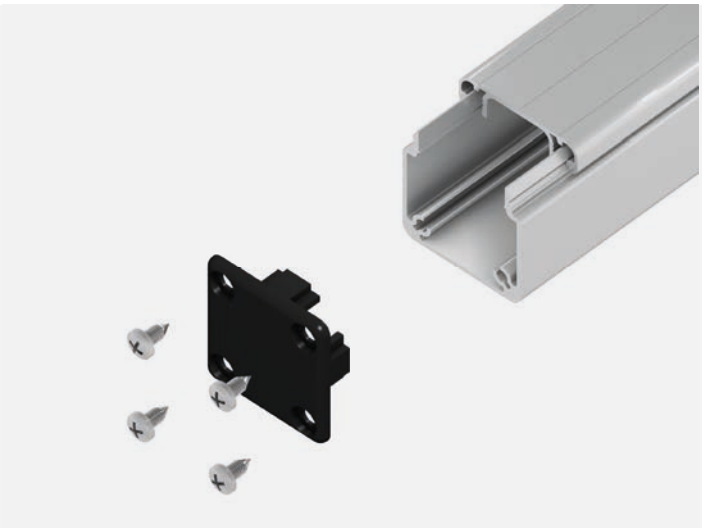


Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct 40x20	Cut to length	-	0.27 kg/m	**51100300**
Cable duct 40x20	3060	-	0.27 kg/m	**51100301**
Cable duct cover 40	Cut to length	-	0.3 kg/m	**51105100**
Cable duct cover 40	3060	-	0.3 kg/m	**51105101**

COVER CAP, CABLE DUCT 40x20 AND SHEET-METAL SCREW 4.2x9.5

Material: PA plastic, black / sheet-metal screw: steel, zinc-plated

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Sheet-metal screw 4.2x9.5	-	-	0.002	**370305**

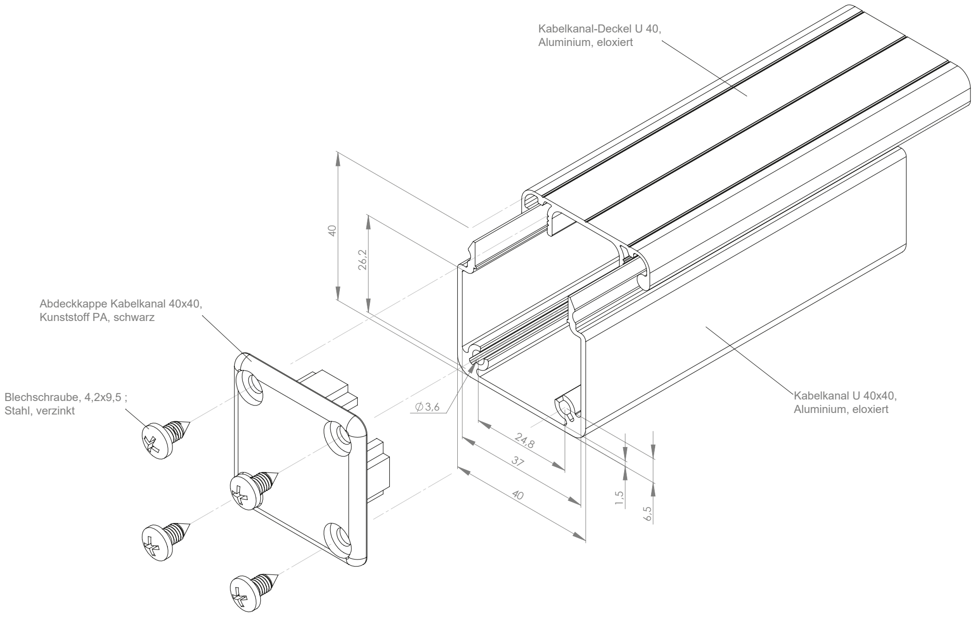


CABLE DUCT 40x40 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Cable duct weight m [kg/m]	0.57
Cover weight m [kg/m]	0.30



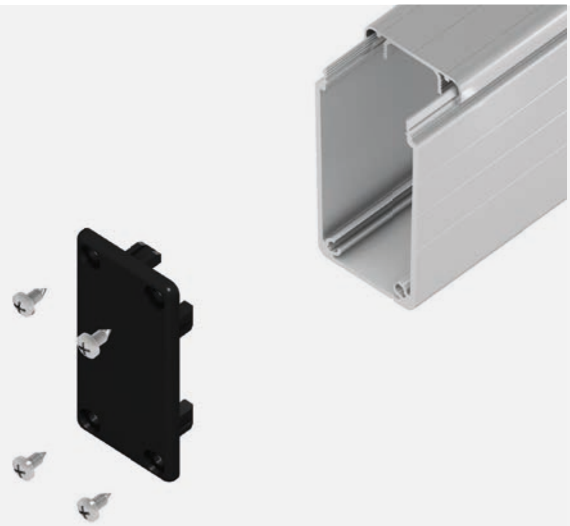
Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct 40x40	Cut to length	-	0.57 kg/m	**51101100**
Cable duct 40x40	3060	-	0.57 kg/m	**51101101**
Cable duct cover 40	Cut to length	-	0.3 kg/m	**51105100**
Cable duct cover 40	3060	-	0.3 kg/m	**51105101**

COVER CAP, CABLE DUCT 40x40 AND SHEET-METAL SCREW 4.2x9.5

Material: PA plastic, black / sheet-metal screw: steel, zinc-plated

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Cover cap for cable duct 40x40	-	-	0.008	**511080**
Sheet-metal screw 4.2x9.5	-	-	0.002	**370305**

1

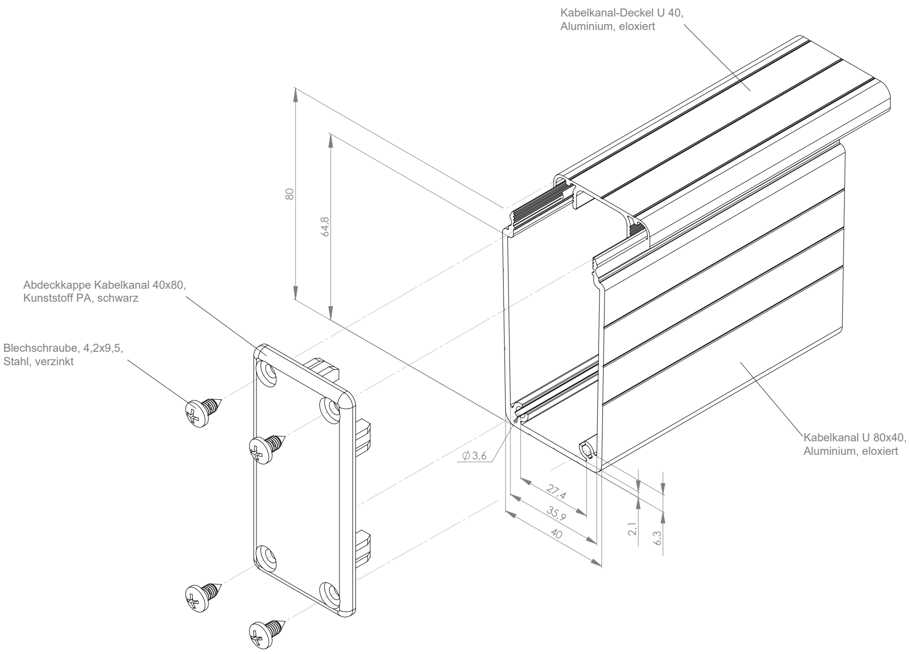


CABLE DUCT U 80x40 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Cable duct weight m [kg/m]	1.03
Cover weight m [kg/m]	0.30

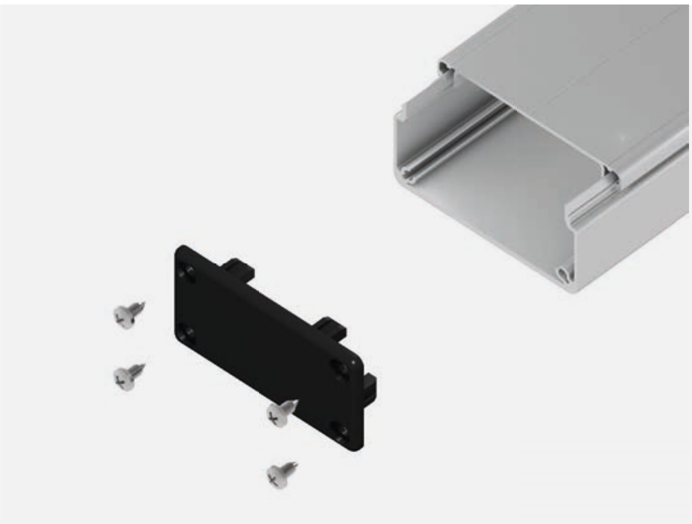


Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct U 80x40	Cut to length	-	1.03 kg/m	**51101500**
Cable duct U 80x40	3060	-	1.03 kg/m	**51101501**
Cable duct cover U 40	Cut to length	-	0.3 kg/m	**51105100**
Cable duct cover U 40	3060	-	0.3 kg/m	**51105101**

COVER CAP, CABLE DUCT 40x80 AND SHEET-METAL SCREW 4.2x9.5

Material: PA plastic, black / sheet-metal screw: steel, zinc-plated

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Cover cap for cable duct 40x80	-	-	0.14	**511090**
Sheet-metal screw 4.2x9.5	-	-	0.002	**370305**

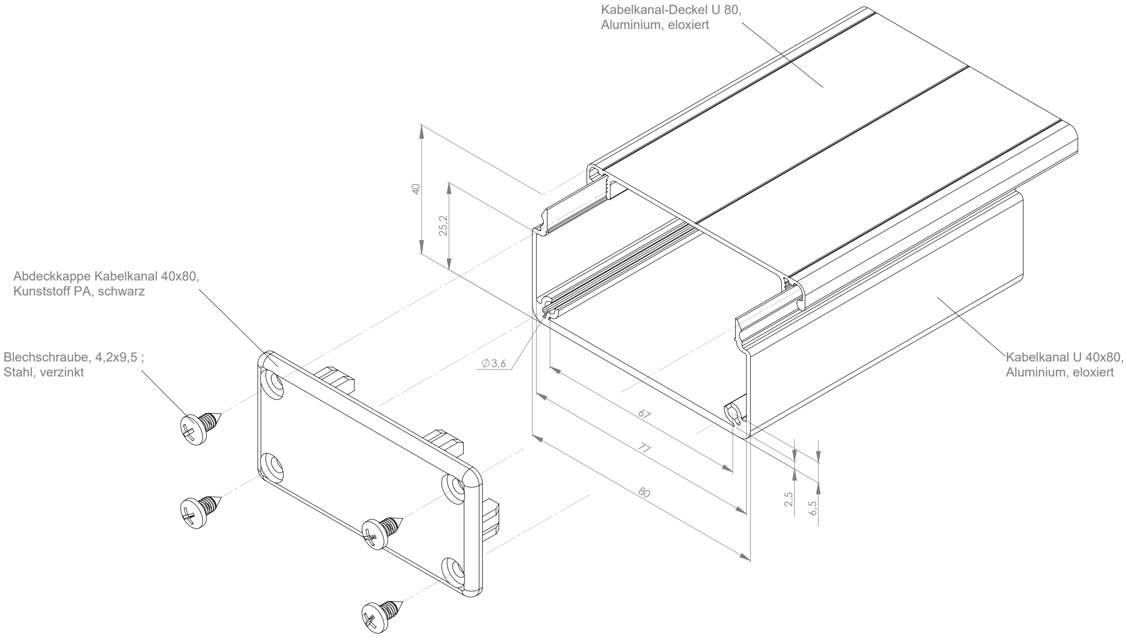


CABLE DUCT U 40x80 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm^4]	-
Moment of inertia Iy [cm^4]	-
Section modulus Wx [cm^3]	-
Section modulus Wy [cm^3]	-
Cable duct weight m [kg/m]	1.27
Cover weight m [kg/m]	0.54



Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct U 40x80	Cut to length	-	1.27 kg/m	**51102100**
Cable duct U 40x80	3040	-	1.27 kg/m	**51102101**
Cable duct cover U 80	Cut to length	-	0.54 kg/m	**51106100**
Cable duct cover U 80	3040	-	0.54 kg/m	**51106101**

COVER CAP, CABLE DUCT 40x80 AND SHEET-METAL SCREW 4.2x9.5

Material: PA plastic, black / sheet-metal screw: steel, zinc-plated

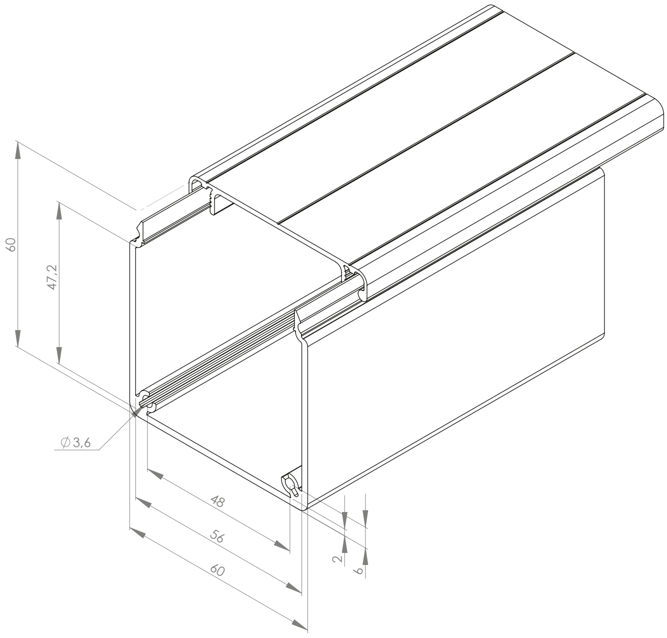
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Cover cap for cable duct 40x80	-	-	0.14	**511090**
Sheet-metal screw 4.2x9.5	-	-	0.002	**370305**

CABLE DUCT U 60x60 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Cable duct weight m [kg/m]	1.09
Cover weight m [kg/m]	0.40

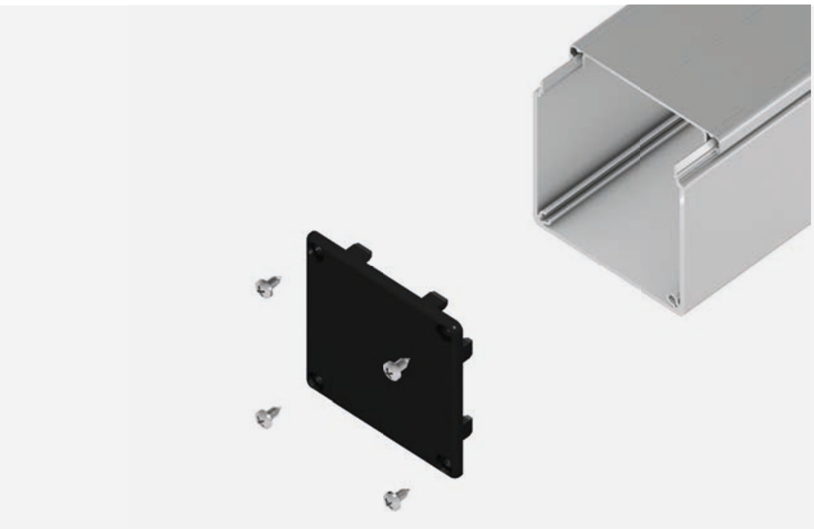


Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct U 60x60	Cut to length	-	1.09 kg/m	**51102600**
Cable duct U 60x60	3060	-	1.09 kg/m	**51102601**
Cable duct cover U 60	Cut to length	-	0.4 kg/m	**51105600**
Cable duct cover U 60	3060	-	0.4 kg/m	**51105601**

COVER CAP

Material

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:

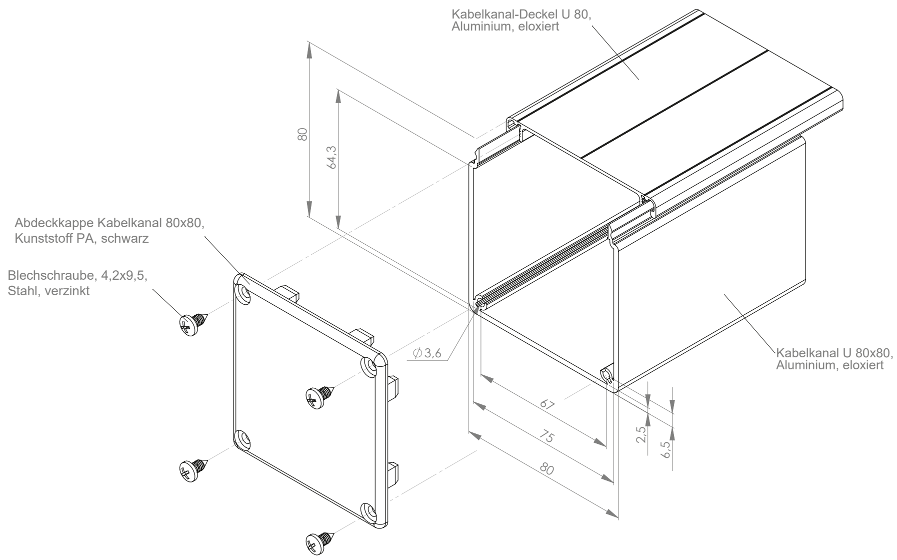


CABLE DUCT U 80x80 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Cable duct weight m [kg/m]	1.51
Cover weight m [kg/m]	0.54

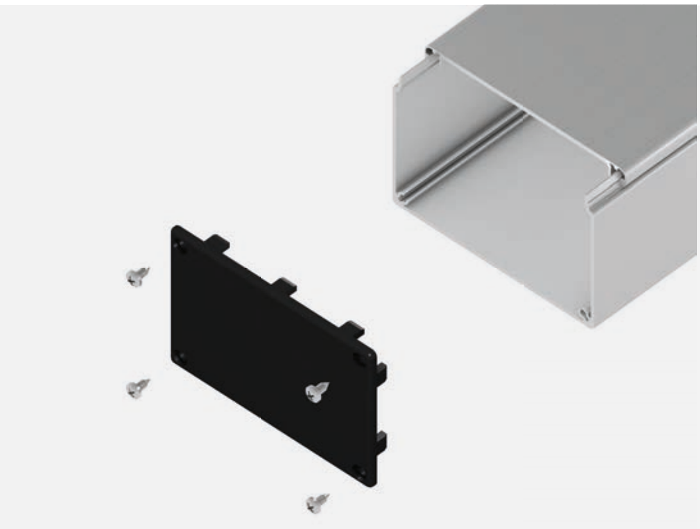


Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct U 80x80	Cut to length	-	1.51 kg/m	**51103100**
Cable duct U 80x80	3060	-	1.51 kg/m	**51103101**
Cable duct cover U 80	Cut to length	-	0.54 kg/m	**51106100**
Cable duct cover U 80	3060	-	0.54 kg/m	**51106101**

COVER CAP, CABLE DUCT 80x80 AND SHEET-METAL SCREW 4.2x9.5

Material: PA plastic, black / sheet-metal screw: steel, zinc-plated

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Cover cap for cable duct 80x80	-	-	0.028	**511100**
Sheet-metal screw 4.2x9.5	-	-	0.002	**370305**

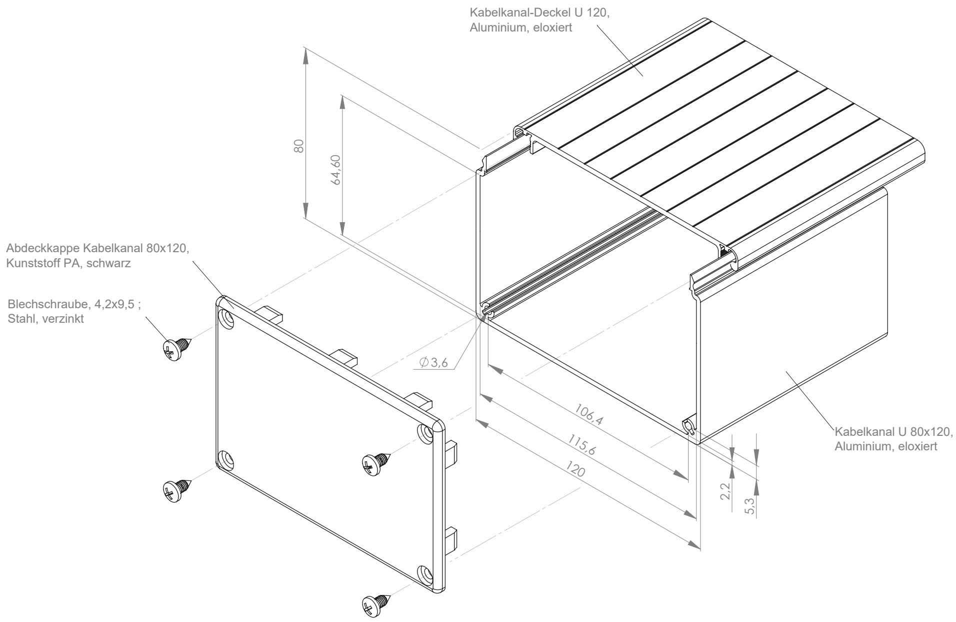


CABLE DUCT U 80x120 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Cable duct weight m [kg/m]	1.75
Cover weight m [kg/m]	0.75

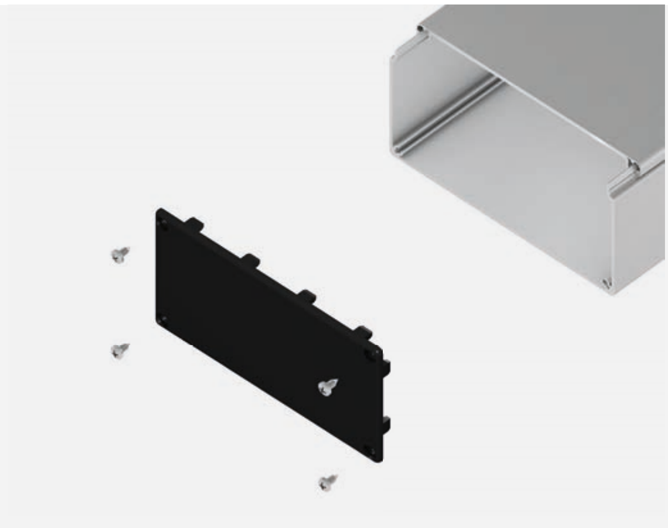


Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct U 80x120	Cut to length	-	1.75 kg/m	**51103600**
Cable duct U 80x120	3060	-	1.75 kg/m	**51103601**
Cable duct cover U 120	Cut to length	-	0.75 kg/m	**51106600**
Cable duct cover U 120	3060	-	0.75 kg/m	**51106601**

COVER CAP, CABLE DUCT 80x120 AND SHEET-METAL SCREW 4.2x9.5

Material: PA plastic, black / sheet-metal screw: steel, zinc-plated

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Cover cap for cable duct 80x120	-	-	0.028	**511105**
Sheet-metal screw 4.2x9.5	-	-	0.002	**370305**

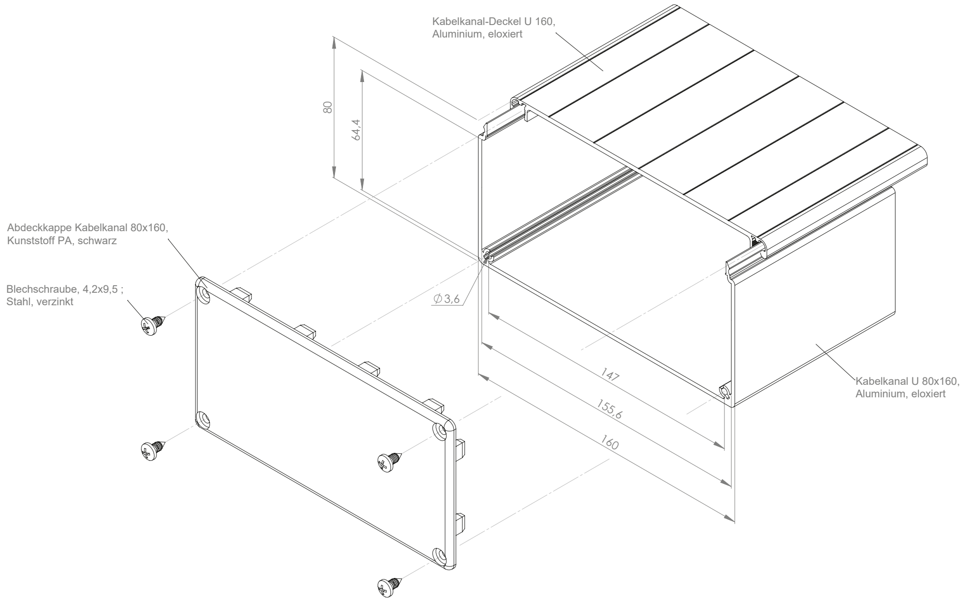


CABLE DUCT U 80x160 WITH COVER

Cable duct material: anodised aluminium
Material cover: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Cable duct weight m [kg/m]	1.99
Cover weight m [kg/m]	0.95



Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Cable duct U 80x160	Cut to length	-	1.99 kg/m	**51104100**
Cable duct U 80x160	3060	-	1.99 kg/m	**51104101**
Cable duct cover U 160	Cut to length	-	0.95 kg/m	**51107100**
Cable duct cover U 160	3060	-	0.95 kg/m	**51107101**

COVER CAP, CABLE DUCT 80x160 AND SHEET-METAL SCREW 4.2x9.5

Material: PA plastic, black / sheet-metal screw: steel, zinc-plated

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Cover cap for cable duct 80x160	-	-	0.058	**511110**
Sheet-metal screw 4.2x9.5	-	-	0.002	**370305**


10
1
10
2
10
3
10
4

Stainless steel tube 28x1.5 1
Sturdy stainless steel tube for a wide variety of applications.

Round tube D28L with core pull 2
Aluminium tube with core pull. The core pull speeds up processing (e.g. thread) and allows the components to be installed in the construction equally quickly.

Round tube D28L 3
Round tube, also called a dovetail profile, for versatile applications when used in combination with matching connectors with suitable profile-attachment fittings.

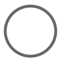
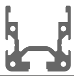
Round tube D28L N10 4
Round tube, also called a dovetail profile, for versatile applications when used in combination with matching connectors with suitable profile-attachment fittings. It also features a slot for attaching components using T-slot nuts or suitable hammer nuts.

Shaft clamp profile 8 D14 5
Shaft clamp profile with matching shaft. Suitable for converting a simple profile (slot 8(i)) into a sliding guide.

Roller track profile 8 6
For constructing roller conveyors: the recess allows various roller track inserts for a wide variety of applications to be inserted.

Roller track B10 7
for constructing roller conveyors: the recess allows various roller track inserts for a wide variety of applications to be inserted.

SPECIAL PROFILES

Cross-section	Slot	Profile	Article no.	Profile surface A [cm_4]	Moment of inertia Ix [cm_2]	Iy [cm_4]	Section modulus Wx [cm_3]	Wy [cm_3]	Mass m [kg/m]	Page
		**Round tube D28L**	80800300	1.80	1.33	1.33	0.95	0.95	0.48	214
		**Round tube D28 with core pull**	80800200	2.35	1.53	1.53	1.10	1.10	0.68	215
	10	**Round tube D28L, N10**	80800400	2.63	1.17	1.97	0.84	1.41	0.71	216
		**Stainless steel tube 28x1.5**	80800500	-	-	-	-	-	1.00	217
		**Shaft D14**	80801000	-	-	-	-	-	-	218
	8	**Shaft clamp profile 8 D14**	80801010	1.26	-	-	-	-	0.34	219
		**Roller track profile 8 40x40**	80401500	4.79	10.28	5.75	5.14	2.28	1.34	220
		**Roller track profile B10 40x40**	80401700	5.03	10.29	5.88	5.15	2.31	1.36	221

EXTRUDED PROFILES IN LINE WITH DIN EN 12020-1

Alloy	EN AW6060 T68
Material	No. 3.3206.72 (artificially aged)
Mechanical data (values in extrusion direction)	
Tensile strength Rm	Min. 240 N/mm²
Yield strength Rp 0.2	Min. 190 N/mm²
Elongation A5	Min. 10%
Elastic modulus	Approx. 70,000 N/mm²
Brinell hardness	Approx. 75 HB 2.5/187.5
Linear expansion coefficient	23.8x10-6/K
Surface in line with DIN 17611	E6/EV1- matt stained and natural colour anodised
Coating thickness	Approx. 10 µm
Coating hardness	250-350 HV
Special colours on request Delivery length 6000 mm (or as specified in catalogue)	

PROFILE TOLERANCES

The stated dimensions depend on the manufacturing accuracy of the tools, tool wear and manufacturing variations. Deviations within a single profile production batch are in the range of 1/100.

Measuring range from - to (mm)	Tolerance ± (mm)
0 – 10	± 0.15
10 – 15	± 0.20
15 – 30	± 0.25
30 – 45	± 0.30
45 – 60	± 0.40
60 - 90	± 0.45
90 – 120	± 0.60
120 – 150	± 0.80
150 – 180	± 1.00
180 - 240	± 1.20

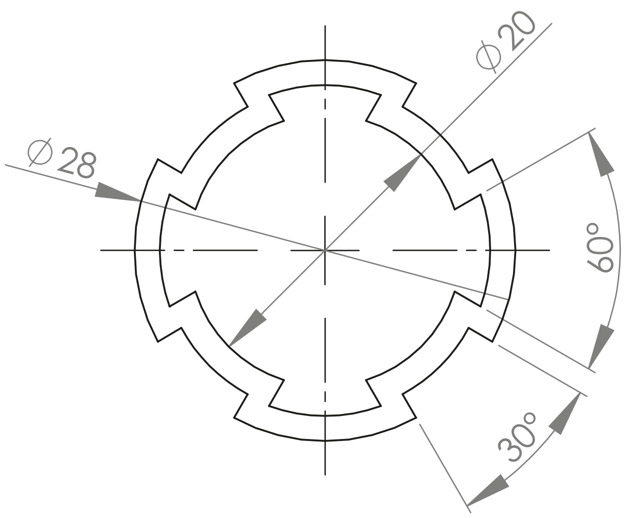
1

ROUND TUBE D28L (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.80
Moment of inertia Ix [cm⁴]	1.33
Moment of inertia Iy [cm⁴]	1.33
Section modulus Wx [cm³]	0.95
Section modulus Wy [cm³]	0.95
Weight m [kg/m]	0.48



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 222-231

Dimensions (version)	Length (mm)	Weight (kg)	Art. no.:
D28L	Cut to length	0.48 kg/m	**80800300**
D28L	6060	0.48 kg/m	**80800301**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

TUBE COVER CAPS Ø28x2 INSIDE, Ø28x2 OUTSIDE

Material: PA plastic

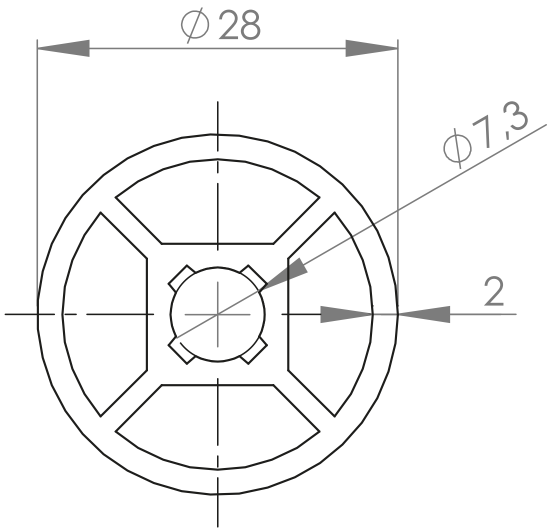
Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Ø28x2	-	2	Inside	**805005**
Ø28x2	-	7	Outside	**805010**

ROUND TUBE D28L WITH CORE PULL (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	2.35
Moment of inertia Ix [cm⁴]	1.53
Moment of inertia Iy [cm⁴]	1.53
Section modulus Wx [cm³]	1.10
Section modulus Wy [cm³]	1.10
Weight m [kg/m]	0.68



Standard processing:	Art. no.:
M8 / -	**103200**
M8 / M8	**103205**

Explanations and further processing options can be found on p. 222-231

Dimensions (version)	Length (mm)	Weight (kg)	Art. no.:
D28L with core pull	Cut to length	0.68 kg/m	**80800200**
D28L with core pull	6060	0.68 kg/m	**80800201**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

TUBE COVER CAPS Ø28X2 OUTSIDE, Ø28L AND D28

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Ø28x2	-	7	Outside	**805010**
Ø28 and D28, t=3	-	7		**805012**

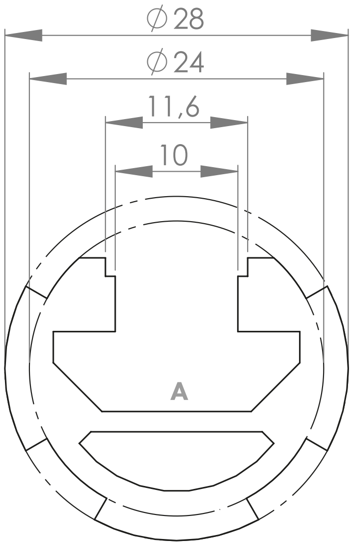
10

ROUND TUBE D28L, N10 (light)

Material: anodised aluminium

Technical data:

Surface A [cm²]	2.63
Moment of inertia Ix [cm^4]	1.17
Moment of inertia Iy [cm^4]	1.97
Section modulus Wx [cm^3]	0.84
Section modulus Wy [cm^3]	1.41
Weight m [kg/m]	0.71



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 222-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
D28L, N10	Cut to length	10	0.71 kg/m	**80800400**
D28L, N10	6060	10	0.71 kg/m	**80800401**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

TUBE COVER CAP Ø28L AND D28 SLOT 10

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Ø28 and D28, t=3	10	7		**805012**

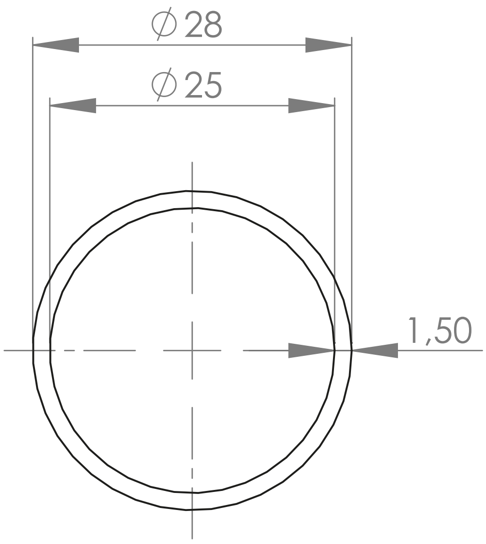
10

STAINLESS STEEL TUBE 28x1.5

Material: anodised aluminium

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Weight m [kg/m]	1.00



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 222-231

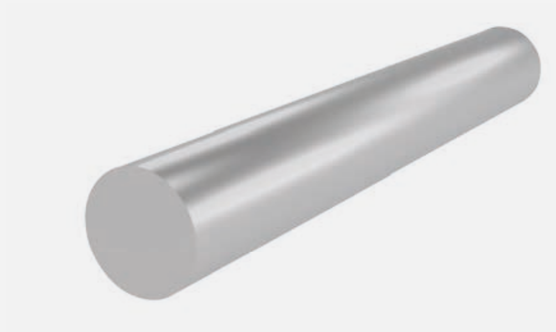
Dimensions (version)	Length (mm)	Weight (kg)	Art. no.:
28x1.5	Cut to length	1.00 kg/m	**80800500**
28x1.5	6060	1.00 kg/m	**80800501**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

TUBE COVER CAPS Ø28x2 OUTSIDE

Material: PA plastic

Dimensions (version)	Slot	Weight (g)	Version	Art. no.:
Ø28x2	-	7	Outside	**805010**



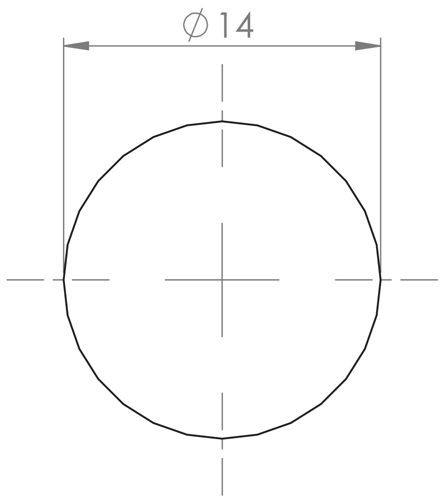
10

SHAFT D14

Material: steel, Cf53, hardened, sanded

Technical data:

Surface A [cm²]	-
Moment of inertia Ix [cm^4]	-
Moment of inertia Iy [cm^4]	-
Section modulus Wx [cm^3]	-
Section modulus Wy [cm^3]	-
Weight m [kg/m]	-



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 222-231

Dimensions (version)	Length (mm)	Weight (kg)	Art. no.:
Shaft D14	Cut to length	-	**80801000**
Shaft D14	6060	-	**80801001**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

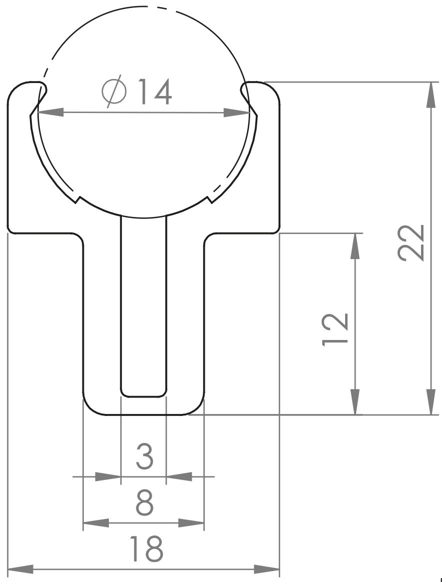
1

SHAFT CLAMP PROFILE 8 D14

Material: anodised aluminium

Technical data:

Surface A [cm²]	1.26
Moment of inertia Ix [cm⁴]	-
Moment of inertia Iy [cm⁴]	-
Section modulus Wx [cm³]	-
Section modulus Wy [cm³]	-
Weight m [kg/m]	-
	-



Standard processing:	Art. no.:
-	-

Explanations and further processing options can be found on p. 222-231

Dimensions (version)	Length (mm)	Weight (kg)	Art. no.:
Shaft clamp profile 8 D14	Cut to length	0.34 kg/m	**80801010**
Shaft clamp profile 8 D14	6060	0.34 kg/m	**80801011**

If this profile is cut to length, the cutting costs incurred per saw cut must be factored in. **(Art. no.: 101010)**

8-5

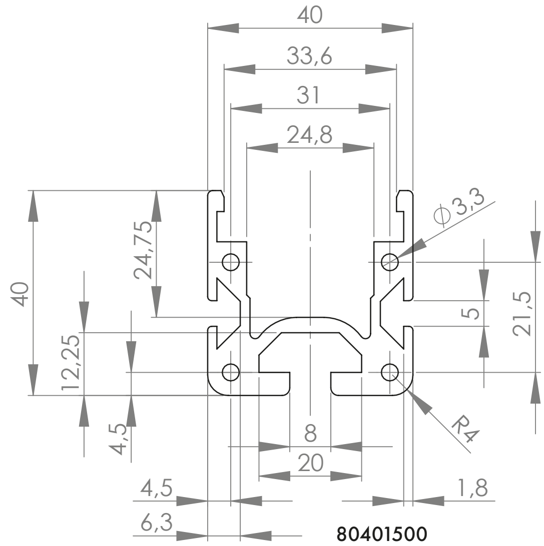
ROLLER TRACK PROFILE 8 40x40

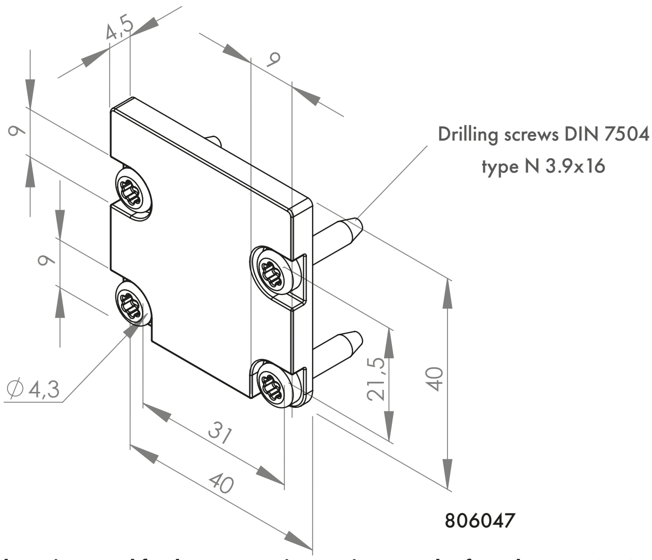
Material: anodised aluminium

Technical data:

Surface A [cm²]	4.79
Moment of inertia Ix [cm⁴]	10.28
Moment of inertia Iy [cm⁴]	5.75
Section modulus Wx [cm³]	5.14
Section modulus Wy [cm³]	2.28
Weight m [kg/m]	1.34

You can find a wide range of accessories for our Smart-Lean roller track at: **https://shop.askgmbh.com/smart-lean-systeme/zubehoer/**



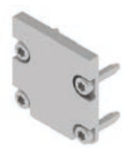


Explanations and further processing options can be found on p. 222-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Roller track profile 8 40x40	Cut to length	8 - 5	1.34 kg/m	**80401500**
Roller track profile 8 40x40	6060	8 - 5	1.34 kg/m	**80401501**

COVER PLATES FOR ROLLER TRACKS 40x40

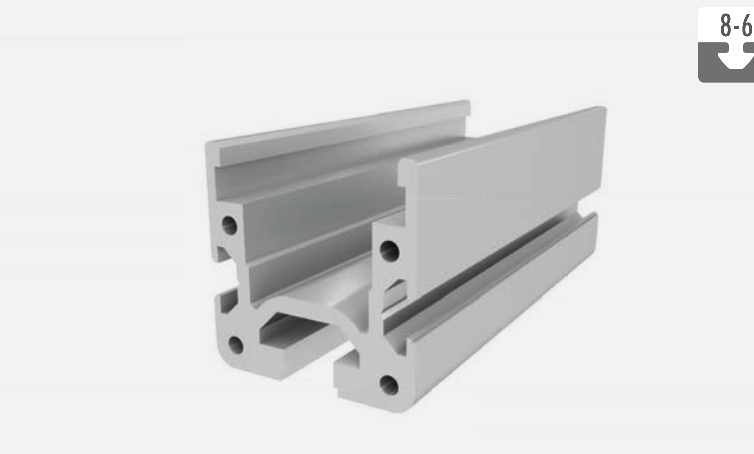
Material: steel, zinc-plated / steel, black (further colours available on request)



For closing the ends of AL roller track profiles to prevent inserts from slipping out.
Available in two different versions (without stop - with stop > see page 221)

Description	Dimensions	Fastening kit	Weight	Version	Art. no.
Cover plate 40x40, St zinc-plated	40x40	-	-	Steel, zinc-plated	**806046**
Cover plate 40x40, St zinc-plated with fastening screws	40x40	Fastening kit*	-	Steel, zinc-plated	**806047**
Cover plate 40x40, St black	40x40	-	-	Steel, black	**806044**
Cover plate 40x40 St black with fastening screws	40x40	Fastening kit*	-	Steel, black	**806045**

Fastening kit: *
4x drilling screws DIN 7504 type N - 3.9x16



8-6

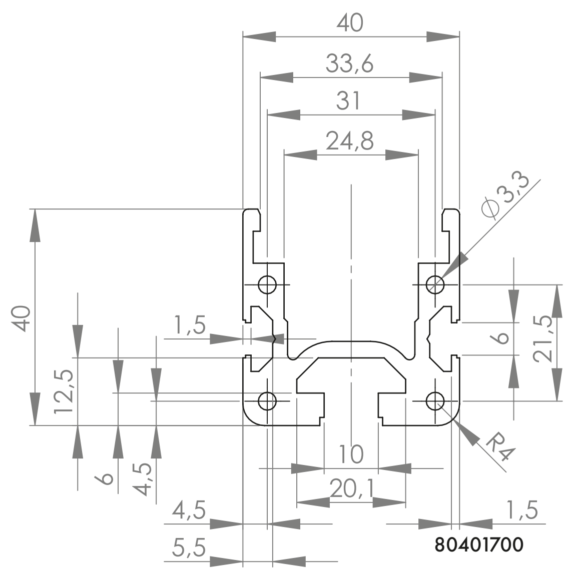
ROLLER TRACK PROFILE 40x40 SLOT 10

Material: anodised aluminium

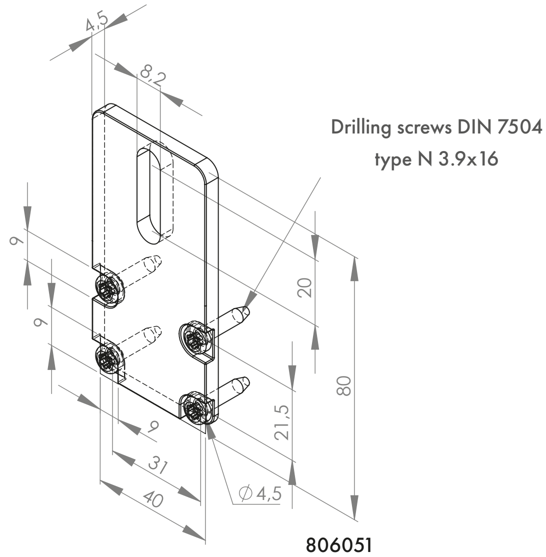
Technical data:

Surface A [cm²]	5.03
Moment of inertia Ix [cm⁴]	10.29
Moment of inertia Iy [cm⁴]	5.88
Section modulus Wx [cm³]	5.15
Section modulus Wy [cm³]	2.31
Weight m [kg/m]	1.36

You can find a wide range of accessories for our Smart-Lean roller track at: **https://shop.askgmbh.com/smart-lean-systeme/zubehoer/**



80401700



806051

Explanations and further processing options can be found on p. 222-231

Dimensions (version)	Length (mm)	Slot	Weight (kg)	Art. no.:
Roller track profile 40x40 slot 10	Cut to length	8 - 6	1.36 kg/m	**80401700**
Roller track profile 40x40 slot 10	6060	8 - 6	1.36 kg/m	**80401701**

COVER PLATES FOR ROLLER TRACKS 40x80

Material: steel, zinc-plated / steel, black (further colours available on request)

For closing the ends of AL roller track profiles to prevent inserts from slipping out.
Available in two different versions (with stop - without stop > see page 220).

Description	Dimensions	Fastening kit	Weight	Version	Art. no.
Cover plate 40x80, St zinc-plated	40x80	-	-	Steel, zinc-plated	**806050**
Cover plate 40x80, St zinc-plated with fastening screws	40x80	Fastening kit*	-	Steel, zinc-plated	**806051**
Cover plate 40x80, St black	40x80	-	-	Steel, black	**806048**
Cover plate 40x80, St black with fastening screws	40x80	Fastening kit*	-	Steel, black	**806049**

Fastening kit: *
4x drilling screws DIN 7504 type N - 3.9x16

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

......................Components for series 40 i and 45 B

......................Slot specifications


......................ESD symbol for products that are electrostatically dissipative

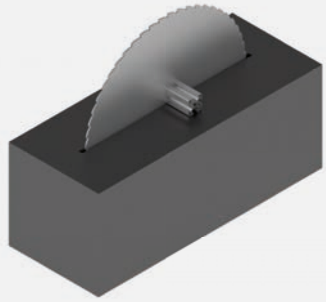

......................Pages showing product overviews


......................Information

SAW CUT PROCESSING OPTIONS........................From page 224

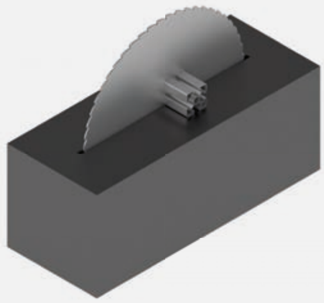
S

SAW CUT FOR SMALL CROSS SECTIONS



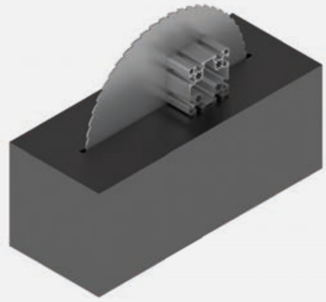
M

SAW CUT FOR AVERAGE CROSS SECTIONS



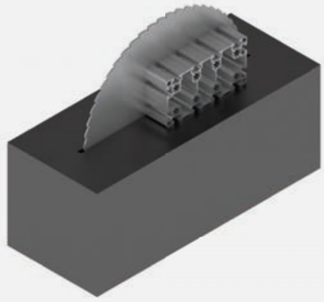
L

SAW CUT FOR LARGE CROSS SECTIONS



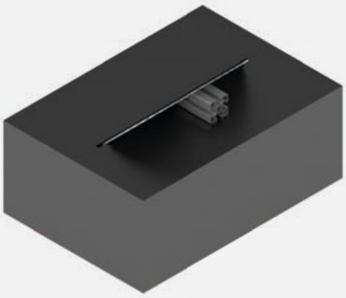
XL

SAW CUT FOR EXTRA-LARGE CROSS SECTIONS



G

MITRE SAW CUT

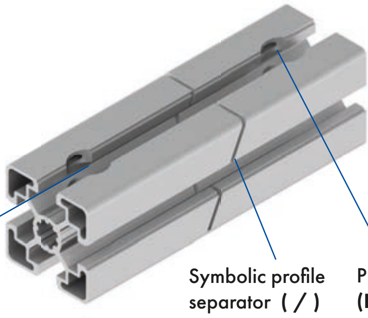


1

/

The slash means that the following profile processing method is applied to the opposing profile side.

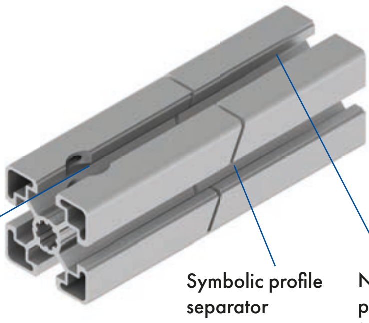
Example: (D17/D17)



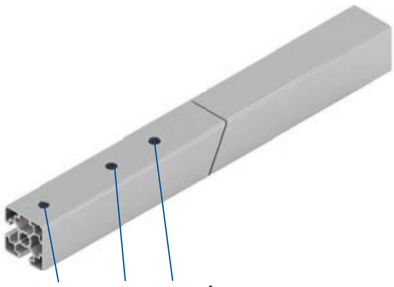
–

The single hyphen means that this side of the profile is not processed. (Example 1) Furthermore, the hyphen can also identify the position of a hole. (Example 2)

Example 1: (D17/–)



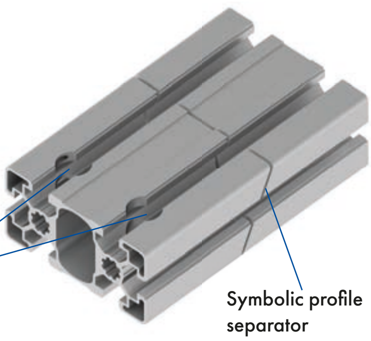
Example 2: D9.5 – 22.5 – 100 – 150 / –



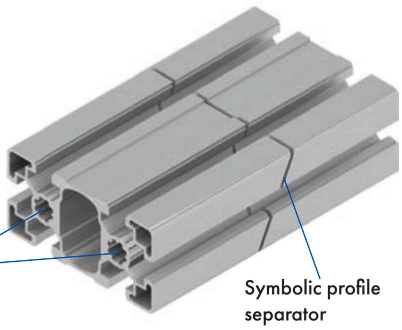
=

The equals sign means that the stated processing method is applied to the indicated side in two slots or core pulls.

Example: (D17=/–)



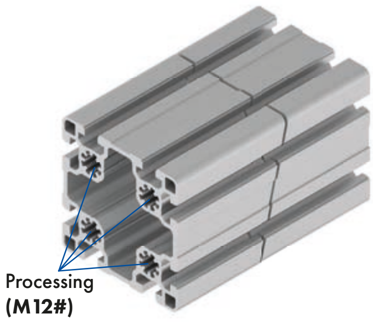
Example: (M12 =/–)



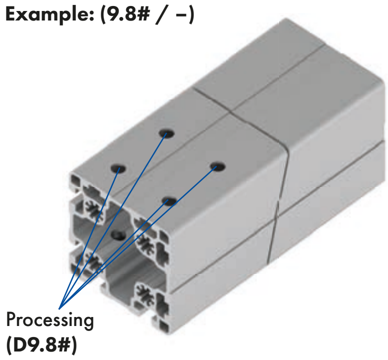
#

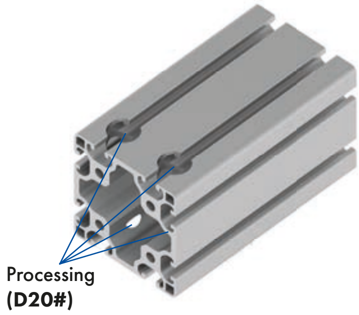
The hash symbol means that the stated processing method is applied to the indicated side four times.

Example: (M12#/–)



Example: (9.8# / –)

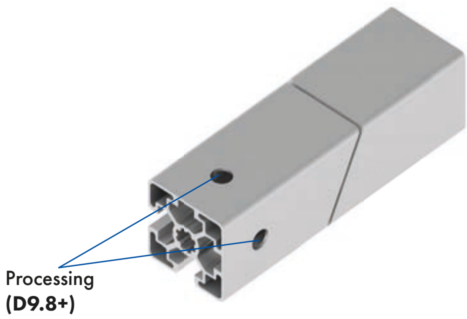




+

The plus symbol means that the aforementioned processing is carried out in duplicate but offset by 90°, so that a single drilled hole becomes a cross hole, for example.

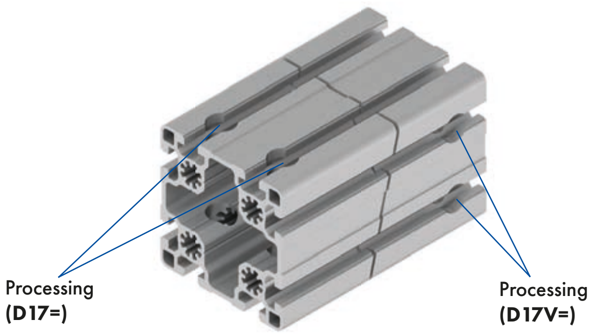
Example: (D9.8+ /–)



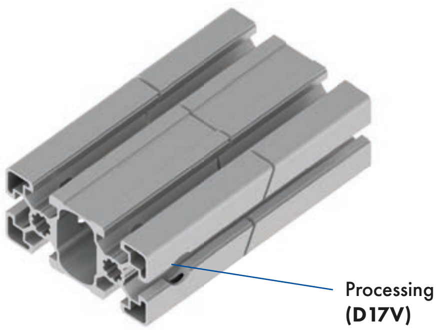
V

Processing options whose names include the letter V are performed offset by 90° to the other named processing actions, e.g. for profiles with square cross-sections.

Example: (D17=/D17V=)



Example: (D17 /–)



For profiles with square cross-sections, a processing action with the suffix V is performed vertically, i.e. in the direction of the longer profile side.

!

CUSTOM PROCESSING OPTIONS

To ensure that the profiles are processed as you wish, we recommend the following:

Use the slot descriptions to define processing actions in cases where it is not clear how they are to be placed.

The following shows an example application:

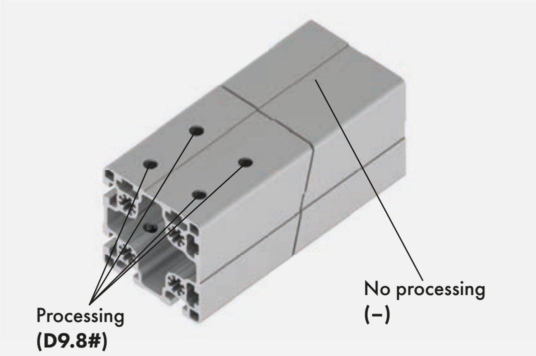
Illustration on right: Processing: (D9.8#/ –)

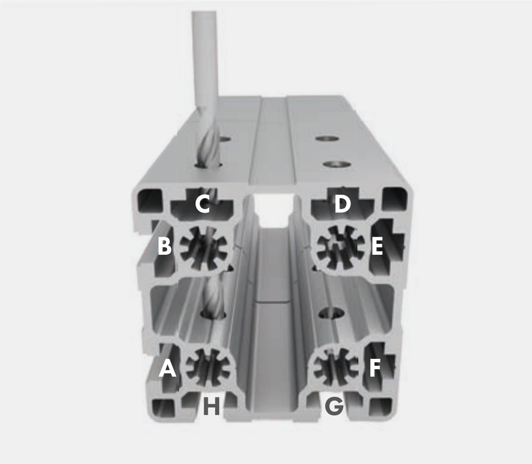
Alternatively, you can use the letter suffix and also specify it in addition to determine the drilling direction with precision.

Example: (D9.8# C-H, D-G/–)

We are also well equipped to perform milling tasks on profiles using our rod processing machine. We can easily process profiles up to a length of 3800 mm according to your wishes.

When placing profile orders with special cutting requirements, simply enter the number of the drawing according to which the selected profile is to be processed. Send us the drawing along with the order by email or fax or use our online shop and process the order via our order platform.





PROCESSING	EXPLANATION	ART. NO.
M5 / -	**1x** M5 thread, **unilateral** in one core pull	**103170**
M5 / M5	**1x** M5 thread, **bilateral** in one core pull	**103171**
M5= / -	**2x** M5 threads, **unilateral** in the core pulls	**103175**
M5= / M5=	**2x** M5 threads, **bilateral** in the core pulls	**103172**
M5# / -	**4x** M5 threads, **unilateral** in the core pulls	**103176**
M5# / M5#	**4x** M5 threads, **bilateral** in the core pulls	**103177**

M5

PROCESSING	EXPLANATION	ART. NO.
M6 / -	**1x** M6 thread, **unilateral** in one core pull	**103150**
M6 / M6	**1x** M6 thread, **bilateral** in one core pull	**103151**
M6= / -	**2x** M6 threads, **unilateral** in the core pulls	**103161**
M6= / M6=	**2x** M6 threads, **bilateral** in the core pulls	**103152**
M6# / -	**4x** M6 threads, **unilateral** in the core pulls	**103159**
M6# / M6#	**4x** M6 threads, **bilateral** in the core pulls	**103153**

M6

PROCESSING	EXPLANATION	ART. NO.
M8 / -	**1x** M8 thread, **unilateral** in one core pull	**103200**
M8 / M8	**1x** M8 thread, **bilateral** in one core pull	**103205**
M8= / -	**2x** M8 threads, **unilateral** in the core pulls	**103215**
M8= / M8=	**2x** M8 threads, **bilateral** in the core pulls	**103210**
M8# / -	**4x** M8 threads, **unilateral** in the core pulls	**103240**
M8# / M8#	**4x** M8 threads, **bilateral** in the core pulls	**103245**

M8

PROCESSING	EXPLANATION	ART. NO.
M12 / -	**1x** M12 thread, **unilateral** in one core pull	**103300**
M12 / M12	**1x** M12 thread, **bilateral** in one core pull	**103305**
M12= / -	**2x** M12 threads, **unilateral** in the core pulls	**103315**
M12= / M12=	**2x** M12 threads, **bilateral** in the core pulls	**103320**
M12# / -	**4x** M12 threads, **unilateral** in the core pulls	**103325**
M12# / M12#	**4x** M12 threads, **bilateral** in the core pulls	**103330**

M12

PROCESSING	EXPLANATION	ART. NO.
M16 / -	**1x** M16 thread, **unilateral** in one core pull	**103400**
M16 / M16	**1x** M16 thread, **bilateral** in one core pull	**103405**
M16= / -	**2x** M16 threads, **unilateral** in the core pulls	**103415**
M16= / M16=	**2x** M16 threads, **bilateral** in the core pulls	**103410**
M16# / -	**4x** M16 threads, **unilateral** in the core pulls	**103417**
M16# / M16#	**4x** M16 threads, **bilateral** in the core pulls	**103418**

M16

D4.5

PROCESSING	EXPLANATION [CENTRAL SCREWS]	ART. NO.
D4.5 / -	1x hole Ø4.5, **unilateral,** in the profile at **a spacing of 10 mm.**	102170
D4.5 / D4.5	1x hole Ø4.5, **bilateral,** in the profile at **a spacing of 10 mm.**	102172
D4.5V / -	1x hole Ø4.5, **unilateral,** in the profile (through the long profile side (vertical)) at **a spacing of 10 mm.**	102171
D4.5 / D4.5V	1x hole Ø4.5, **bilateral,** in the profile at **a spacing of 10 mm** unilaterally offset by 90°.	102175
D4.5V / D4.5V	1x hole Ø4.5, **bilateral,** in the profile (through the long profile side (vertical)) at **a spacing of 10 mm.**	102176
D4.5+ / -	2x holes Ø4.5, **unilateral,** in the profile (cross hole +) at **a spacing of 10 mm.**	102185
D4.5+ / D4.5+	2x holes Ø4.5, **bilateral,** in the profile (cross hole +) at **a spacing of 10 mm.**	102187
D4.5= / -	2x holes Ø4.5, **unilateral** in both profile slots at **a spacing of 10 mm.**	102177
D4.5= / D4.5=	2x holes Ø4.5, **bilateral** in both profile slots at **a spacing of 10 mm.**	102180
D4.5# / -	4x hole Ø4.5, **unilateral** in both profile slots at **spacings of 10 mm and 30 mm.**	102190
D4.5# / D4.5#	4x hole Ø4.5, **bilateral** in both profile slots at **spacings of 10 mm and 30 mm.**	102192
D4.5#/D4.5V#	4x hole Ø4.5, **bilateral** in both profile slots at **spacings of 10 mm and 30 mm** unilateral (offset by 90°).	102195

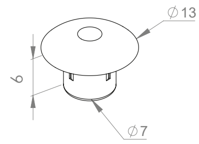
D5.8

PROCESSING	EXPLANATION [CENTRAL SCREWS]	ART. NO.
D5.8 / -	1x hole Ø5.8, **unilateral,** in the profile at **a spacing of 15 mm.**	102096
D5.8 / D5.8	1x hole Ø5.8, **bilateral,** in the profile at **a spacing of 15 mm.**	102097
D5.8V / -	1x hole Ø5.8, **unilateral,** in the profile (through the long profile side (vertical)) at **a spacing of 15 mm.**	102101
D5.8 / D5.8V	1x hole Ø5.8, **bilateral,** in the profile at **a spacing of 15 mm** unilaterally offset by 90°.	102093
D5.8V / D5.8V	1x hole Ø5.8, **bilateral,** in the profile (through the long profile side (Vertical)) at **a spacing of 15 mm.**	102102
D5.8+ / -	2x holes Ø5.8, **unilateral,** in the profile, (cross hole +) at **a spacing of 15 mm.**	102095
D5.8+ / D5.8+	2x holes Ø5.8, **bilateral,** in the profile (cross hole +) at **a spacing of 15 mm.**	102094
D5.8= / -	2x holes Ø5.8, **unilateral** in both profile slots at **a spacing of 15 mm.**	102092
D5.8= / D5.8=	2x holes Ø5.8, **bilateral** in both profile slots at **a spacing of 15 mm.**	102098
D5.8=+ / -	4x holes Ø5.8, **unilateral,** in the profile (cross hole +) at **a spacing of 15 mm.**	102103
D5.8=+/D5.8=+	4x holes Ø5.8, **bilateral,** in the profile (cross hole +) at **a spacing of 15 mm.**	102088
D5.8# / -	4x hole Ø5.8, **unilateral** in both profile slots at **spacings of 15 mm and 45 mm.**	102112
D5.8# / D5.8#	4x hole Ø5.8, **bilateral** in both profile slots at **spacings of 15 mm and 45 mm.**	102113
D5.8#/D5.8V#	4x hole Ø5.8, **bilateral** in both profile slots at **spacings of 15 mm and 45 mm** unilateral (offset by 90°).	102114

D7

PROCESSING	EXPLANATION [CENTRAL SCREWS]	ART. NO.
D7 / -	1x hole Ø7, **unilateral,** in the profile at **a spacing of 20 mm.**	102350
D7 / D7	1x hole Ø7, **bilateral,** in the profile at **a spacing of 20 mm.**	102351
D7V / -	1x hole Ø7, **unilateral,** in the profile (through the long profile side (vertical)) at **a spacing of 20 mm.**	102356
D7 / D7V	1x hole Ø7, **bilateral,** in the profile at **a spacing of 20 mm** unilateral (offset by 90°).	102359
D7V / D7V	1x hole Ø7, **bilateral,** in the profile (through the long profile side (ertical)) at **a spacing of 20 mm.**	102357
D7+ / -	2x holes Ø7, **unilateral,** in the profile (cross hole +) at **a spacing of 20 mm.**	102115
D7+ / D7+	2x holes Ø7, **bilateral,** in the profile (cross hole +) at **a spacing of 20 mm.**	102117
D7= / -	2x holes Ø7, **unilateral** in both profile slots at **a spacing of 20 mm.**	102120
D7= / D7=	2x holes Ø7, **bilateral** in both profile slots at **a spacing of 20 mm.**	102130
D7=+ / -	4x holes Ø7, **unilateral,** in the profile (cross hole +) at **a spacing of 20 mm.**	102137
D7=+ / D7=+	4x holes Ø7, **bilateral,** in the profile (cross hole +) at **a spacing of 20 mm.**	102140
D7# / -	4x hole Ø7, **unilateral** in both profile slots at **spacings of 20 mm and 60 mm.**	102360
D7# / D7#	4x hole Ø7, **bilateral** in both profile slots at **spacings of 20 mm and 60 mm.**	102365
D7# / D7V#	4x hole Ø7, **bilateral** in both profile slots at **spacings of 20 mm and 60 mm** unilateral (offset by 90°).	102367

Description	Art. no.:
Cover cap D7, grey	99900308
Cover cap D7, black	99900309



D9.8

PROCESSING	EXPLANATION [CENTRAL SCREWS]	ART. NO.
D9.8 / -	**1x** hole Ø9.8, **unilateral**, in the profile at **a spacing of 22.5 mm**.	**102300**
D9.8 / D9.8	**1x** hole Ø9.8, **bilateral**, in the profile at **a spacing of 22.5 mm**.	**102305**
D9.8V / -	**1x** hole Ø9.8, **unilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 22.5 mm**.	**102301**
D9.8 / D9.8V	**1x** hole Ø9.8, **bilateral**, in the profile at **a spacing of 22.5 mm**, unilateral (offset by 90°).	**102310**
D9.8V / D9.8V	**1x** hole Ø9.8, **bilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 22.5 mm**.	**102302**
D9.8+ / -	**2x** holes Ø9.8, **unilateral**, in the profile (cross hole +) at **a spacing of 22.5 mm**.	**102315**
D9.8+ / D9.8+	**2x** holes Ø9.8, **bilateral**, in the profile (cross hole +) at **a spacing of 22.5 mm**.	**102325**
D9.8= / -	**2x** holes Ø9.8, **unilateral** in both profile slots at **a spacing of 22.5 mm**.	**102340**
D9.8= / D9.8=	**2x** holes Ø9.8, **bilateral** in both profile slots at **a spacing of 22.5 mm**.	**102320**
D9.8=+ / -	**4x** holes Ø9.8, **unilateral**, in the profile (cross hole +) at **a spacing of 22.5 mm**.	**102317**
D9.8=+ / D9.8=+	**4x** holes Ø9.8, **bilateral**, in the profile (cross hole +) at **a spacing of 22.5 mm**.	**102323**
D9.8# / -	**4x** hole Ø9.8, **unilateral** in both profile slots at **spacings of 22.5 mm and 67.5 mm**.	**102337**
D9.8# / D9.8#	**4x** hole Ø9.8, **bilateral** in both profile slots at **spacings of 22.5 mm and 67.5 mm**.	**102335**
D9.8# / D9.8V#	**4x** hole Ø9.8, **bilateral** in both profile slots at **spacings of 22.5 mm and 67.5 mm** (unilaterally offset by 90°).	**102338**

D11

PROCESSING	EXPLANATION [BOLT CONNECTORS]	ART. NO.
D11 / -	**1x** hole Ø11, **unilateral**, in the profile at **a spacing of 18 mm**.	**102400**
D11 / D11	**1x** hole Ø11, **bilateral**, in the profile at **a spacing of 18 mm**.	**102405**
D11 / D11V	**1x** hole Ø11, **bilateral**, in the profile at **a spacing of 18 mm** (unilaterally offset by 90°).	**102425**
D11V / -	**1x** hole Ø11, **unilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 18 mm**.	**102420**
D11V / D11V	**1x** hole Ø11, **bilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 18 mm**.	**102430**
D11= / -	**2x** holes Ø11, **unilateral** in both profile slots at **a spacing of 18 mm**.	**102410**
D11= / D11=	**2x** holes Ø11, **bilateral** in both profile slots at **a spacing of 18 mm**.	**102415**

D14

PROCESSING	EXPLANATION [BOLT CONNECTORS]	ART. NO.
D14 / -	**1x** hole Ø14, **unilateral**, in the profile at **a spacing of 20 mm**.	**102450**
D14 / D14	**1x** hole Ø14, **bilateral**, in the profile at **a spacing of 20 mm**.	**102455**
D14 / D14V	**1x** hole Ø14, **bilateral**, in the profile at **a spacing of 20 mm** (unilaterally offset by 90°).	**102475**
D14V /	**1x** hole Ø14, **unilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 20 mm**.	**102470**
D14V / D14V	**1x** hole Ø14, **bilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 20 mm**.	**102480**
D14= / -	**2x** holes Ø14, **unilateral** in both profile slots at **a spacing of 20 mm**.	**102460**
D14= / D14=	**2x** holes Ø14, **bilateral** in both profile slots at **a spacing of 20 mm**.	**102465**
D14= / D14V=	**2x** holes Ø14, **bilateral** in both profile slots at **a spacing of 20 mm** (unilaterally offset by 90°).	**102467**

D17

PROCESSING	EXPLANATION [BOLT CONNECTORS]	
D17 / -	**1x** hole Ø17, **unilateral**, in the profile at **a spacing of 22.5 mm**.	**102500**
D17 / D17	**1x** hole Ø17, **bilateral**, in the profile at **a spacing of 22.5 mm**.	**102505**
D17 / D17V	**1x** hole Ø17, **bilateral**, in the profile at **a spacing of 22.5 mm** (unilaterally offset by 90°).	**102515**
D17V / -	**1x** hole Ø17, **unilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 22.5 mm**.	**102510**
D17V / D17V	**1x** hole Ø17, **bilateral**, in the profile (through the long profile side (vertical)) at **a spacing of 22.5 mm**.	**102540**
D17= / -	**2x** holes Ø17, **unilateral** in both profile slots at **a spacing of 22.5 mm**.	**102520**
D17= / D17=	**2x** holes Ø17, **bilateral** in both profile slots at **a spacing of 22.5 mm**.	**102525**
D17= / D17V=	**2x** holes Ø17, **bilateral** in both profile slots at **a spacing of 22.5 mm**, unilateral (offset by 90°).	**102530**

D12 Uni

PROCESSING	EXPLANATION [UNIVERSAL CONNECTORS]	ART. NO.
D12(Uni) / -	**1x** hole Ø12 x 8.5 mm (depth), **unilateral**, in the profile at **a spacing of 10.2 mm**.	102440
D12(Uni) / D12(Uni)	**1x** hole Ø12 x 8.5 mm (depth), **bilateral**, in the profile at **a spacing of 10.2 mm**.	102441
D12(Uni) / D12V(Uni)	**1x** hole Ø12 x 8.5 mm (depth), **bilateral**, in the profile at **a spacing of 10.2 mm** (unilaterally offset by 90°).	102452
D12=(Uni) / -	**2x** holes Ø12 x 8.5 mm (depth), **unilateral**, in the profile at **a spacing of 10.2 mm**.	102439
D12=(Uni) / D12=(Uni)	**2x** holes Ø12 x 8.5 mm (depth), **bilateral**, in the profile at **a spacing of 10.2 mm**.	102442
D12=(Uni) / D12V=(Uni)	**2x** holes Ø12 x 8.5 mm (depth), **bilateral**, in the profile at **a spacing of 10.2 mm** (unilaterally offset by 90°).	102443

D16 Uni

PROCESSING	EXPLANATION [UNIVERSAL CONNECTORS]	ART. NO.
D16(Uni) / -	**1x** hole Ø16 x 12.7 mm (depth), **unilateral**, in the profile at **a spacing of 15 mm**.	1020411
D16(Uni) / D16(Uni)	**1x** hole Ø16 x 12.7 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm**.	1020405
D16(Uni) / D16V(Uni)	**1x** hole Ø16 x 12.7 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm** (unilaterally offset by 90°).	1020410
D16=(Uni) / -	**2x** holes Ø16 x 12.7 mm (depth), **unilateral**, in the profile at **a spacing of 15 mm**.	1020403
D16=(Uni) / D16=(Uni)	**2x** holes Ø16 x 12.7 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm**.	1020406
D16=(Uni) / D16V=(Uni)	**2x** holes Ø16 x 12.7 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm** (unilaterally offset by 90°).	1020401
D16#(Uni) / -	**4x** holes Ø16 x 12.7 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm**.	1020402
D16#(Uni) / D16#(Uni)	**4x** holes Ø16 x 12.7 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm**.	1020407

D20 Uni

PROCESSING	EXPLANATION [UNIVERSAL CONNECTORS]	ART. NO.
D20(Uni) / -	**1x** hole Ø20 x 16 mm (depth), **unilateral**, in the profile at **a spacing of 21 mm**.	1020301
D20(Uni) / D20(Uni)	**1x** hole Ø20 x 16 mm (depth), **bilateral**, in the profile at **a spacing of 21 mm**.	1020302
D20(Uni) / D20V(Uni)	**1x** hole Ø20 x 16 mm (depth), **bilateral**, in the profile at **a spacing of 21 mm** (unilaterally offset by 90°).	1020313
D20=(Uni) / -	**2x** holes Ø20 x 16 mm (depth), **unilateral**, in the profile at **a spacing of 21 mm**.	1020314
D20=(Uni) / D20=(Uni)	**2x** holes Ø20 x 16 mm (depth), **bilateral**, in the profile at **a spacing of 21 mm**.	1020310
D20=(Uni) / D20V=(Uni)	**2x** holes Ø20 x 16 mm (depth), **bilateral**, in the profile at **a spacing of 21 mm** (unilaterally offset by 90°).	1020318
D20#(Uni) / -	**4x** holes Ø20 x 16 mm (depth), **bilateral**, in the profile at **a spacing of 21 mm**.	1020317
D20#(Uni) / D20#(Uni)	**4x** holes Ø20 x 16 mm (depth), **bilateral**, in the profile at **a spacing of 21 mm**.	10203010
D20#(Uni) / D20V#(Uni)	**4x** holes Ø20 x 16 mm (depth), **unilateral**, in the profile at **a spacing of 21 mm** (unilaterally offset by 90°).	10203012

D11 SSV

PROCESSING	EXPLANATION [QUICK CONNECTORS]	ART. NO.
D11(SSV) / -	**1x** hole Ø11 x 23 mm (depth), **unilateral**, in the profile at a spacing of 18 mm.	**102370**
D11(SSV) / D11(SSV)	**1x** hole Ø11 x 23 mm (depth), **unilateral**, in the profile at a spacing of 18 mm.	**102372**
D11(SSVb) / -	**1x** hole Ø11 x 23 mm (depth), **unilateral** in profile. The spacing is derived from the **mitre angle** of the saw cut	**102371**
D11(SSVb) / D11(SSVb)	**1x** hole Ø11 x 23 mm (depth), **bilateral**, in profile. The spacing is derived from the **mitre angle** of the saw cut.	**102373**
D11=(SSV) / -	**2x** holes Ø11 x 23 mm (depth), **unilateral**, in the profile at a spacing of 18 mm.	**102376**
D11=(SSV) / D11=(SSV)	**2x** holes Ø11 x 23 mm (depth), **bilateral**, in the profile at a spacing of 18 mm.	**102378**
D11=(SSVb) / -	**2x** hole Ø11 x 23 mm (depth), **unilateral**, in the profile. The spacing is derived from the **mitre angle** of the saw cut.	**102377**
D11=(SSVb) /D11=(SSVb)	**2x** hole Ø11 x 23 mm (depth), **bilateral**, in the profile. The spacing is derived from the **mitre angle** of the saw cut.	**102379**

D12-15 SSV

PROCESSING	EXPLANATION [QUICK CONNECTORS]	ART. NO.
D12-15 (SSV with VS) / –	**1x** hole Ø12 x 22 mm (depth), **unilateral**, in the profile at **a spacing of 15 mm.**	**102445**
D12-15 (SSV with VS) / D12-15 (SSV with VS)	**1x** hole Ø12 x 22 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm**.	**102446**
D12-15 (SSV with VS) / D12-15V (SSV with VS)	**1x** hole Ø12 x 22 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm**.	**102449**
D12=-15 (SSV with VS)/ –	**2x** holes Ø12 x 22 mm (depth), **unilateral**, in the profile at **a spacing of 15 mm**.	**102447**
D12=-15 (SSV with VS) / D12=-15V (SSV with VS)	**1x** hole Ø12 x 22 mm (depth), **bilateral**, in the profile at **a spacing of 15 mm**.	**102448**

D17 SSV

PROCESSING	EXPLANATION [QUICK CONNECTORS]	ART. NO.
D17(SSV) / -	**1x** hole Ø17 x 35 mm (depth), **unilateral**, in the profile at **a spacing of 22.5 mm**.	**102380**
D17(SSV) / D17(SSV)	**1x** hole Ø17 x 35 mm (depth), **bilateral**, in the profile at **a spacing of 22.5 mm**.	**102382**
D17(SSV) / D17V(SSV)	**1x** hole Ø17 x 35 mm (depth), **bilateral**, in the profile at **a spacing of 22.5 mm,** (offset by 90° on one side)	**102384**
D17(SSVb) / -	**1x** hole Ø17 x 35 mm (depth), **unilateral**, in the profile. The spacing is derived from the **mitre angle** of the saw cut.	**102381**
D17(SSVb) / D17(SSVb)	**1x** hole Ø11 x 35 mm (depth), **bilateral**, in the profile. The spacing is derived from the **mitre angle** of the saw cut.	**102383**
D17=(SSV) / -	**2x** holes Ø17 x 35 mm (depth), **bilateral**, in the profile at **a spacing of 22.5 mm**.	**102386**
D17=(SSV) / D17=(SSV)	**2x** holes Ø17 x 35 mm (depth), **bilateral**, in the profile at **a spacing of 22.5 mm**.	**102388**
D17=(SSVb) / -	**2x** hole Ø17 x 35 mm (depth), **unilateral**, in the profile. The spacing is derived from the **mitre angle** of the saw cut.	**102387**
D17=(SSVb) / D17=(SSVb)	**2x** hole Ø17 x 35 mm (depth), **bilateral**, in the profile. The spacing is derived from the **mitre angle** of the saw cut.	**102389**

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

......................Components for series 40 i and 45 B

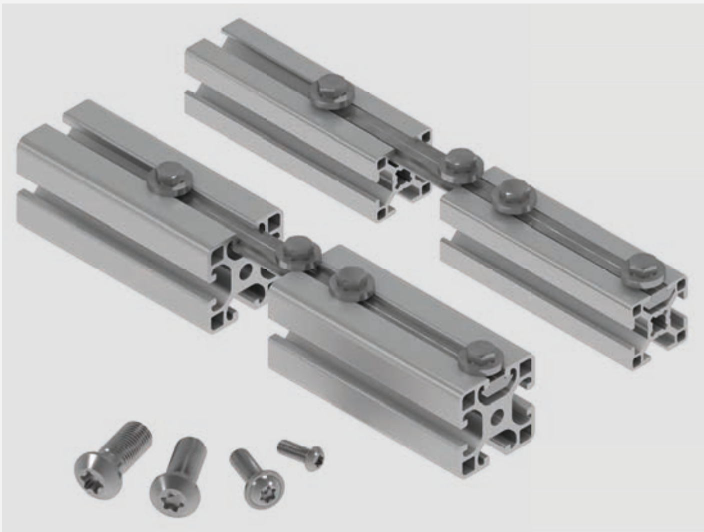
......................Slot specifications


......................ESD symbol for products that are electrostatically dissipative

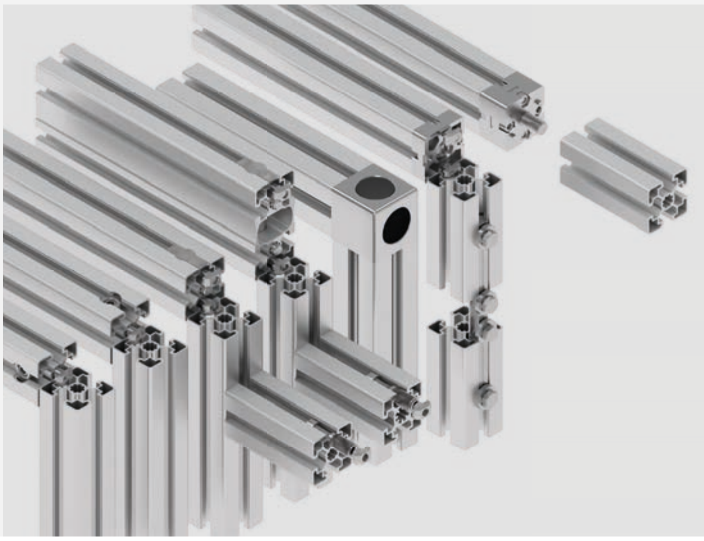

......................Pages showing product overviews

JOINING TECHNOLOGY SERIES 40 i ....From page 234

JOINING TECHNOLOGY SERIES 40 i / 45 B.......From page 244



JOINING TECHNOLOGY SERIES 45 B ....From page 248



5 6 8 12

SCREW-IN CONNECTOR SET

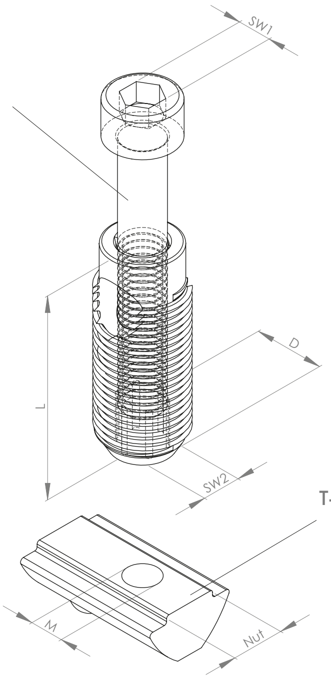
For connecting two profiles at a 90° angle.

1x screw-in connector sleeve (self-tapping)

1x screw, cylinder head

1x swivelling T-slot nut with ball and bar

Screw, cylinder head



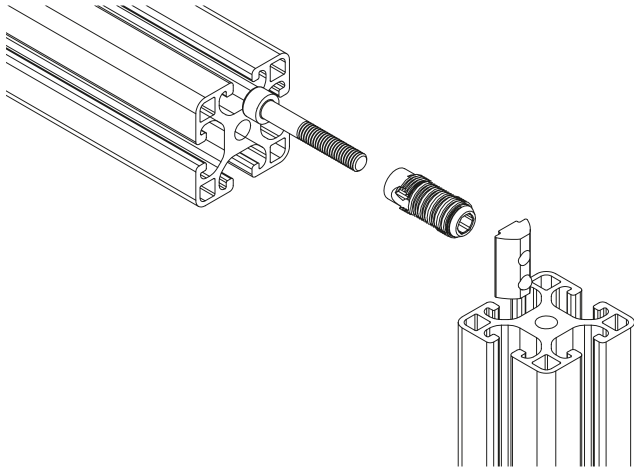
T-slot nut, swivelling with ball and bar

Sleeve with left-hand thread

Special screws for ensuring insertion into slot

No profile processing required

Available in ESD variants



Description	Slot	Screw	D (Ø)	L (mm)	SW1 (mm)	SW2 (mm)	Material	Weight (g)	ESD	Art. no.:
Screw-in connector set 5, unilateral	**5**	M4x30	7	24	3	4	Steel, zinc-plated	-	-	**390003**
Screw-in connector set 5, unilateral, stainless	**5**	M4x30	7	24	3	5	Stainless steel	-	-	**390003VA**
Screw-in connector set 6, unilateral	**6**	M5x29	10	20.1	4	5	Steel, zinc-plated	-	-	**390006**
Screw-in connector set 8, unilateral	**8**	M6x40	12	31	5	6	Steel, zinc-plated	-	-	**390012**
Screw-in connector set 8, unilateral, stainless	**8**	M6x40	12	31	5	6	Stainless steel	-	-	**390012VA**
Screw-in connector set 8, unilateral, with T-slot nut with ESD notch	**8**	M6x40	12	31	5	6	Steel, zinc-plated	-		**390017**
Screw-in connector set 12, unilateral	**12**	M8x60	18	47	6	8	Steel, zinc-plated	-	-	**390023**

Accessories	Slot	Material	Weight	ESD	Art. no.:
Cover cap for screw-in connector	**8**	PA plastic, black	-	-	**390014**
Cover cap for screw-in connector	**8**	PA plastic, grey (similar to RAL 7042)	-	-	**390022**

5 6 8

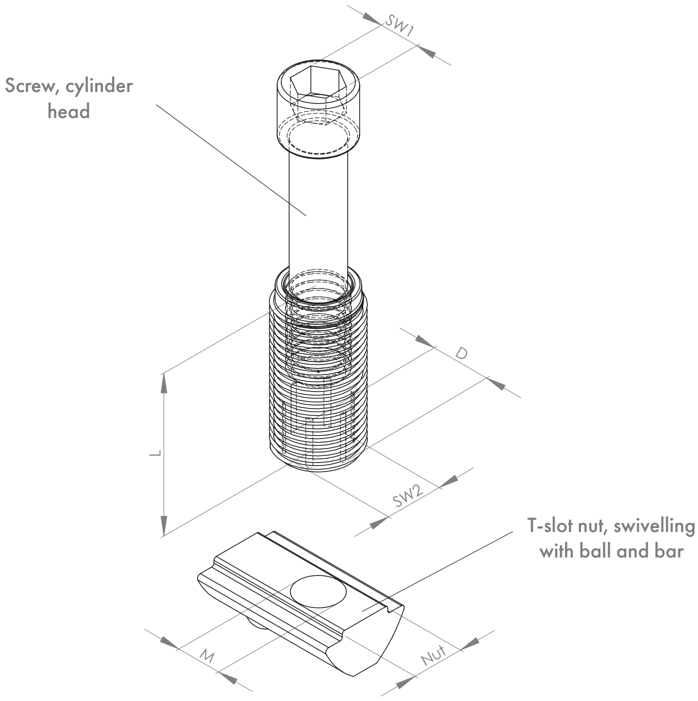
FORM CONNECTOR SET

For connecting two profiles at a 90° angle.

1x form connector sleeve (self-tapping)

1x screw, cylinder head

1x swivelling T-slot nut with ball and bar

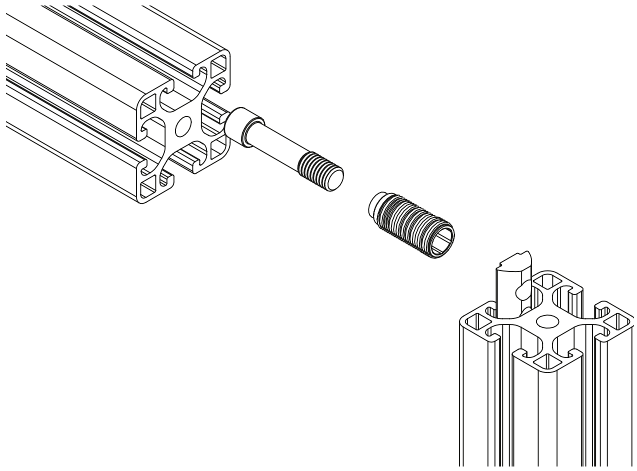


Sleeve with right-hand thread

Special screws for ensuring insertion into slot

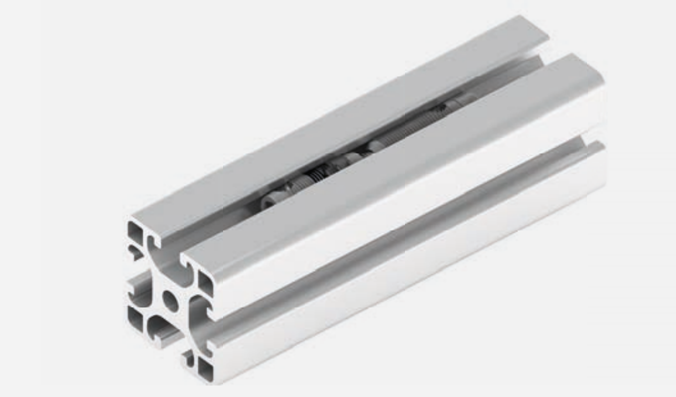
No profile processing required

Available in ESD variants



Description	Slot	Screw	D (Ø)	L (mm)	SW1 (mm)	SW2 (mm)	Material	Weight (g)	ESD	Art. no.:
Form connector set 5, unilateral	**5**	M4x30	7	26.2	3	4	Steel, zinc-plated	-	-	**390002**
Form connector set 5, unilateral, stainless	**5**	M4x30	7	26.2	3	4	Stainless steel	-	-	**390002VA**
Form connector set 6, unilateral	**6**	M6x29	10	20.1	5	5	Steel, zinc-plated	-	-	**390004**
Form connector set 8, unilateral	**8**	M8x35	12	24.2	6	8	Steel, zinc-plated	-	-	**390010**
Form connector set 8, unilateral, stainless	**8**	M8x35	12	24.2	6	8	Stainless steel	-	-	**99900385**
Form connector set 8, unilateral, with T-slot nut with ESD notch	**8**	M8x35	12	24.2	6	8	Steel, zinc-plated	-		**390020**

Accessories	Slot	Material	Weight	ESD	Art. no.:
Cover plate for form connector 8, stainless steel	**8**	Stainless steel	-	-	**390011**
				-	



6 8

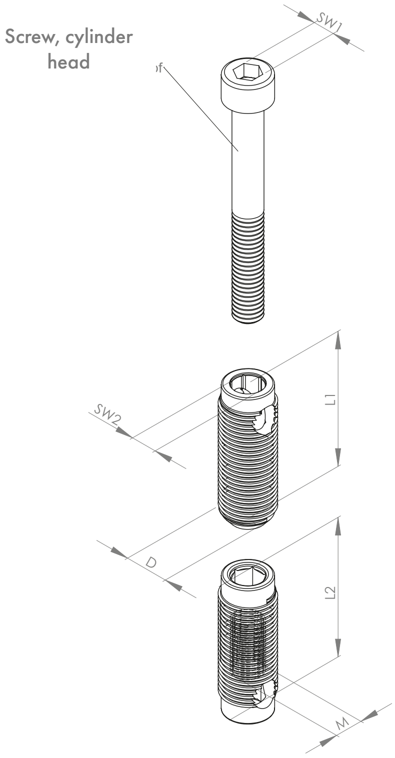
SCREW-IN JOINT CONNECTOR SETS

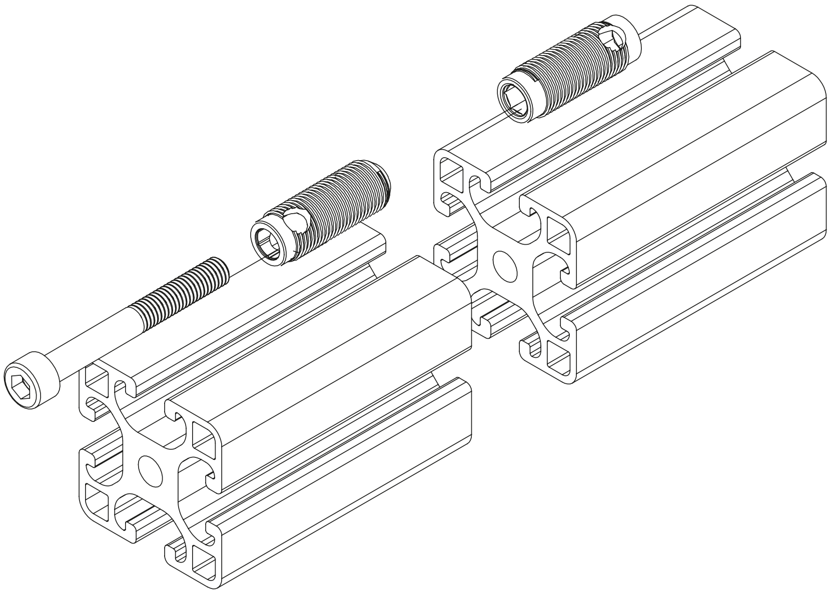
For connecting two profiles end to end.

Sleeves with left-hand thread

Special screws for ensuring insertion into slot

No profile processing required





Description	Slot	Screw	D (Ø)	L1 (mm)	L2 (mm)	SW1 (mm)	SW2 (mm)	Material	Version	Weight (g)	ESD	Art. no.:
Screw-in joint connector set 6, unilateral	**6**	M5x45	10	27	28	4	5	Steel, zinc-plated	Fastening kit *	-		**390027**
Screw-in joint connector set 6, unilateral, stainless	**6**	M5x45	10	27	28	4	5	Stainless steel	Fastening kit *	-		**390027VA**
Screw-in joint connector set 8, unilateral	**8**	M6x50	12	31	31	5	6	Steel, zinc-plated	Fastening kit *	-		**390028**
Screw-in joint connector set 8, unilateral, stainless	**8**	M6x50	12	31	31	5	6	Stainless steel	Fastening kit *	-		**390028VA**

Fastening kit: *
1x screw-in connector sleeve (self-tapping)
1x threaded sleeve (self-tapping)
1x screw, cylinder head

8

FORM JOINT CONNECTOR SETS

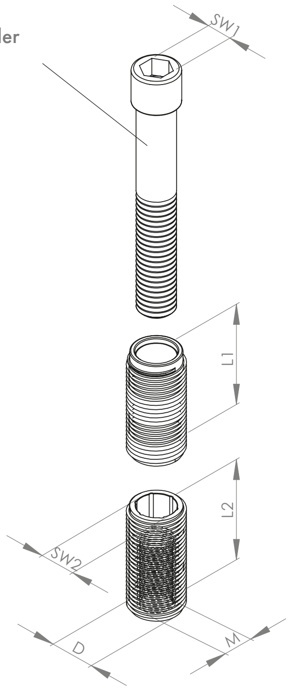
For connecting two profiles end to end.

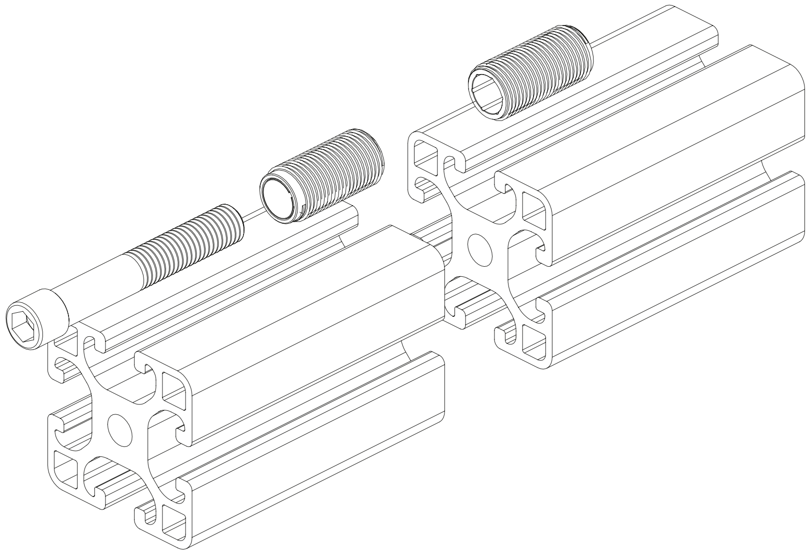
Sleeves with right-hand thread (external thread)

Special screws for ensuring insertion into slot

No profile processing required

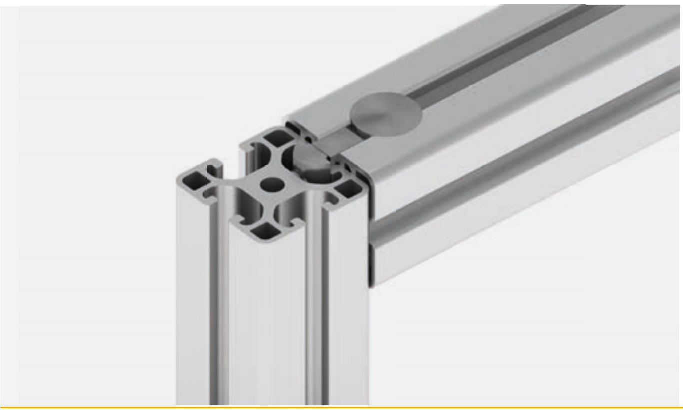
Screw, cylinder head





Description	Slot	Screw	D (Ø)	L1 (mm)	L2 (mm)	SW1 (mm)	SW2 (mm)	Thread (M)	Material	Version	Weight (g)	ESD	Art. no.:
Form joint-connector set 8	**8**	M8x50	10	24	24	6	8	M8	Steel, zinc-plated	Fastening kit *	43.0		**390025**

Fastening kit: *
1x form connector sleeve (self-tapping)
1x threaded sleeve (self-tapping)
1x screw, cylinder head

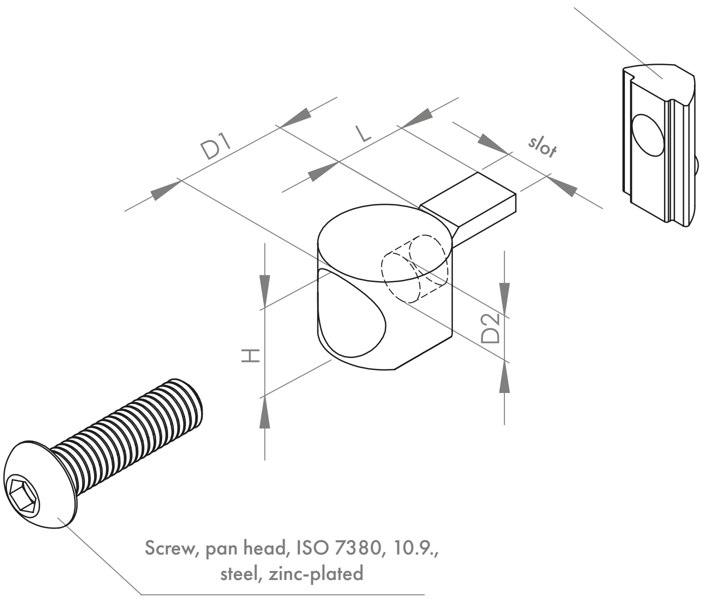


5 6 8

UNI FASTENING SETS

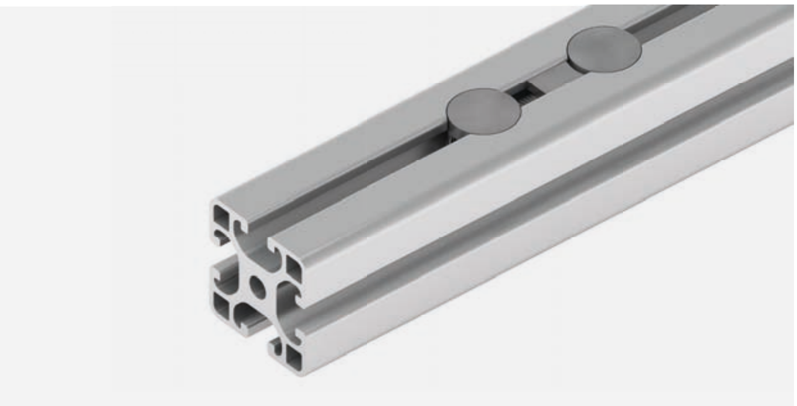
For connecting two profiles at a 90° angle.

The processing options required to assemble the items can be found on pages 223-231



Description	Slot	L (mm)	H (mm)	D1 (mm)	D2 (mm)	Version	Weight (g)	ESD	Art. no.:
Uni fastening set 5	**5**	5.2	8.5	12	4.5	Fastening kit*	7.6	-	**371005**
Uni fastening set 6	**6**	9.2	12.6	16	6.2	Fastening kit**	17.5	-	**371010**
Uni fastening set 8	**8**	13.5	16	20	8.1	Fastening kit***	39.4	-	**371020**
Uni fastening set 8	**8**	13.5	16	20	8.1	Fastening kit***	39.4	ESD	**371021**

Fastening kit:*	**Fastening kit:****	**Fastening kit*****
1x universal connectors 5, die-cast zinc	1x universal connectors 6, die-cast zinc	1x universal connectors 8, die-cast zinc
1x screw, cylinder head, DIN 912, M4x14, 8.8, steel, zinc-plated	1x screw, pan head, ISO 7380, M6x22, 10.9, steel, zinc-plated	1x screw, pan head, ISO 7380, M8x30, 10.9, steel, zinc-plated
1x swivelling T-slot nut 5 M5 with ball and bar, steel, zinc-plated	1x swivelling T-slot nut 6 M6 with ball without bar, steel, zinc-plated	1x swivelling T-slot nut 8 M8 with ball and bar, steel, zinc-plated (with ESD notch 371021)

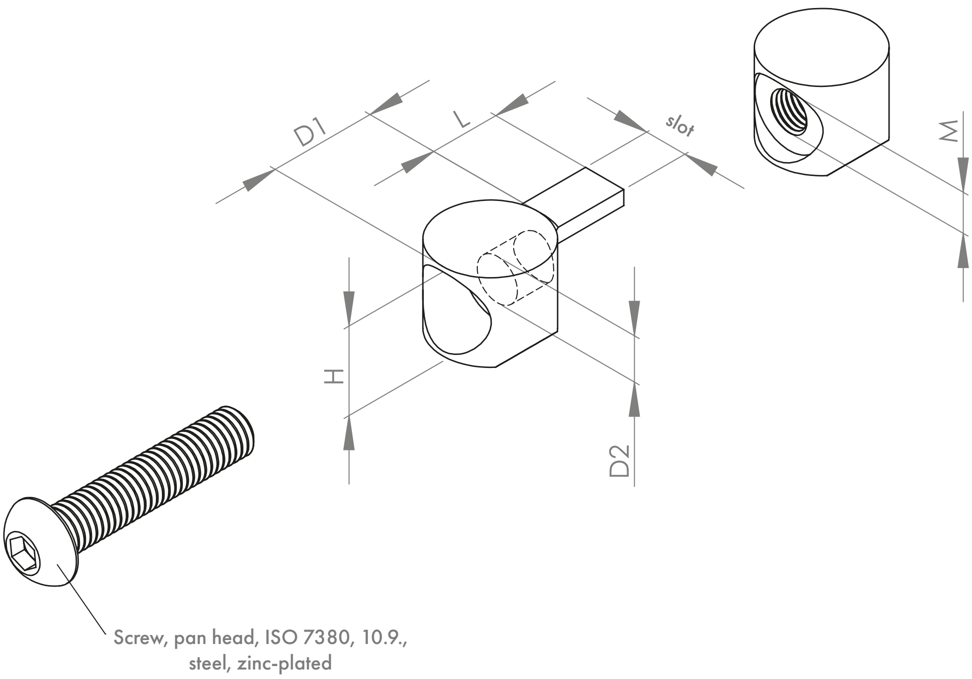


8

UNI-BUTT FASTENING SET

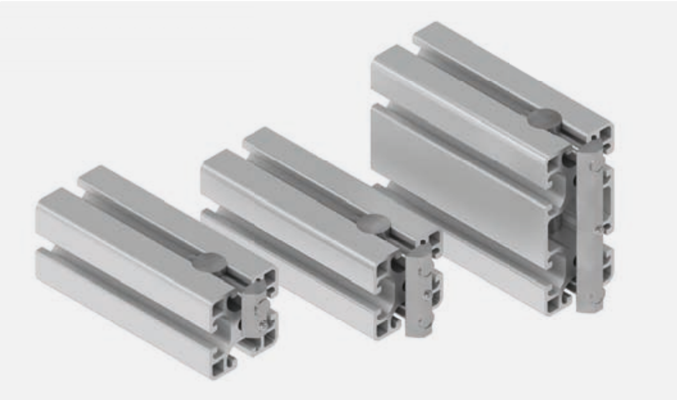
For connecting two profiles (end to end).

The processing options required to assemble the items can be found on pages 223-231



Description	Slot	L1 (mm)	H (mm)	D1 (mm)	D2 (mm)	Version	Weight (g)	ESD	Art. no.:
Uni-butt fastening set	8	13.5	16	20	8.1	Fastening kit*	39.4		**371030**

Fastening kit: *
1x universal connector 8, die-cast zinc
1x universal connector 8 with thread, die-cast zinc
1x screw, pan head, ISO 7380, M8x45, 10.9, steel, zinc-plated

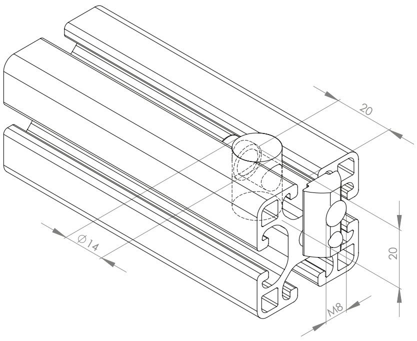


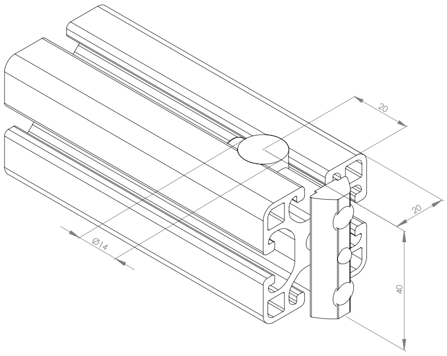
8

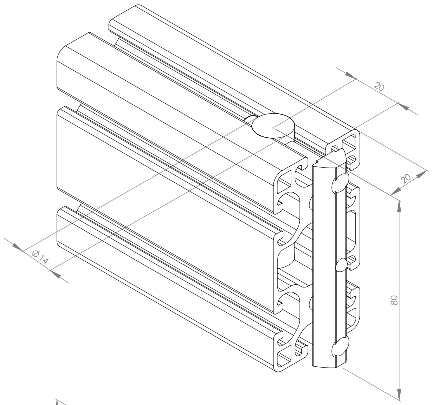
BOLT CONNECTOR 8
Ø14x20 | Ø14x40 | Ø14x80

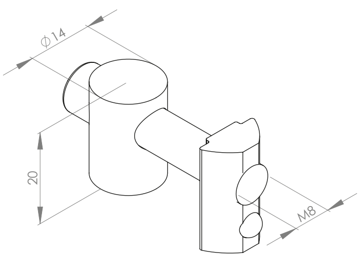
For stable connection of two aluminium profiles at a 90° angle. The item is delivered pre-assembled.

A D14 through hole in the middle of the profile at a spacing of 20 mm is required to mount this item.

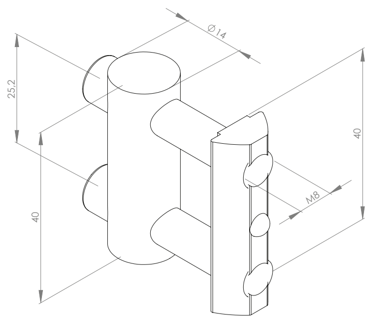




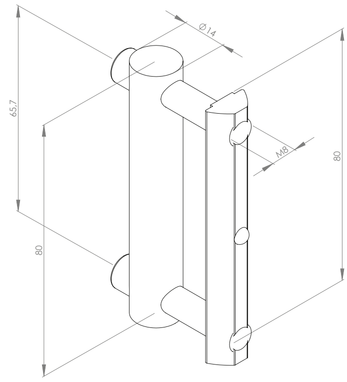




360005



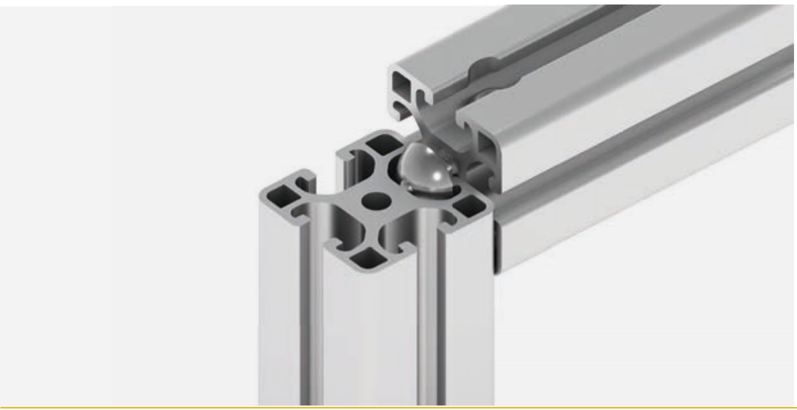
360009



360019

Description	Slot	Length (mm)	Version	Weight (g)	ESD	Art. no.:
Bolt connector 8, Ø14x20	**8**	20	Fastening kit*	41.3		**360005**
Bolt connector 8, Ø14x40	**8**	40	Fastening kit**	79.0		**360009**
Bolt connector 8, Ø14x80	**8**	80	Fastening kit***	149.5		**360019**

Fastening kit:*	**Fastening kit:****	**Fastening kit:*****
1x bolt Ø14x20, steel zinc-plated	1x bolt Ø14x40, steel zinc-plated	1x bolt Ø14x80, steel zinc-plated
1x screw, cylinder head (narrow), M8x35 with long shaft	2x screws, cylinder head (narrow), M8x35 with long shaft	2x screws, cylinder head (narrow), M8x35 with long shaft
1x swivelling T-slot nut 8 2xM8 L=40 mm with ball and bar with ESD notch	1x swivelling T-slot nut 8 2xM8 L=40 mm with ball and bar with ESD notch	1x swivelling T-slot nut 8 2xM8 L=80 mm with ball and bar with ESD notch



8

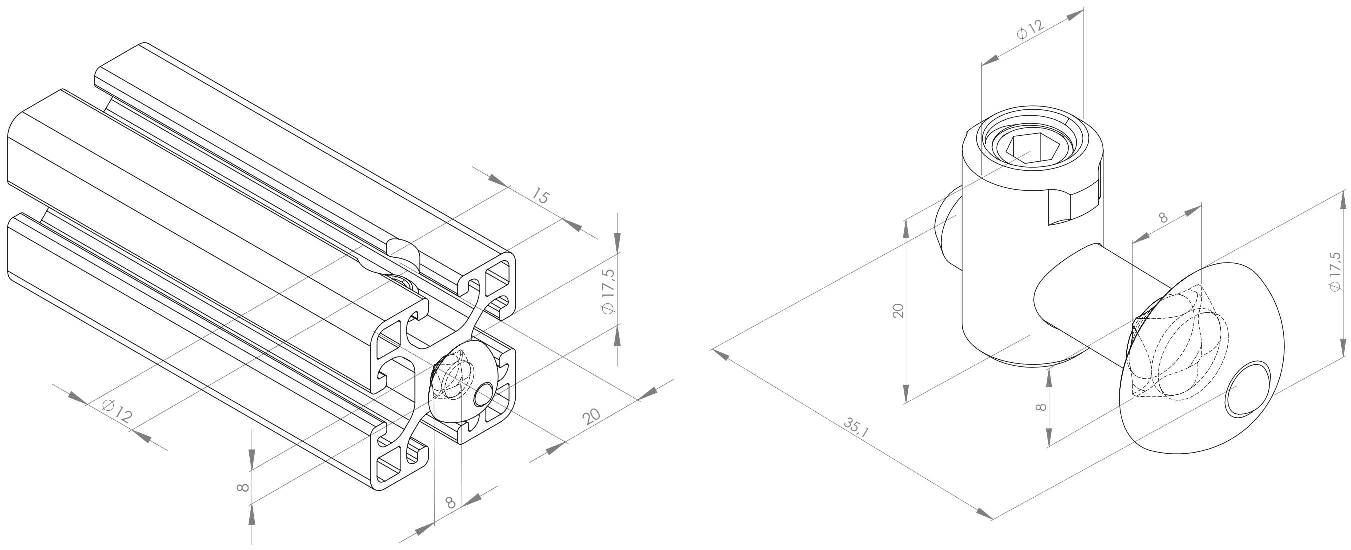
QUICK CONNECTOR WITH ROTATION PREVENTION

Material: Steel, zinc-plated

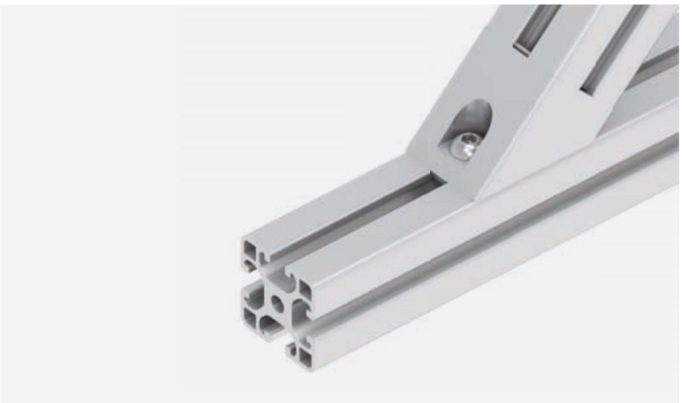
For connecting two profiles at a 90° angle.

A blind hole Ø12x20 in the middle of the profile (20 mm) at a spacing of 15 mm is required to mount this item.

2



Description	Slot	Version	Weight (g)	ESD	Art. no.:
Quick connector with rotation prevention	8	With rotation prevention	23.0	-	**323050**

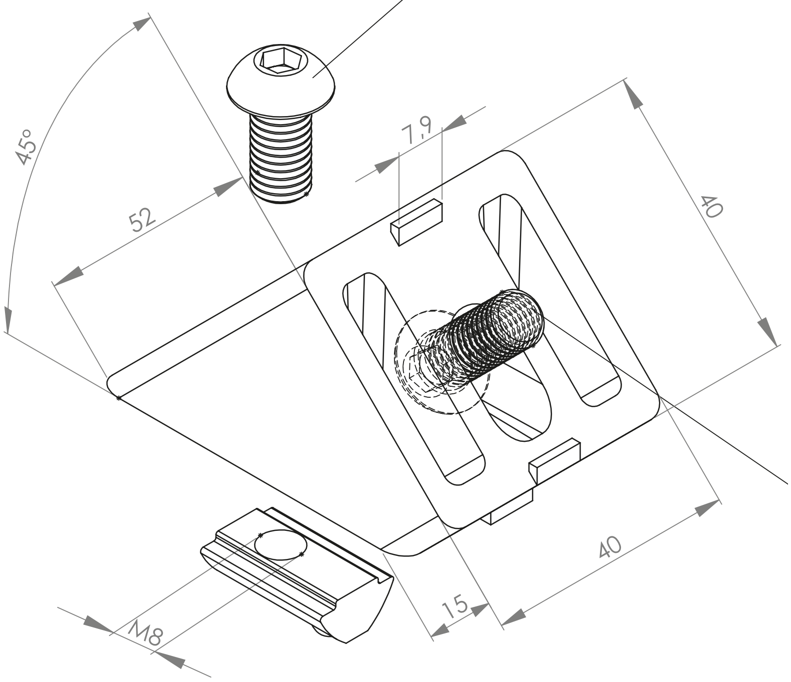


8

45° CONNECTOR 40x40 WITH FASTENING KIT

For connecting two aluminium profiles at a 45° angle. The item is delivered in its constituent parts.

An M8 hole in a profile screwed to the end is required. No additional profile processing is required. Using the 45° connector does not require a mitre cut.



Description	Slot	Thread (M)	Version	Weight (g)	Art. no.:
45° connector 40x40	8	M8	With fastening kit*	29.0	**351300**

Fastening kit:*
1x angle connector 40x40 45°, die-cast zinc (aluminium colour)
1x screw, pan head, ISO 7380, M8x16, 10.9, St zinc-plated
1x screw, pan head, ISO 7380, M8x20, 10.9, St zinc-plated
1x T-slot nuts 8 St M8, zinc-plated

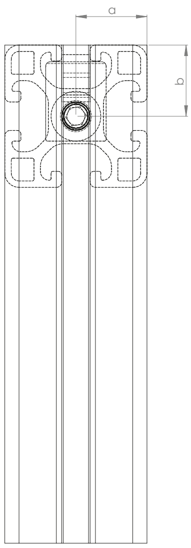
5 6 8

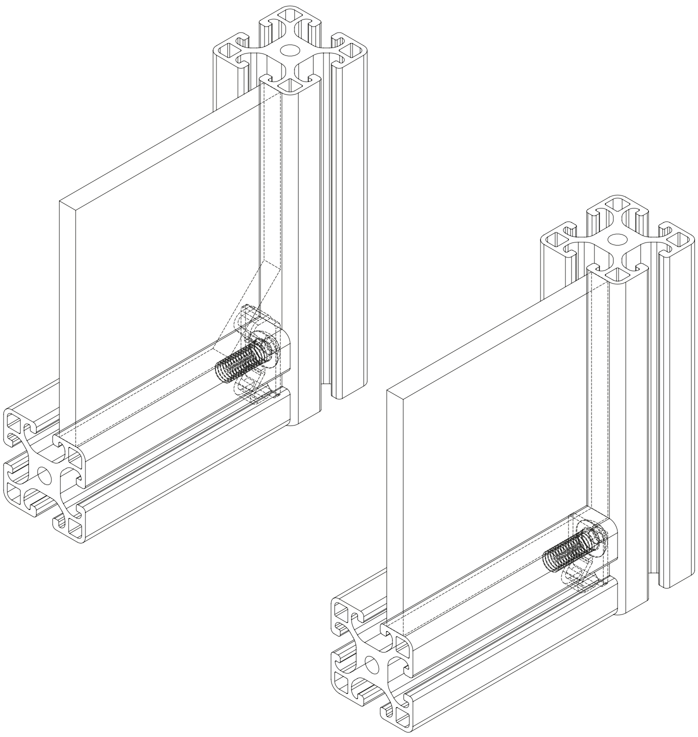
CENTRING PLATE SETS

For connecting two profiles at a 90° angle.

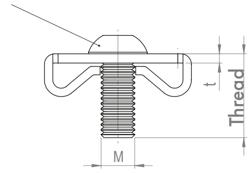
A threaded hole in a profile arranged at the end is required for mounting the item.

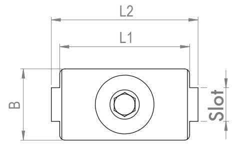
The screw must then be fixed through a further hole (accessible for an Allen key through the screw head) in the upright profile as shown here. See the table for suitable drilling measurements.





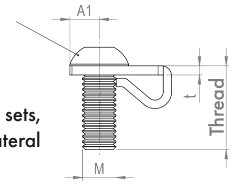
Screw, pan head, ISO 7380

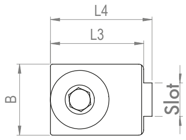




Screw, pan head, ISO 7380

Centring plate sets, unilateral

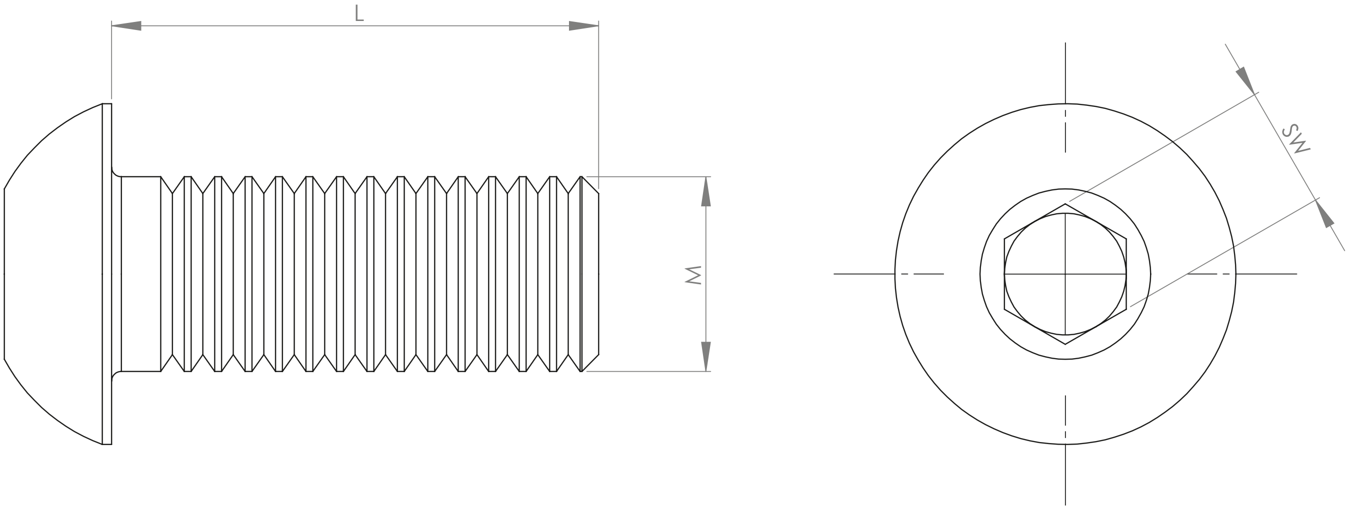




Description	Slot	Thread	a x b	D	L1 (mm)	L2 (mm)	L3 (mm)	L3 (mm)	t (mm)	A1 (mm)	Weight (g)	ESD	Art. no.:
Centring plate set 5	**5**	M5x12	10 | 10	Ø 4.3	16.4	19.9	-	-	1	-	4.0		**380003**
Centring plate set 6	**6**	M6x16	15 | 15	Ø 5.5	21	27.5	-	-	1.8	-	10.1		**380005**
Centring plate set 8	**8**	M8x20	20 | 20	Ø 7.0	31	35	-	-	2.2	-	19.9		**380010**
Centring plate set 8 VA	**8**	M8x20	20 | 20	Ø 7.0	31	35	-	-	2.2	-	18.7		**380012**
Centring plate set 8, unilateral	**8**	M8x20	20 | 20	Ø 7.0	-	-	22.3	24.3	2.2	7	17.6		**380011**

HALF-ROUND SCREWS | ISO 7380 WITH FLANGE

Material: Steel, zinc-plated



M	Description	Thread	SW (mm)	Weight (g)	ESD	Art. no.:
M6 with flange	Screw, pan head with flange similar to ISO 7380	M6x8	4	3.0		**370206**
	Screw, pan head with flange similar to ISO 7380	M6x10	4	3.4		**370207**
	Screw, pan head with flange similar to ISO 7380	M6x12	4	3.7		**370208**
	Screw, pan head with flange similar to ISO 7380	M6x14	4	4.1		**370210**
	Screw, pan head with flange similar to ISO 7380	M6x16	4	4.4		**370220**
	Screw, pan head with flange similar to ISO 7380	M6x18	4	4.7		**370225**
	Screw, pan head with flange similar to ISO 7380	M6x20	4	5.1		**370230**
	Screw, pan head with flange similar to ISO 7380	M6x25	4	6.0		**370240**
M8 with flange	Screw, pan head with flange similar to ISO 7380	M8x12	5	7.8		**370270**
	Screw, pan head with flange similar to ISO 7380	M8x14	5	8.4		**370275**
	Screw, pan head with flange similar to ISO 7380	M8x16	5	8.9		**370280**
	Screw, pan head with flange similar to ISO 7380	M8x18	5	9.7		**370285**
	Screw, pan head with flange similar to ISO 7380	M8x20	5	10.0		**370290**

HALF-ROUND SCREWS | ISO 7380
WITHOUT FLANGE

Material: Steel, zinc-plated

M	Description	Thread	SW (mm)	Weight (g)	ESD	Art. no.:
M4	Screw, pan head, ISO 7380	M4x6	2.5	1.0		**370010**
	Screw, pan head, ISO 7380	M4x8	2.5	1.0		**370020**
	Screw, pan head, ISO 7380	M4x10	2.5	1.3		**370030**
	Screw, pan head, ISO 7380	M4x12	2.5	1.5		**370040**
	Screw, pan head, ISO 7380	M4x16	2.5	1.8		**370050**
	Screw, pan head, ISO 7380	M4x20	2.5	2.2		**370052**
	Screw, pan head, ISO 7380	M4x25	2.5	2.7		**370054**
	Screw, pan head, ISO 7380	M4x30	2.5	2.7		**370056**
M5	Screw, pan head, ISO 7380	M5x8	3	1.8		**370058**
	Screw, pan head, ISO 7380	M5x10	3	2.0		**370060**
	Screw, pan head, ISO 7380	M5x12	3	2.2		**370070**
	Screw, pan head, ISO 7380	M5x14	3	2.6		**370080**
	Screw, pan head, ISO 7380	M5x16	3	2.8		**370090**
	Screw, pan head, ISO 7380	M5x18	3	2.9		**370095**
	Screw, pan head, ISO 7380	M5x20	3	3.0		**370100**
	Screw, pan head, ISO 7380	M5x25	3	3.6		**370110**
M6	Screw, pan head, ISO 7380	M6x10	4	2.6		**370120**
	Screw, pan head, ISO 7380	M6x12	4	3.0		**370130**
	Screw, pan head, ISO 7380	M6x14	4	3.4		**370140**
	Screw, pan head, ISO 7380	M6x16	4	3.8		**370150**
	Screw, pan head, ISO 7380	M6x18	4	4.0		**370155**
	Screw, pan head, ISO 7380	M6x20	4	4.5		**370160**
	Screw, pan head, ISO 7380	M6x25	4	5.2		**370162**
	Screw, pan head, ISO 7380	M6x30	4	6.9		**370163**
	Screw, pan head, ISO 7380	M6x35	4	7.0		**370164**
M8	Screw, pan head, ISO 7380	M8x10	5	6.0		**370168**
	Screw, pan head, ISO 7380	M8x14	5	6.7		**370169**
	Screw, pan head, ISO 7380	M8x16	5	7.4		**370170**
	Screw, pan head, ISO 7380	M8x18	5	8.1		**370180**
	Screw, pan head, ISO 7380	M8x20	5	9.2		**370190**
	Screw, pan head, ISO 7380	M8x25	5	10.7		**370195**
	Screw, pan head, ISO 7380	M8x30	5	12.6		**370200**
	Screw, pan head, ISO 7380	M8x35	5	13.9		**370201**
	Screw, pan head, ISO 7380	M8x40	5	16.1		**370202**
	Screw, pan head, ISO 7380	M8x45	5	18.1		**370203**
	Screw, pan head, ISO 7380	M8x50	5	18.6		**370204**
	Screw, pan head, ISO 7380	M8x55	5	21.6		**370205**

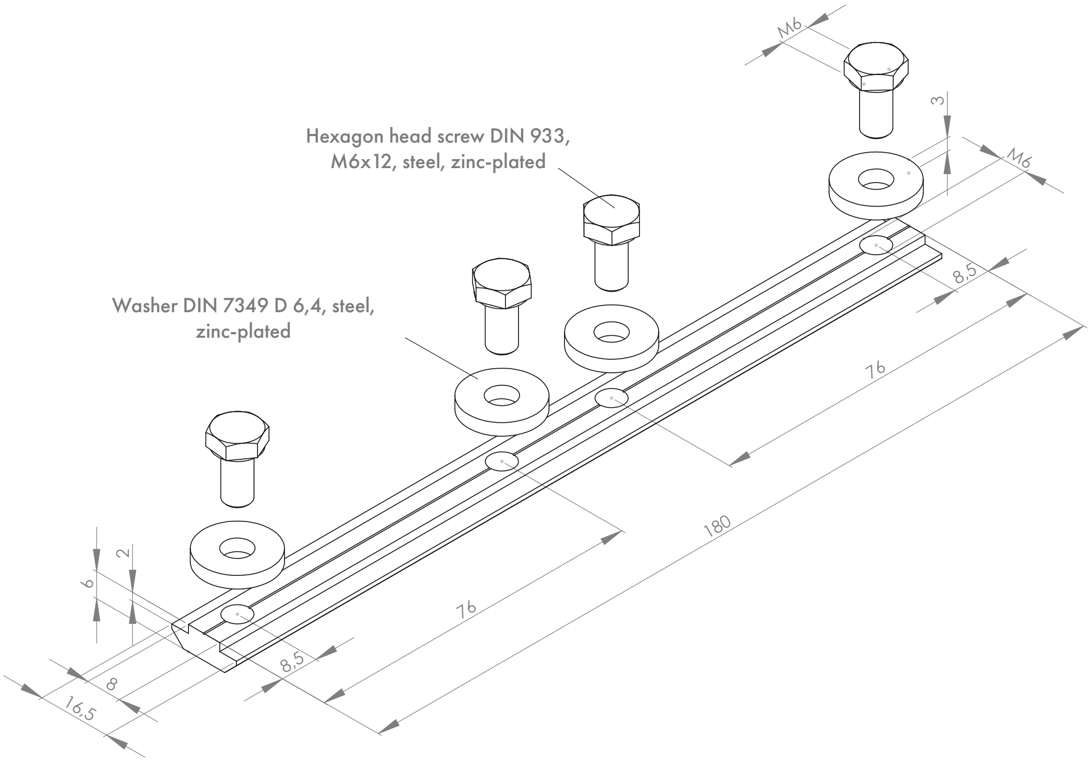
8

PROFILE CONNECTOR SLOT 8, L=180 4xM6

Material: Steel, zinc-plated

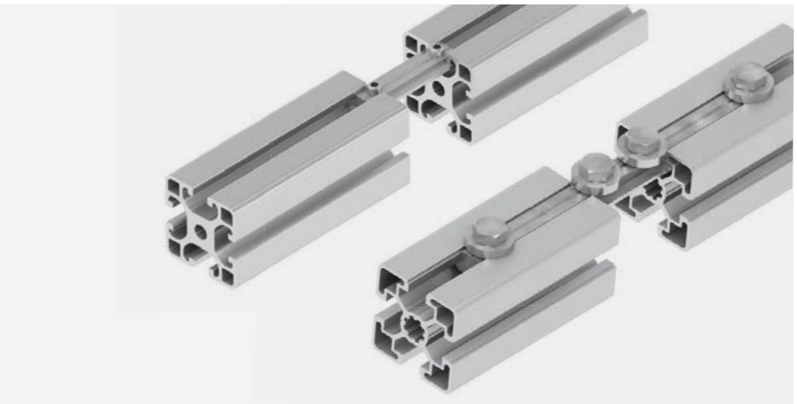
The item is delivered pre-assembled.

For connecting two profiles abutting each other end to end.
Mounting this item does not require any profile processing.



Description	Length (mm)	Slot	Thread (M)	Version	Weight (g)	Art. no.:
Profile connector slot 8, 4xM6	180	**8**	M6	With fastening kit*	29.0	**344010**

Fastening kit:*
1x T-slot nut slot 8 L=180, (4x M6 thread), St zinc-plated
4x hexagon head screws DIN 933-M6x12, St zinc-plated
4x washers DIN 7349 Ø6.4, St zinc-plated



8 10

PROFILE CONNECTORS

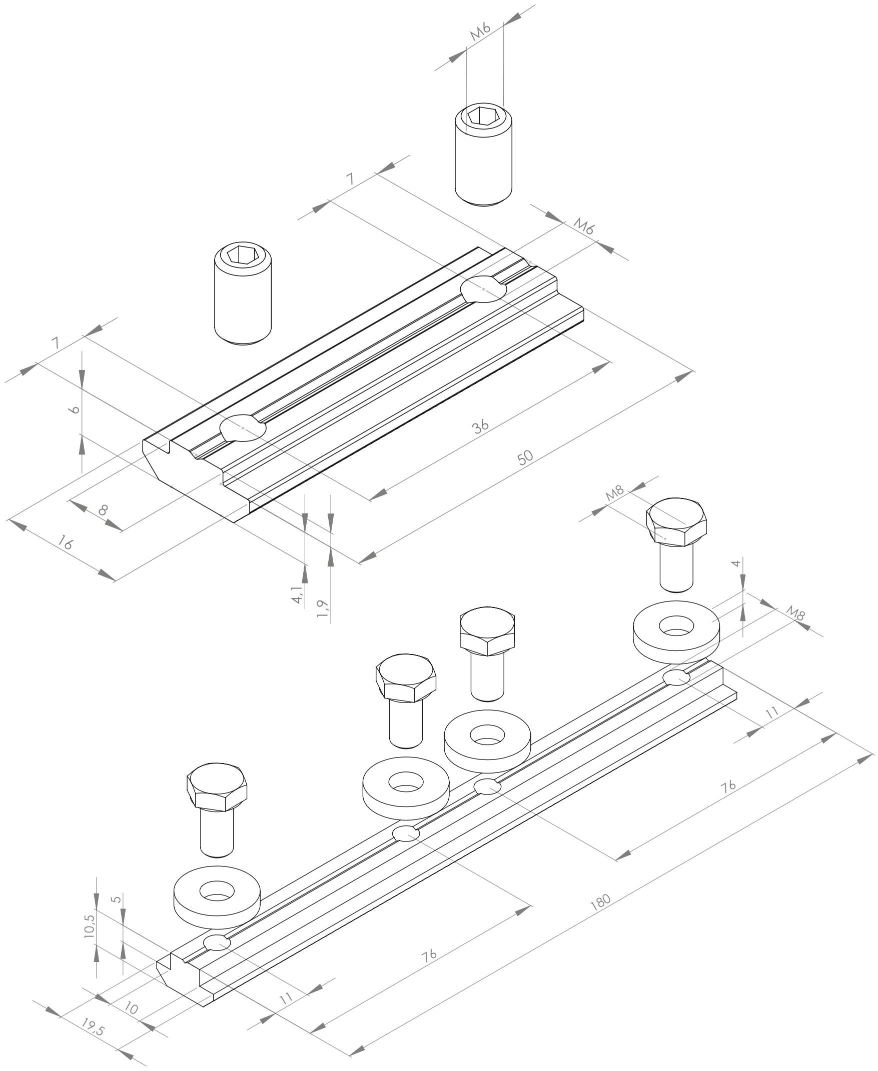
Material: Steel, zinc-plated

The item is delivered pre-assembled.

For connecting two profiles abutting each other end to end.
No profile processing is required. The profile connectors can simply be pushed into the profile slot on the end face.

344005

344011



Description	Length (mm)	Slot	Thread (M)	Version	Weight (g)	Series	Art. no.:
Profile connector slot 8 2xM6	50	**8**	M6	With fastening kit*	29.0	(i) | (B)	**344005**
Profile connector slot 10	180	**10**	M8	With fastening kit**	254.0	(B)	**344011**

Fastening kit:*	**Fastening kit:****
1x profile connector slot 8, steel, zinc-plated	1x T-slot nut slot 10 L=180, St zinc-plated
2x grub screws DIN 913-M6x10, St, zinc-plated	4x hexagon head screws DIN 933-M8x16, St zinc-plated
	4x washers DIN 7349 Ø8.4, St zinc-plated
	4x lock washers S8

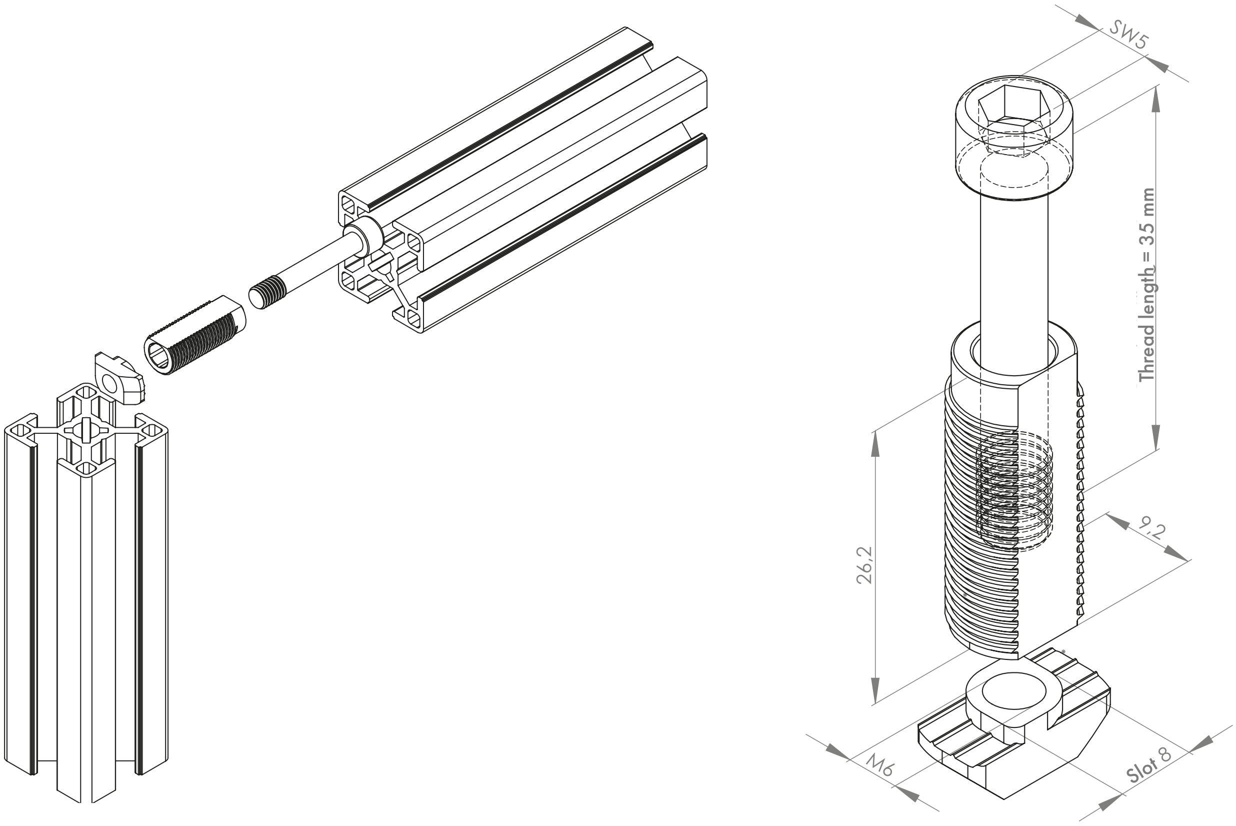
8

FORM CONNECTOR SET SLOT 8

The item is delivered partially pre-assembled.
(Screw and sleeve are already connected)

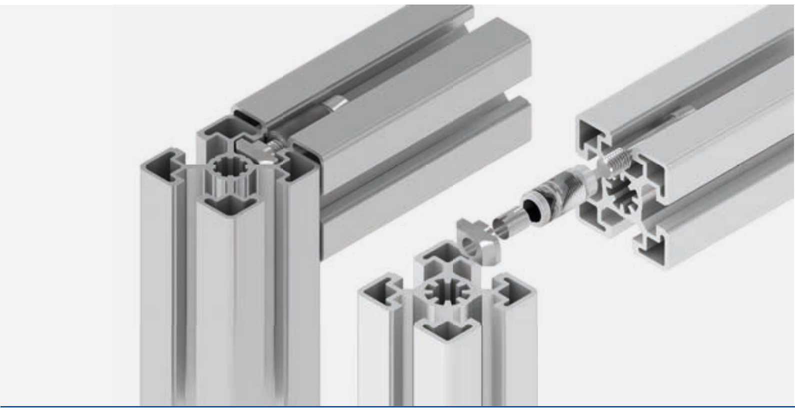
For connecting two aluminium profiles at a 90° angle.

The connector sleeve is self-tapping - no preparatory profile processing is required.



Description	Length (mm)	Slot	Thread (M)	Version	Weight (g)	ESD	Art. no.:
Form connector set slot 8	26.2	**8**	M6	With fastening kit*	30.0		**330120**

Fastening kit:*
1x form connector slot 8, steel, zinc-plated
1x screw, cylinder head M6x35, steel, zinc-plated
1x hammer nut slot 8 M6, steel, zinc-plated



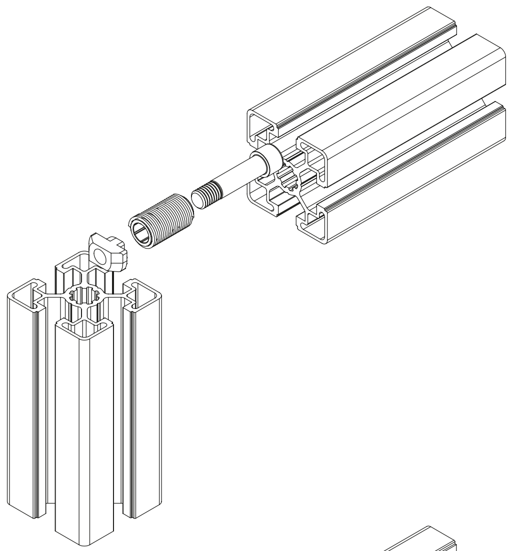
10

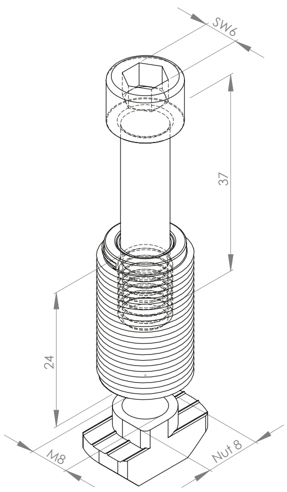
FORM CONNECTOR SET SLOT 10 LIGHT
FORM CONNECTOR SET SLOT 10 HEAVY

The item is delivered partially pre-assembled.
(Screw and sleeve are already connected)

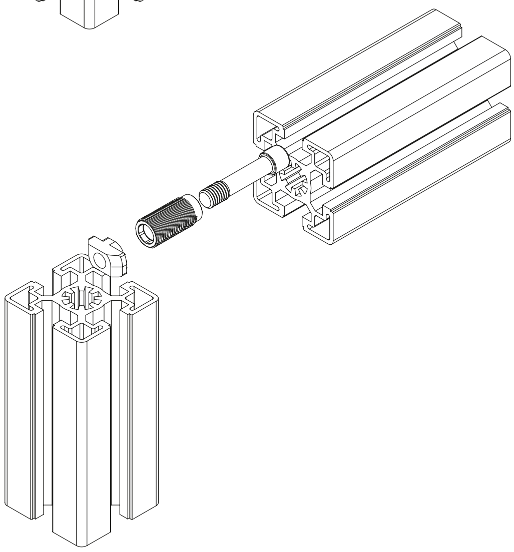
For connecting two aluminium profiles at a 90° angle.

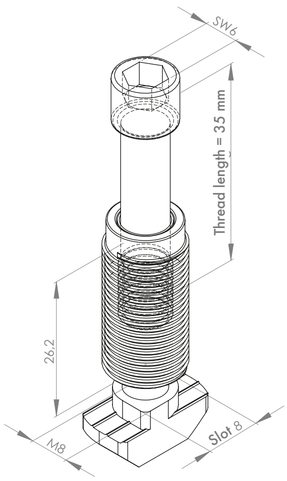
The connector sleeve is self-tapping - no preparatory profile processing is required.





330100



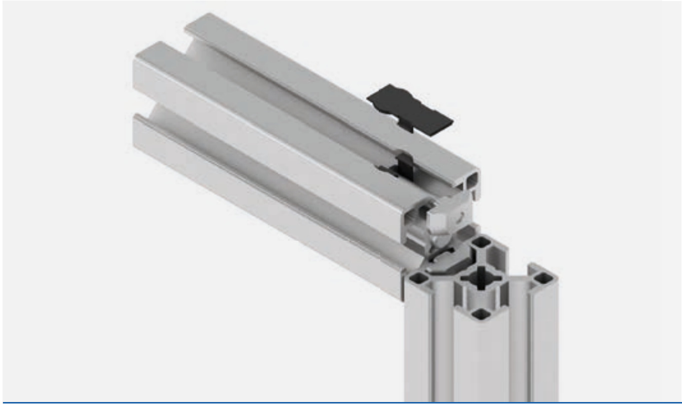


330110

Description	Length (mm)	Slot	Slot base (mm)	Thread (M)	Version	Weight (g)	ESD	Art. no.:
Form connector set slot 10 light	24	**10**	14.75	M8	With fastening kit*	37.0		**330100**
Form connector set slot 10 heavy	24	**10**	12.5 - 13	M8	With fastening kit**	37.0		**330110**

Fastening kit:*	Fastening kit:**
1x form connector slot 10 light, steel, zinc-plated	1x form connector slot 10 heavy, steel, zinc-plated
1x screw, cylinder head M8x37, steel, zinc-plated	1x screw, cylinder head M8x37, steel, zinc-plated
1x hammer nut slot 10 M8, steel, zinc-plated	1x hammer nut slot 10 M8, steel, zinc-plated

2



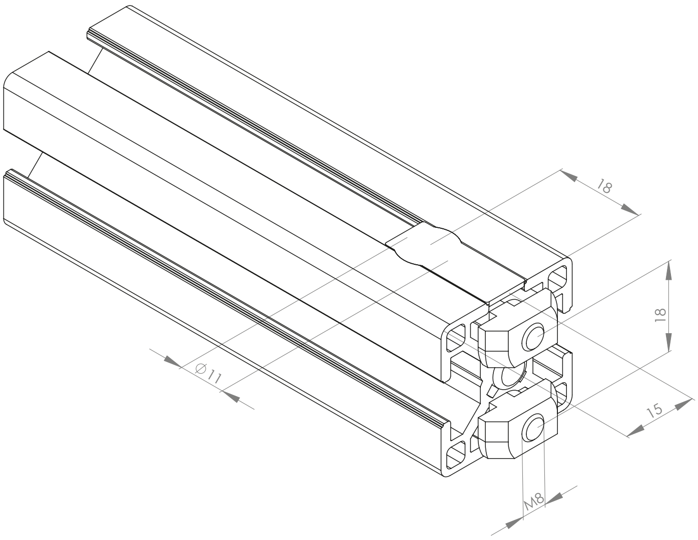
8

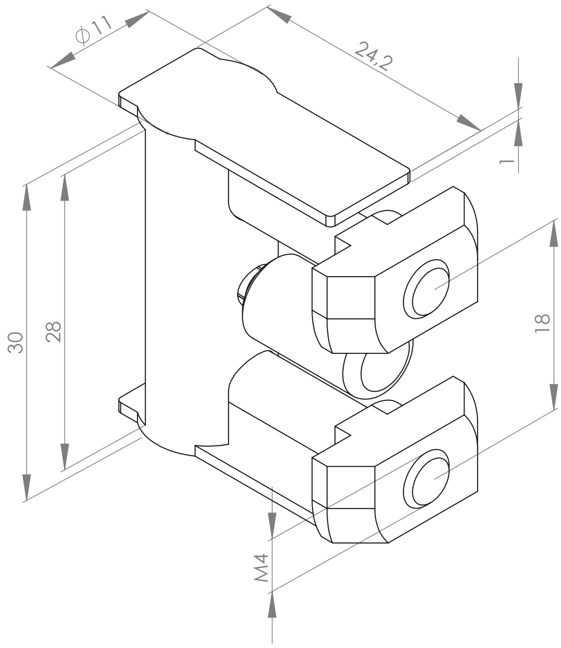
BOLT CONNECTOR SET Ø11x30

The item is delivered in its constituent parts.

For connecting two aluminium profiles at a 90° angle.

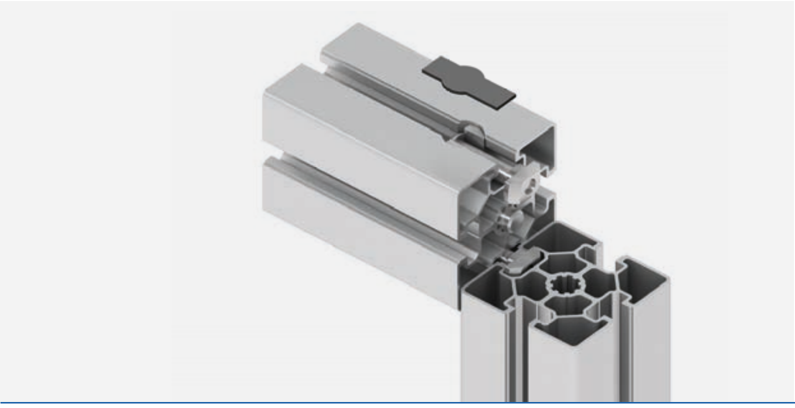
A D11 through hole in the middle of the profile (15 mm) at a spacing of 18 mm is required to mount this item.





Description	Length (mm)	Slot	Thread (M)	Version	Weight (g)	ESD	Art. no.:
Bolt connector set Ø11x30	28	**8**	M8	With fastening kit*	26.0		**322015**

Fastening kit:*
1x bolt connector Ø11x30, steel, zinc-plated
2x screws, pan head, ISO 7380, M5x25, 10.9 zinc-plated
1x fixing bolt, PA (black), for BC 8 Ø11 (7.3x3.15x21.2)
2x cover caps, PA (black), for BC Ø11
2x hammer nuts slot 8 M5, steel, zinc-plated



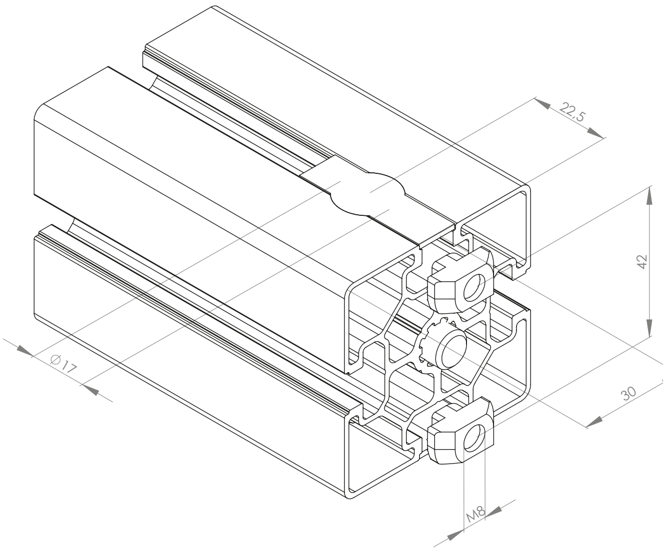
10

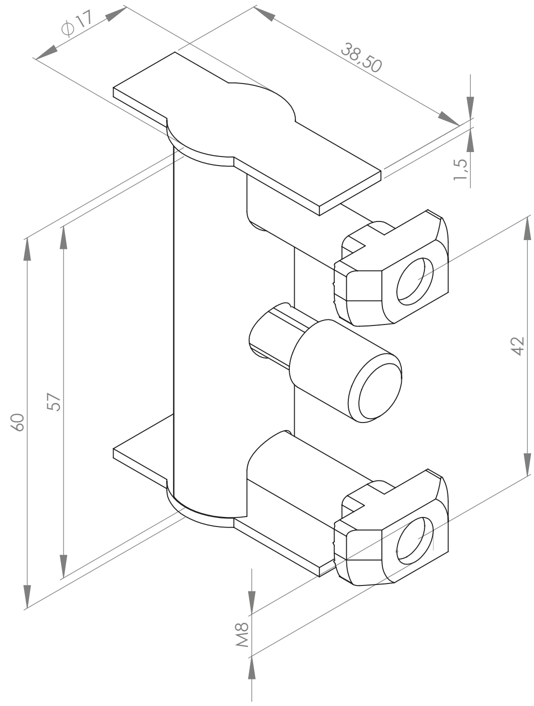
BOLT CONNECTOR SET Ø17x60

The item is delivered in its constituent parts

For connecting two aluminium profiles at a 90° angle.

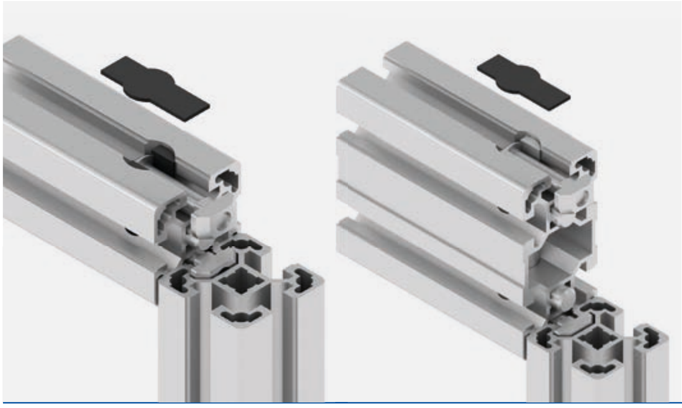
A Ø17 through hole in the middle of the profile (30 mm) at a spacing of 22.5 mm is required to mount this item.





Description	Length (mm)	Slot	Thread (M)	Cap	Version	Weight (g)	ESD	Art. no.:
Bolt connector set Ø17x60	57	**10**	M8	Black	With fastening kit*	94.3		**322031**

Fastening kit:*
1x bolt connector Ø17x60, steel, zinc-plated
2x screws, pan head, ISO 7380, M8x35, 10.9 zinc-plated
1x fixing bolt, PA (black), for BC 10 Ø17 (6.2x6.2x30)
2x cover caps, PA (black), for BC Ø17
2x hammer nuts slot 10 M8, steel, zinc-plated



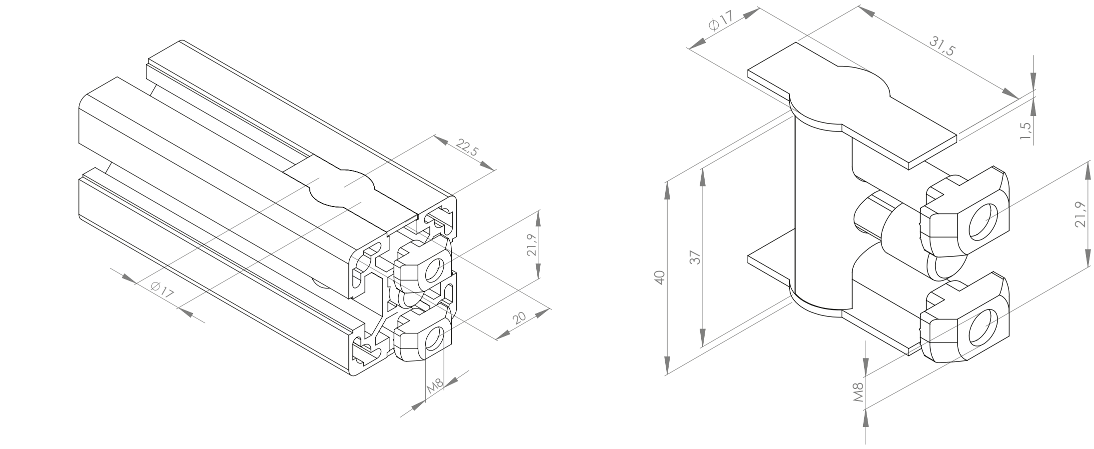
10

BOLT CONNECTOR SET Ø17x40
BOLT CONNECTOR SET Ø17x80

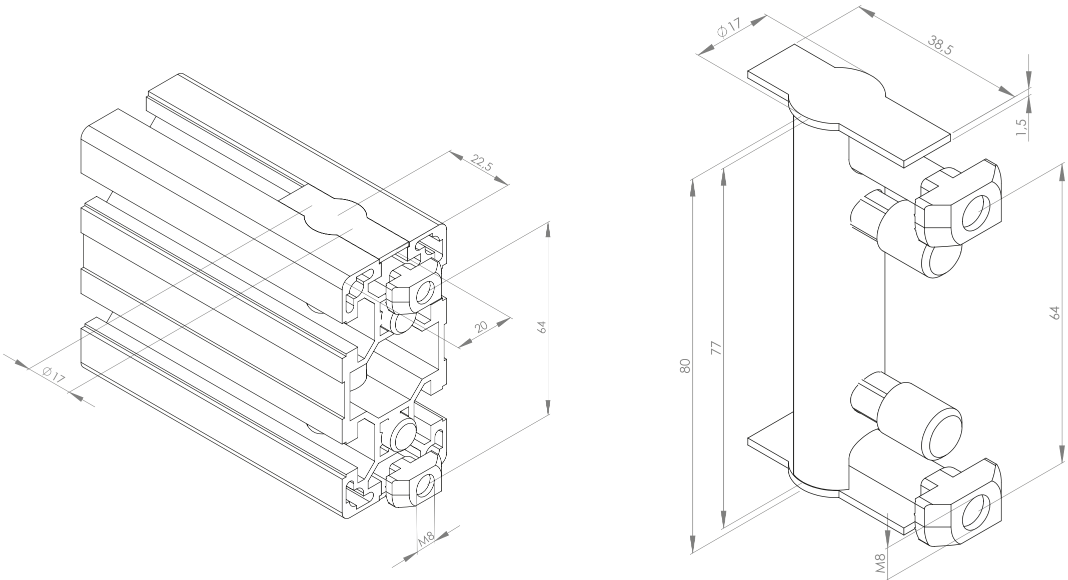
For connecting two aluminium profiles at a 90° angle.

The item is delivered in its constituent parts.

A D17 through hole in the middle of the profile (20 mm) at a spacing of 22.5 mm is required to mount this item.



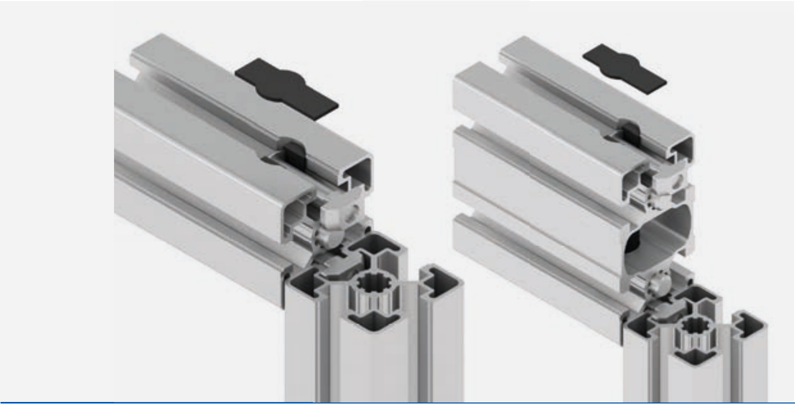
322019



322039

Description	Length (mm)	Slot	Thread (M)	Cap	Version	Weight (g)	ESD	Art. no.:
Bolt connector set Ø17x40	37	**10**	M8	Black	With fastening kit*	69.0		**322019**
Bolt connector set Ø17x80	77	**10**	M8	Black	With fastening kit**	118.2		**322039**

Fastening kit:*	**Fastening kit:****
1x bolt connector Ø17x40, steel, zinc-plated	1x bolt connector Ø17x80, steel, zinc-plated
2x screws, pan head, ISO 7380, M8x35, 10.9 zinc-plated	2x screws, pan head, ISO 7380, M8x35, 10.9 zinc-plated
1x fixing bolt, PA (black), for BC 10 Ø17 (6.2x6.2x30)	2x fixing bolts, PA (black), for BC 10 Ø17 (6.2x6.2x30)
2x cover caps, PA (black), for BC Ø17	2x cover caps, PA (black), for BC Ø17
2x hammer nuts slot 10 M8, steel, zinc-plated	2x hammer nuts slot 10 M8, steel, zinc-plated



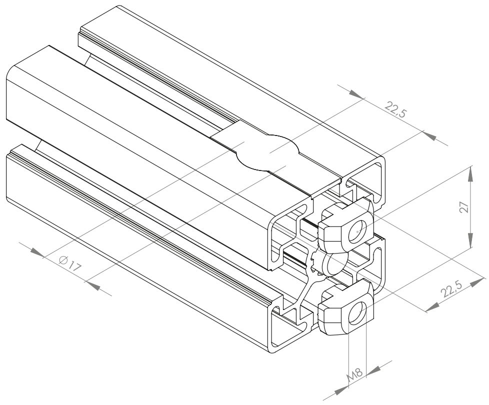
10

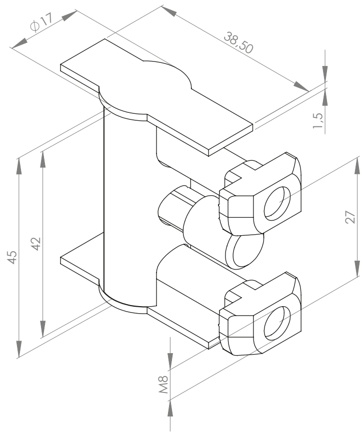
BOLT CONNECTOR SET Ø17x45
BOLT CONNECTOR SET Ø17x90

For connecting two aluminium profiles at a 90° angle.

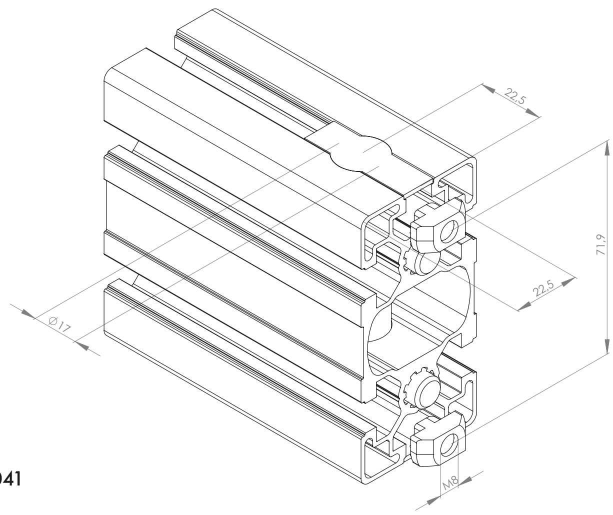
The item is delivered in its constituent parts

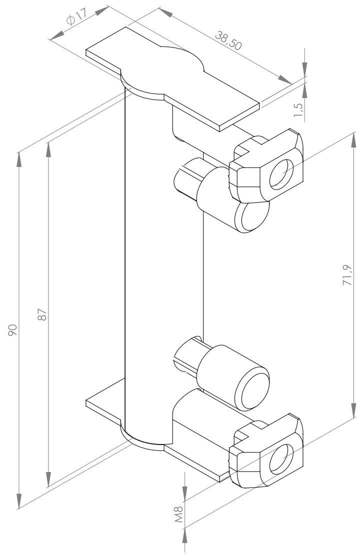
A D17 through hole in the middle of the profile (22.5 mm) at a spacing of 22.5 mm is required to mount this item.





322021





322041

Description	Length (mm)	Slot	Thread (M)	Cap	Version	Weight (g)	ESD	Art. no.:
Bolt connector set Ø17x45	42	**10**	M8	Black	With fastening kit*	77.2		**322021**
Bolt connector set Ø17x45	42	**10**	M8	Grey	With fastening kit*	77.2		**322022**
Bolt connector set Ø17x90	87	**10**	M8	Black	With fastening kit**	126.0		**322041**

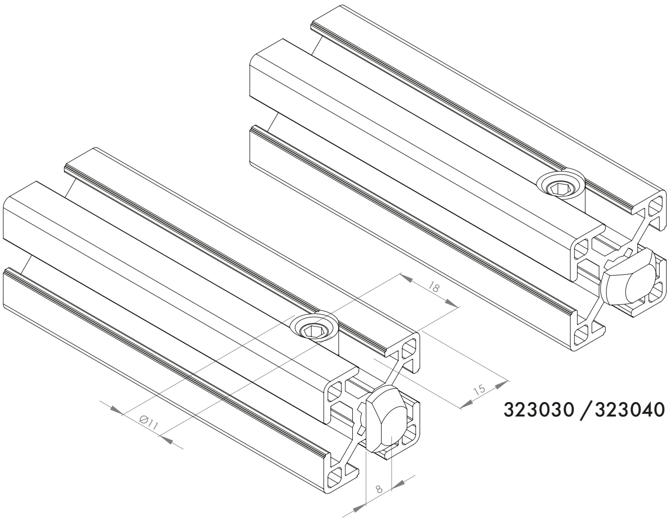
Fastening kit:*	**Fastening kit:****
1x bolt connector Ø17x45, steel, zinc-plated	1x bolt connector Ø17x90, steel, zinc-plated
2x screws, pan head, ISO 7380, M8x35, 10.9 zinc-plated	2x screws, pan head, ISO 7380, M8x35, 10.9 zinc-plated
1x fixing bolt, PA (black), for BC 10 Ø17 (6.2x6.2x30)	2x fixing bolts, PA (black), for BC 10 Ø17 (6.2x6.2x30)
2x cover caps, PA, for BC Ø17	2x cover caps, PA (black), for BC Ø17
2x hammer nuts slot 10 M8, steel, zinc-plated	2x hammer nuts slot 10 M8, steel, zinc-plated

QUICK CONNECTOR SLOT 8

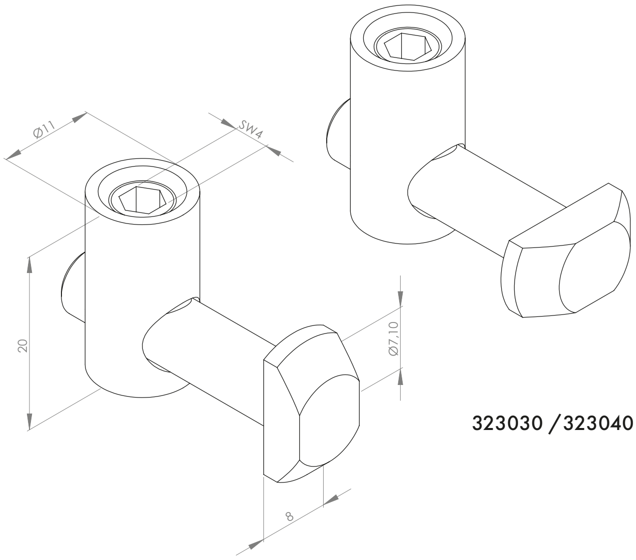
Material: Steel, zinc-plated

For connecting two profiles at a 90° angle.

A blind hole Ø11x23 in the middle of the profile (15 mm) at a spacing of 18 mm is required to mount this item.



323030 / 323040



323030 / 323040

Description	Slot	Version	Weight (g)	ESD	Art. no.:
Quick connector slot 8 hammer vertical O ring (0°)	8	Vertical (0°)	20.0		**323030**
Quick connector slot 8 hammer horizontal O ring (90°)	8	Horizontal (90°)	20.0		**323040**

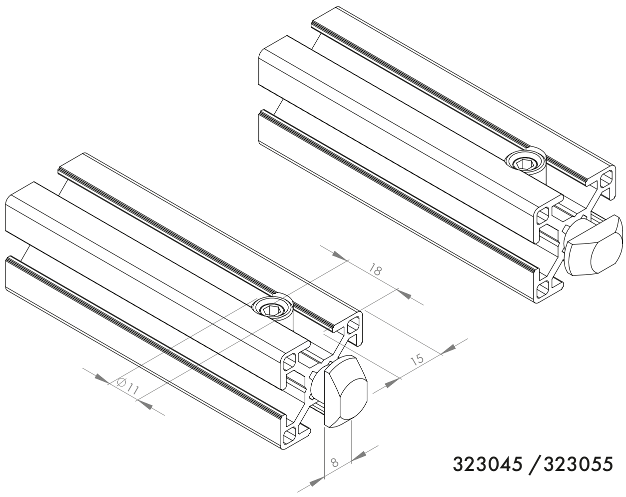
8 10

QUICK CONNECTOR SLOT 8 / 10
QUICK CONNECTOR SLOT 10

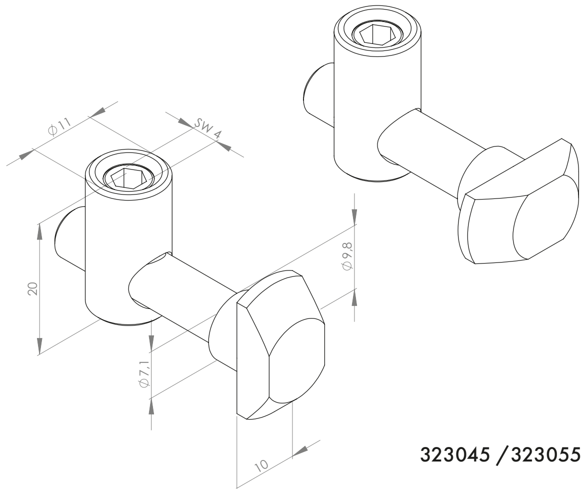
Material: Steel, zinc-plated

For connecting two aluminium profiles at a 90° angle.

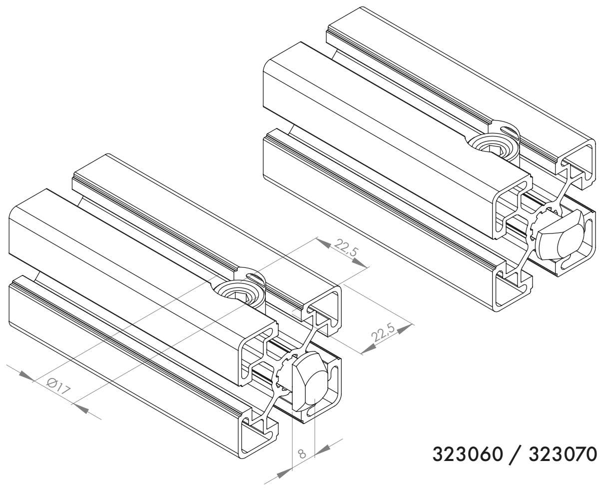
A blind hole Ø11x23/Ø17x35 in the middle of the profile (15 mm) at a spacing of 18 mm/22.5 mm is required to mount this item.



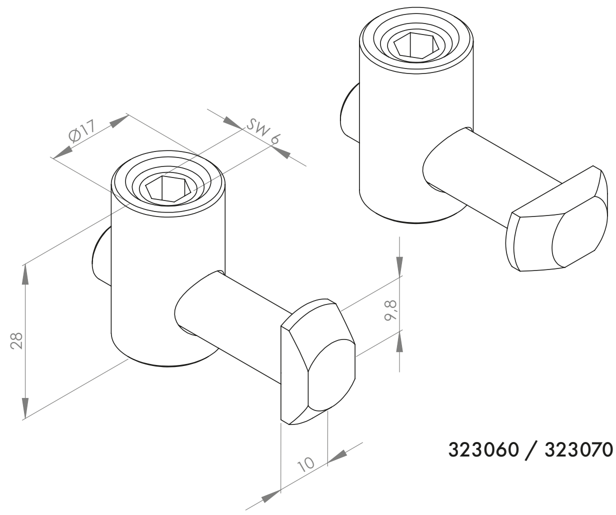
323045 / 323055



323045 / 323055

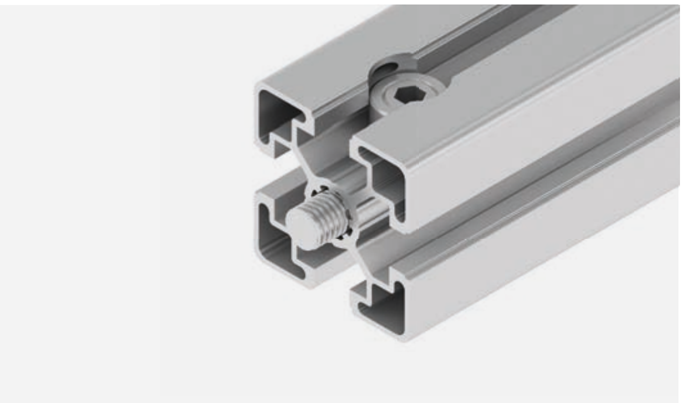


323060 / 323070



323060 / 323070

Description	Slot	Version	Weight (g)	ESD	Art. no.:
Quick connector slot 8/10 vertical (0°)	8	Vertical (0°)	20.0		**323045**
Quick connector slot 8/10 horizontal (90°)	8	Horizontal (90°)	20.0		**323055**
Quick connector slot 10 hammer vertical O ring (0°)	10	Vertical (0°)	53.0		**323060**
Quick connector slot 10 hammer horizontal O ring (90°)	10	Horizontal (90°)	53.0		**323070**



10

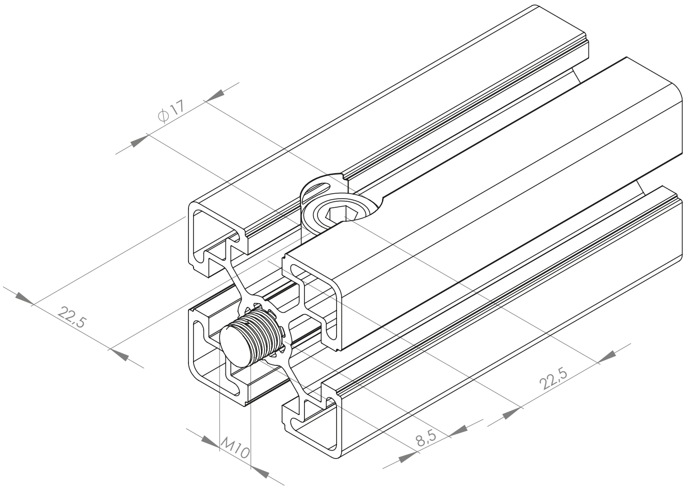
QUICK RELEASE SCREW CONNECTOR SLOT 10 (CONNECTION THREAD M10)

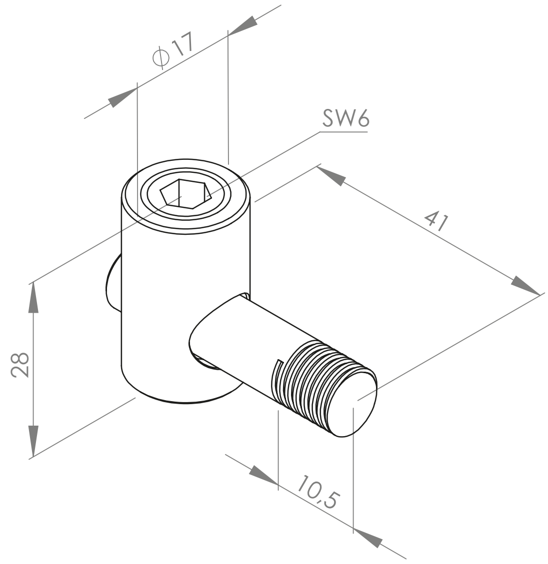
Material: Steel, zinc-plated

For connecting an aluminium profile to a panel element with a threaded hole.

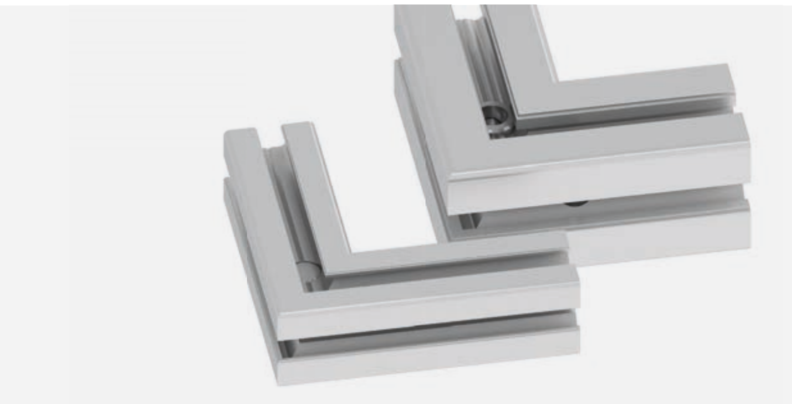
The item is delivered pre-assembled.

A Ø17x 35[mm] through hole in the middle of the profile (22.5 mm) at a spacing of 22.5 mm is required to mount this item.





Description	Length	Slot	Thread (M)	Weight (g)	ESD	Art. no.:
Quick release screw connector slot 10 (connection thread M10)	28	**10**	M10	60.0		**323025**



8 10

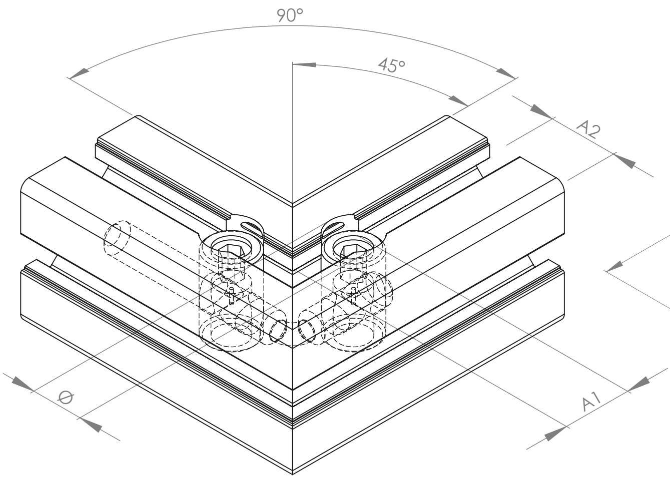
QUICK CONNECTOR, BENDABLE, END-TO-END, SLOT 8 / SLOT 10

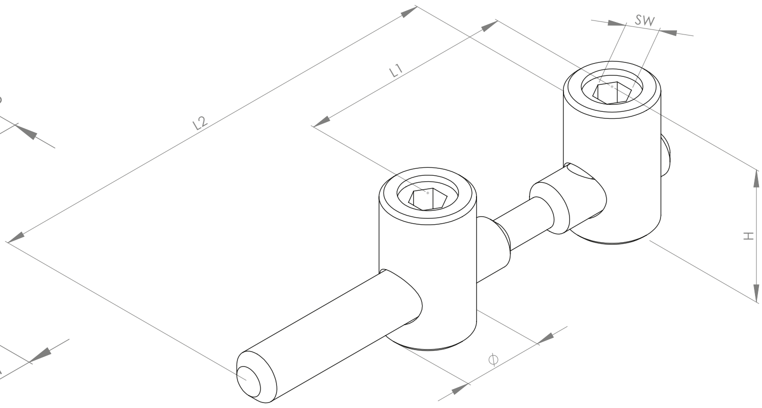
Material: Steel, zinc-plated

For connecting two profiles (end to end) at a certain angle, e.g. 90° (see illustration)

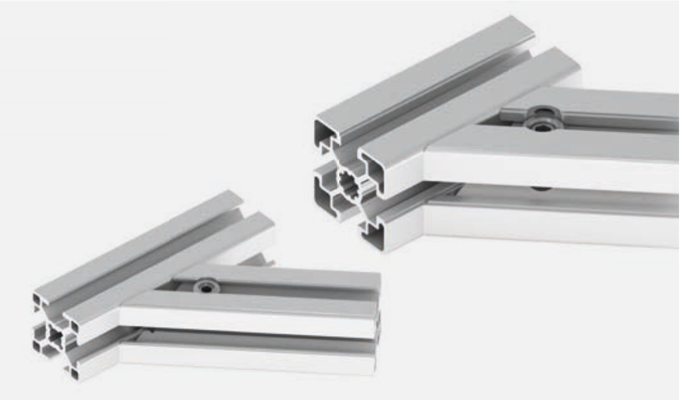
A blind hole Ø17x35 in the middle of the profile (22.5 mm) at a spacing of 22.5 mm is required to mount item 323022 (example shows 45x45)

A blind hole Ø11x23 in the middle of the profile (15 mm) at a spacing of 18 mm is required to mount item 323042 (example shows 30x30)





Description	Slot	H	L1	L2	A1	A2	Ø	Weight (g)	ESD	Art. no.:
Quick connector, slot 10, bendable, end to end	**10**	28	45	100	22.5	22.5	17	109.0		**323022**
Quick connector, slot 8, bendable, end to end	**8**	20	36	75	18.0	15.0	11	38.0		**323042**



8 10

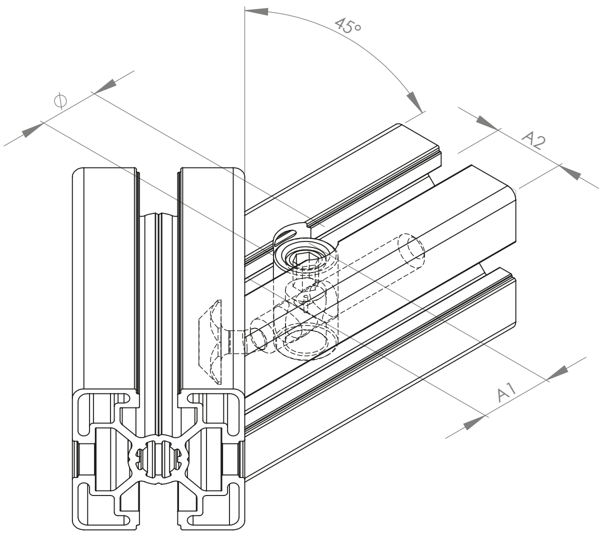
QUICK CONNECTOR, BENDABLE, END TO SIDE, SLOT 8 / SLOT 10

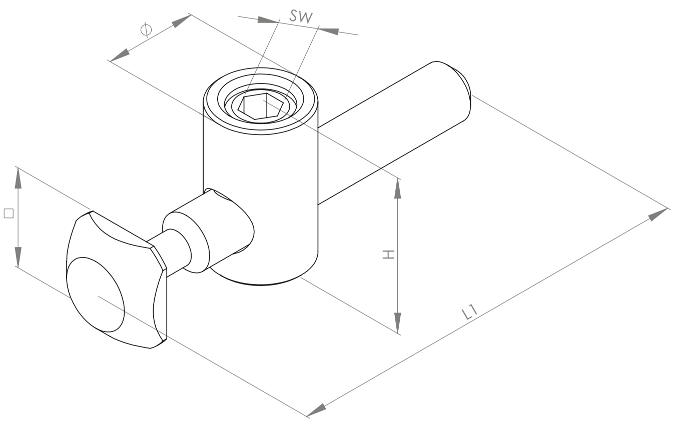
Material: Steel, zinc-plated

For connecting two profiles (end to side) at a certain angle e.g. 90° (see illustration)

A blind hole Ø17x35 in the middle of the profile (22.5 mm) at a spacing of 22.5 mm is required to mount item 323023 (example shows 45x45)

A blind hole Ø11x23 in the middle of the profile (15 mm) at a spacing of 18 mm is required to mount item 323043 (example shows 30x30)





Description	Slot	H	L1	A1	A2	Ø	Weight (g)	ESD	Art. no.:
Quick connector, slot 10, bendable, end to side	**10**	28	75	22.5	22.5	17	75.2		**323023**
Quick connector, slot 8, bendable, end to side	**8**	20	51	18	15	11	29.0		**323043**

8 10

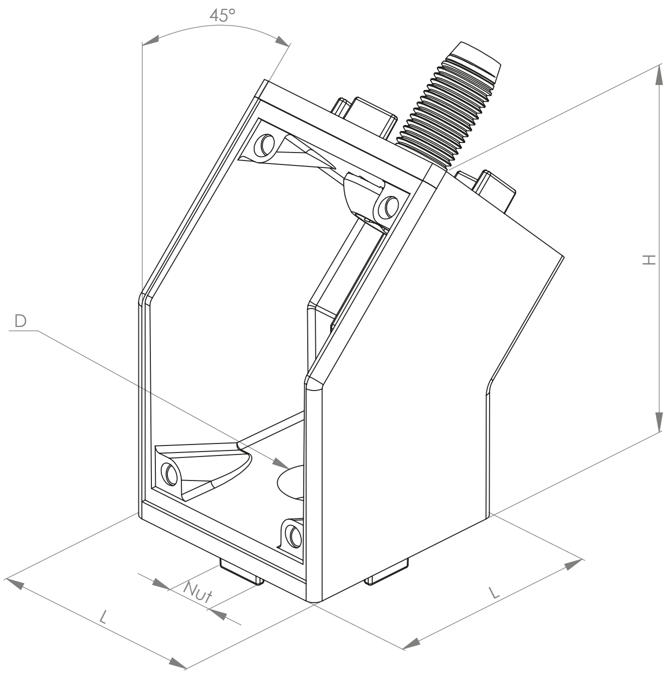
CONNECTOR, 45°

Angle bracket material: die-cast aluminium

For connecting two profiles at a 45° angle (end to end or end to side)

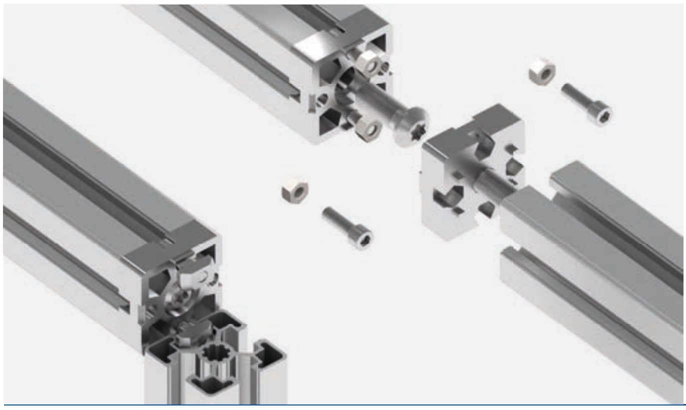
No profile processing is necessary for mounting the items thanks to the self-tapping screws.

2



Description	Slot	L (mm)	H (mm)	D (mm)	Version	Weight (g)	ESD	Art. no.:
Connector 45° 30x30 set	**8/10**	30	46.8	8.5	With fastening kit*	160.0		**321500**
Connector 45° 45x45 set	**10**	45	82.5	13	With fastening kit**	179.0		**321510**

Fastening kit:*	Fastening kit:**
1x connector 30x30 - 45°, die-cast aluminium	1x connector 45x45 - 45°, die-cast aluminium
2x central screws SF8x25 T40, steel, zinc-plated	2x central screws SF12x30 T50, steel, zinc-plated
1x screw, cylinder head, ISO 7380, M6x12, 10.9 steel, zinc-plated	1x T-head bolt M8x20, steel, zinc-plated
1x screw, cylinder head, ISO 7380, M8x16, 10.9 steel, zinc-plated	1x flanged nut M8 Ø21, steel, zinc-plated
1x washer DIN 125 A Ø6.4, steel, zinc-plated	1x cover cap, PA plastic (black), GRP
1x hammer nut slot 10 M8, steel, zinc-plated	
1x hammer nut slot 8 M6, steel, zinc-plated	
8x slot centring pieces, PA plastic (black)	
1x cover cap, PA plastic (black)	



8 10

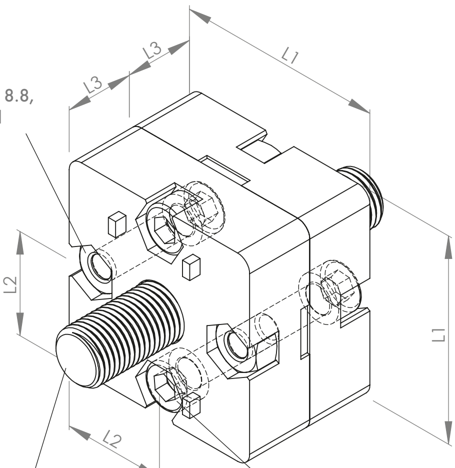
T-CONNECTORS AND END CONNECTORS

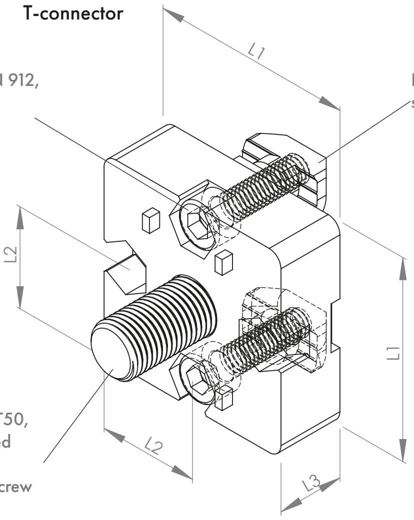
Material:

T-connector 30x30 / end connector 45x45: die-cast aluminium

T-connector 45x45: die-cast zinc

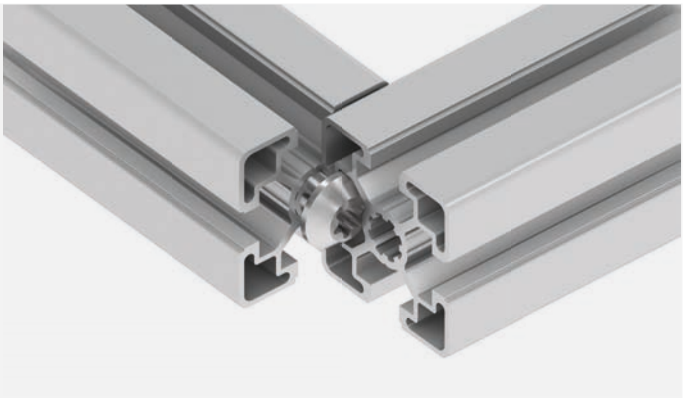
For connecting two profiles at a 90° angle. (T-connector) Or for connecting two profiles end to end. (End connector) No profile processing actions are required to assemble the items thanks to the self-tapping screws (SF).





Description	L1 (mm)	L2 (mm)	L3 (mm)	Version	Weight (g)	ESD	Art. no.:
T-connector set 30x30	30	15	13	With fastening kit*	51.0		**333010**
T-connector set 45x45	45	22.5	15	With fastening kit**	166.0		**333021**
End connector set 45x45	45	22.5	15	With fastening kit***	34.0		**333030**

Fastening kit: *	Fastening kit: **	Fastening kit: ***
2x hammer nuts slot 8 M5 steel, zinc-plated	2x hammer nuts slot 10 M6, steel, zinc-plated	2x central screws SF 12x30 T50, steel, zinc-plated
2x screws, cylinder head, M5x16 DIN 912, 8.8, zinc-plated	1x central screw SF 12x30 T50, steel, zinc-plated	4x screws, cylinder head, DIN 912, M6x20, 8.8, steel, zinc-plated
1x screw, cylinder head, M8x20 DIN 7984, 8.8, zinc-plated	2x screws, cylinder head, DIN 912, M6x20, 8.8, steel, zinc-plated	4x nuts, ISO 4032, M6, 8.8, steel, zinc-plated

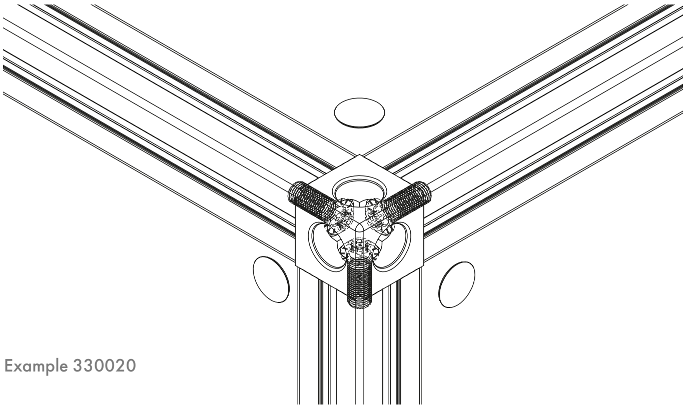


CENTRAL SCREWS

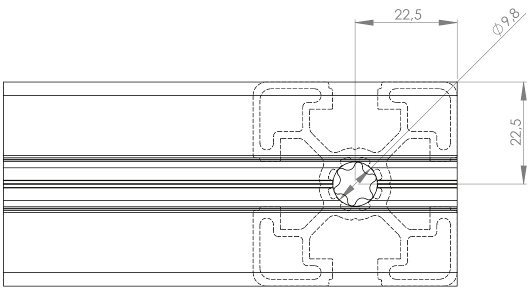
Material: Steel, zinc-plated

Central screws are suitable for connecting two items at a 90° angle.

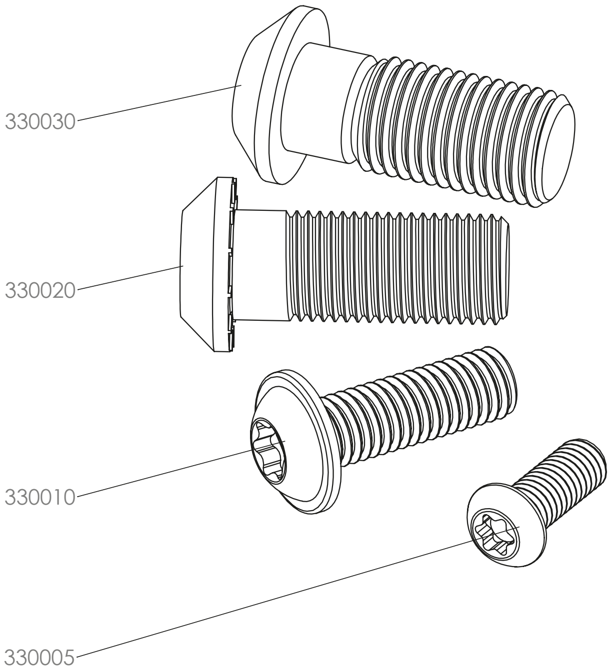
No thread processing is necessary for SF (self-tapping) central screws.



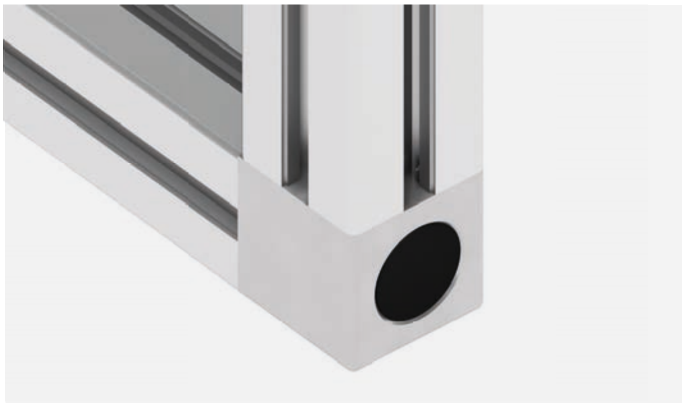
Example 330020



Example 330030



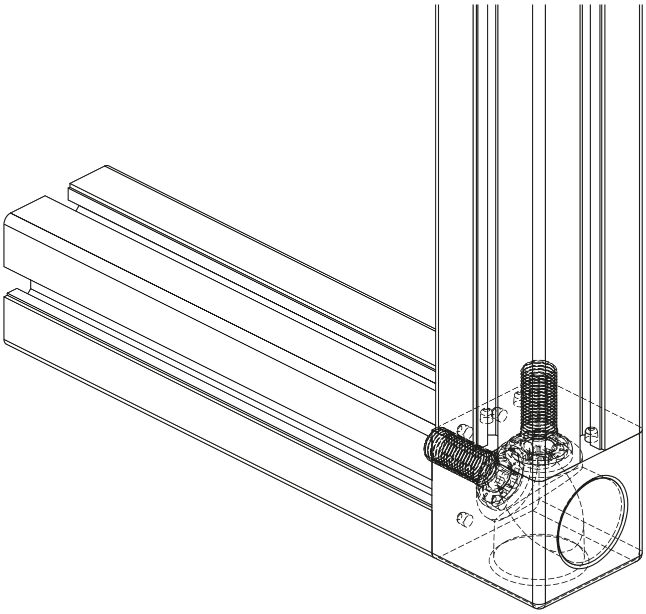
Description	Thread	Shaft	Assembly	Version	Weight (g)	ESD	Art. no.:
Central screw SF6X16 T25	6 x 16	Without shaft	Torx 25	Self-tapping	4.0		**330005**
Central screw SF8x25 T40	8 x 25	With shaft	Torx 40	Self-tapping	5.0		**330010**
Central screw SF12x30 T50	12 x 30	Without shaft	Torx 50	Self-tapping	23.0		**330020**
Central screw M12x30 T50	12 x 30	Without shaft	Torx 50	-	35.0		**330030**

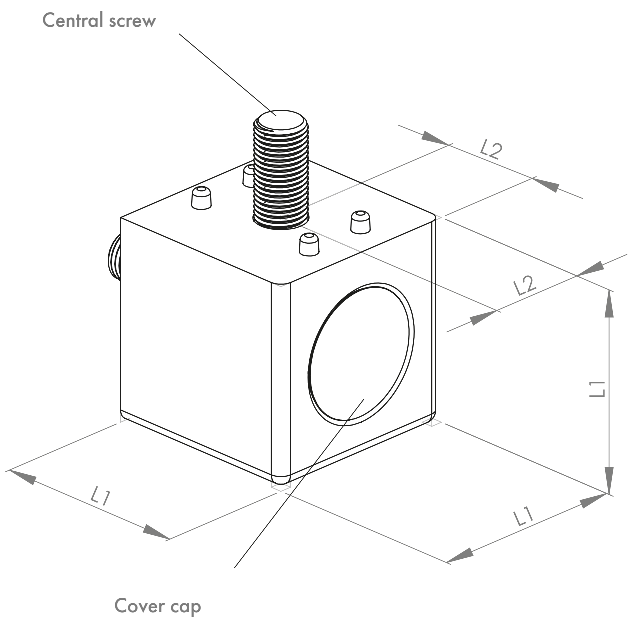


CUBE CONNECTOR SET 2D

Cube connector material: die-cast aluminium

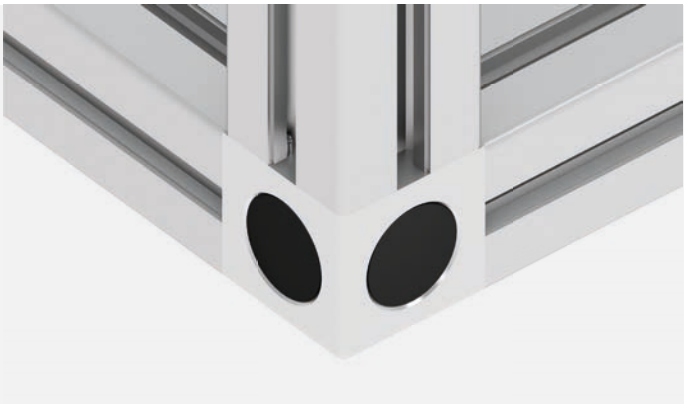
For connecting two profiles at a 90° angle. No profile processing is necessary for mounting the items thanks to the self-tapping screws (SF).





Description	L1 (mm)	L2 (mm)	Version	Weight (g)	ESD	Art. no.:
Cube connector set 20-2	20	10	With fastening kit*	12.0		**334005**
Cube connector set 30-2	30	15	With fastening kit**	69.0		**334010**
Cube connector set 40-2	40	20	With fastening kit***	152.0		**334024**
Cube connector set 45-2	45	22.5	With fastening kit***	228.0		**334030**
Cube connector set 50-2	50	25	With fastening kit****	260.0		**334045**

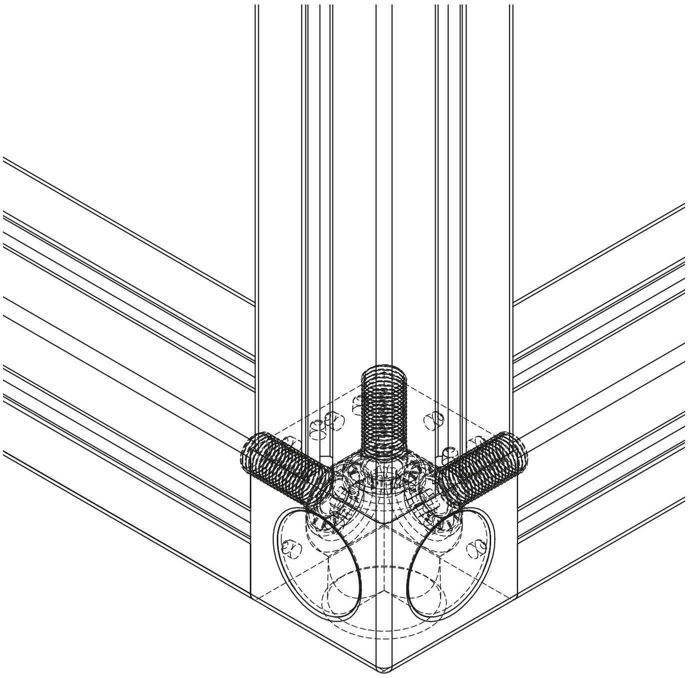
Fastening kit: *	Fastening kit: **	Fastening kit: ***	Fastening kit: ****
2x countersunk screws, DIN 7500-SF6x16, St zinc-plated	2x countersunk screws, DIN 7500-SF8x25, St zinc-plated	2x central screws SF12x30 T50, steel zinc-plated	2x central screws SF12x30 T50, St zinc-plated
2x cover caps, D13, black PA	2x cover caps, D18, black PA	2x cover caps, D24, black PA	2x cover caps, D30, black PA

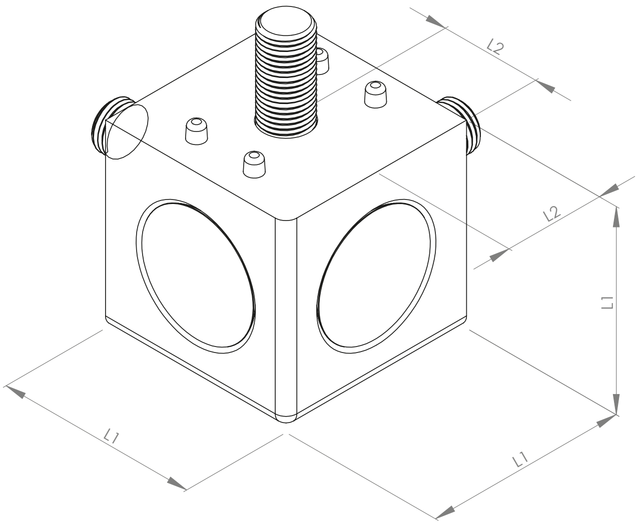


CUBE CONNECTOR SET 3D

Cube connector material: die-cast aluminium

For connecting three profiles at 90° angles for assembling robust corner connections. No profile processing is necessary for mounting the items thanks to the self-tapping screws (SF).





Description	L1 (mm)	L2 (mm)	Version	Weight (g)	ESD	Art. no.:
Cube connector set 20-3	20	10	With fastening kit*	12.0		**334006**
Cube connector set 30-3	30	15	With fastening kit**	72.0		**334020**
Cube connector set 40-3	40	20	With fastening kit***	157.0		**334025**
Cube connector set 45-3	45	22.5	With fastening kit***	250.0		**334040**
Cube connector set 50-3	50	25	With fastening kit****	257.0		**334050**

Fastening kit: *	Fastening kit: **	Fastening kit: ***	Fastening kit: ****
3x countersunk screws, SF6x16, steel zinc-plated	3x countersunk screws, SF8x25, steel zinc-plated	3x central screws, SF12x30 T50, steel zinc-plated	3x central screws, SF12x30 T50, steel zinc-plated
3x cover caps, D13, black PA	3x cover caps, D18, black PA	3x cover caps, D24, black PA	3x cover caps, D30, black PA

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

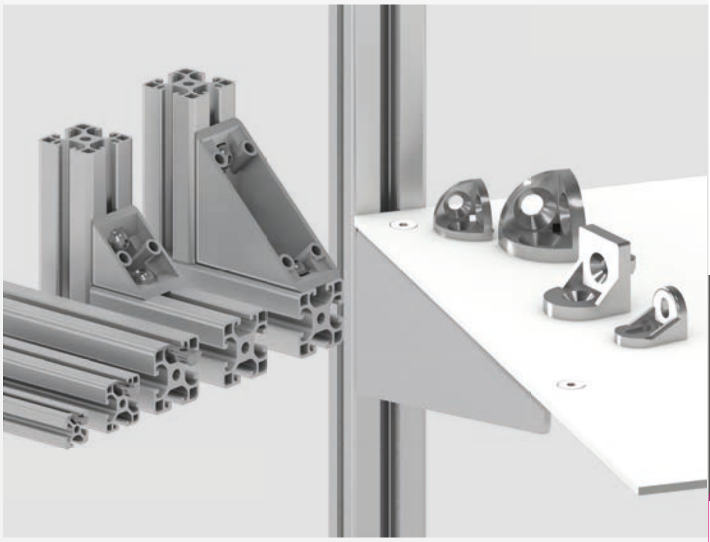
......................Components for series 40 i and 45 B

......................Slot specifications


......................ESD symbol for products that are electrostatically dissipative

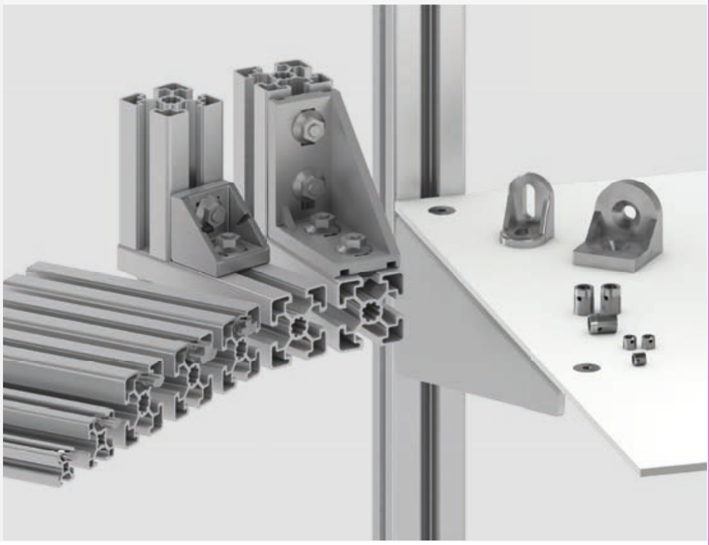

......................Pages showing product overviews

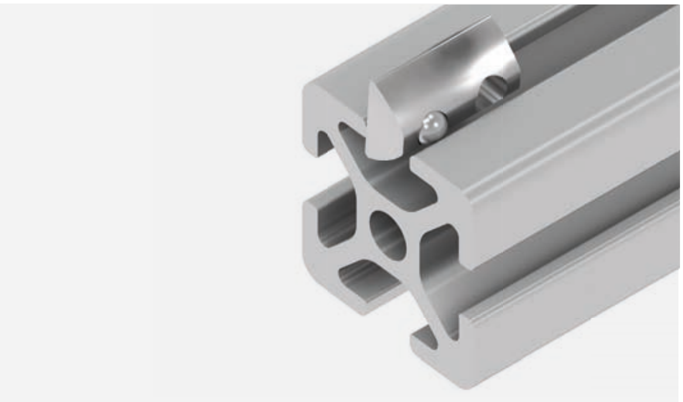
MOUNTING MATERIALS SERIES 40 i............... From page 266



MOUNTING MATERIALS B 40 i AND 45 B..........From page 286

MOUNTING MATERIALS SERIES 45 B.............. From page 291





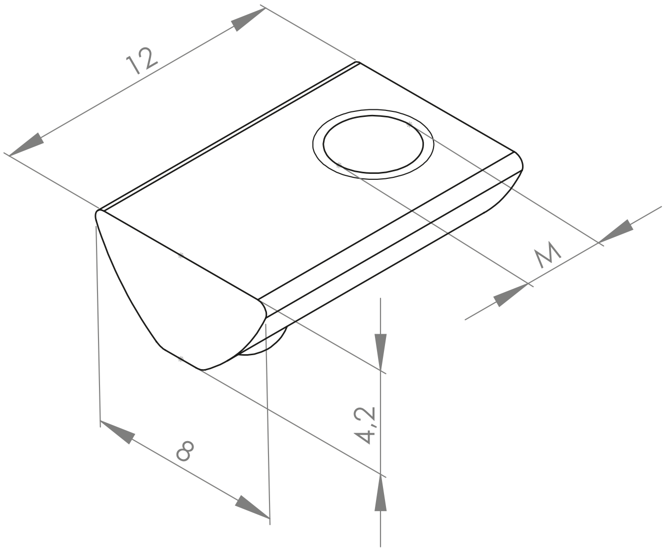
5

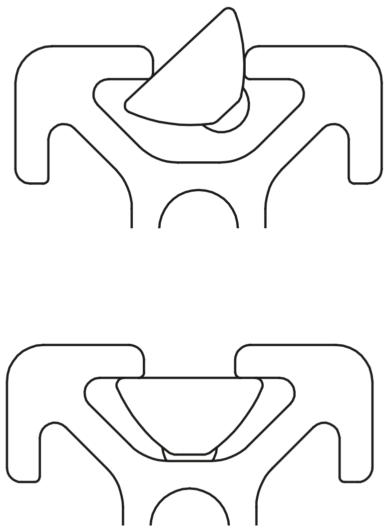
SWIVELLING T-SLOT NUT 5 WITH BALL (WITHOUT BAR)

Available with various thread sizes

T-slot nuts can be swivelled into the slot or inserted into the end of the profile slot

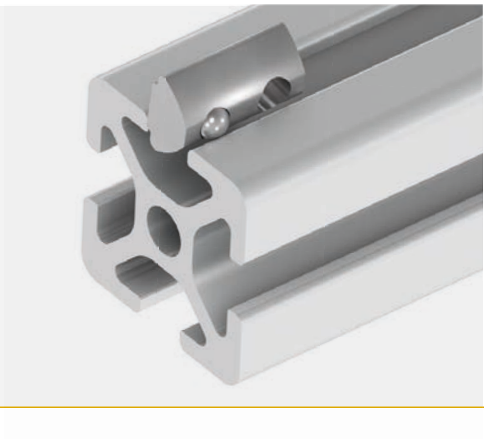
A spring-loaded ball fixes the T-slot nut in the desired position after it has been swivelled/inserted in place





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut 5 with ball (without bar)	5	M3	Steel, zinc-plated	2.0	-	99900831
	5	M4	Steel, zinc-plated	1.8	-	99900663
	5	M4	Stainless steel	1.8	-	99900881
	5	M5	Steel, zinc-plated	1.6	-	99900655
	5	M5	Stainless steel	1.6	-	99900907



5

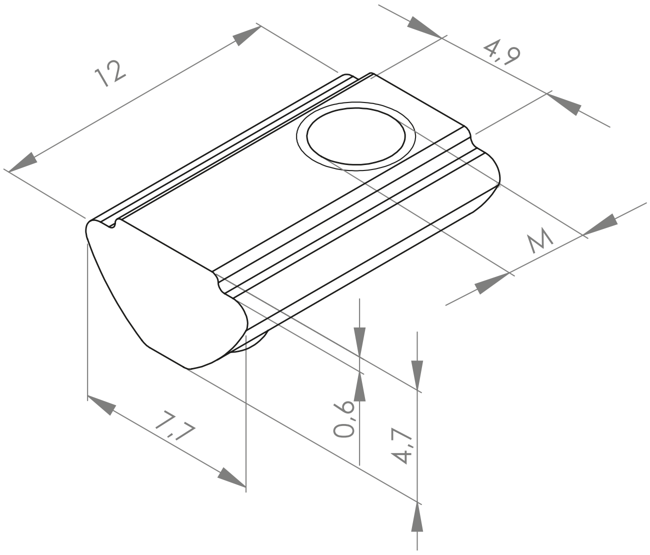
SWIVELLING T-SLOT NUT 5 WITH BALL AND BAR

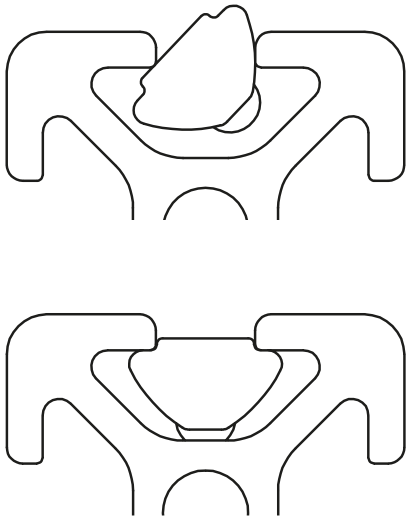
Available with various thread sizes

T-slot nuts can be inserted into the end of the profile slot or swivelled in from above

A spring-loaded ball fixes the T-slot nut in the desired position after it has been swivelled/inserted in place

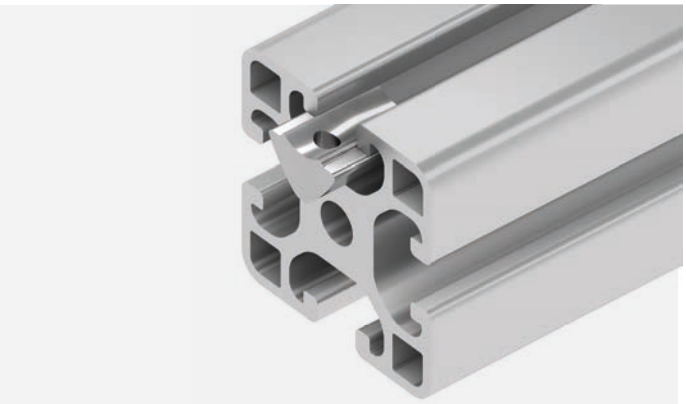
The bar on the top of the T-slot nut centres the nut in the slot





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut 5 with ball and bar	**5**	M3	Steel, zinc-plated	2.1	-	**353010**
	5	M4	Steel, zinc-plated	1.9	-	**353020**
	5	M5	Steel, zinc-plated	1.7	-	**353030**



6

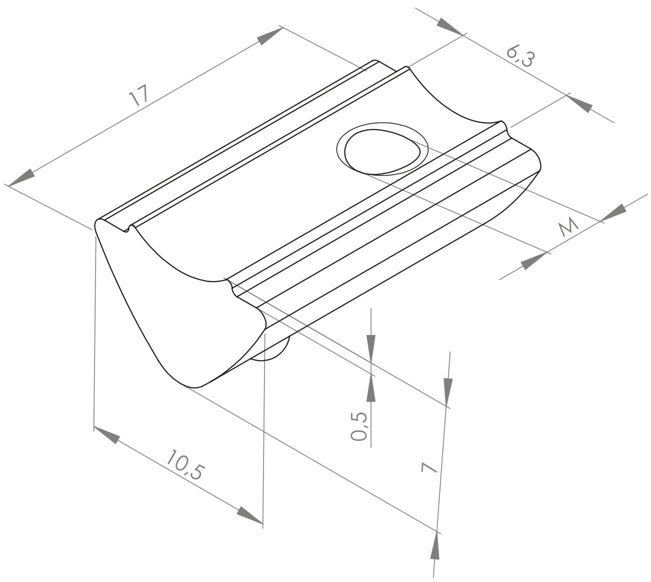
SWIVELLING T-SLOT NUT 6 WITH BALL AND BAR

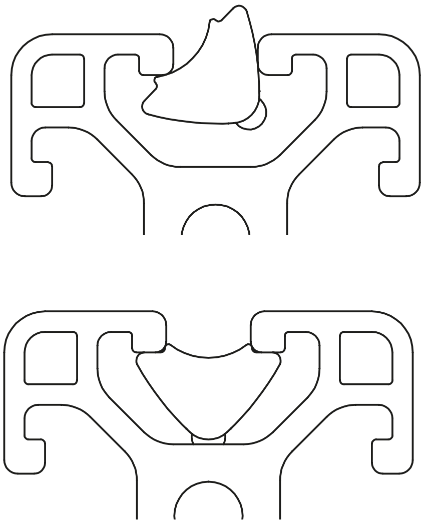
Available with various thread sizes

T-slot nuts can be swivelled into the profile slot or inserted into the end of the profile slot

A spring-loaded ball fixes the T-slot nut in the desired position after it has been swivelled/inserted in place

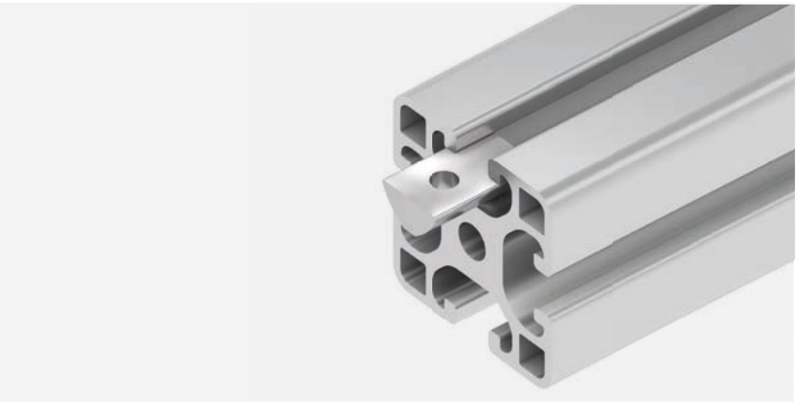
The bar on the top of the T-slot nut centres the nut in the slot





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut 6 with ball and bar	**6**	M3	Steel, zinc-plated	5.4	-	**354005**
	6	M4	Steel, zinc-plated	5.4	-	**354015**
	6	M5	Steel, zinc-plated	5.0	-	**354025**
	6	M6	Steel, zinc-plated	4.7	-	**354035**



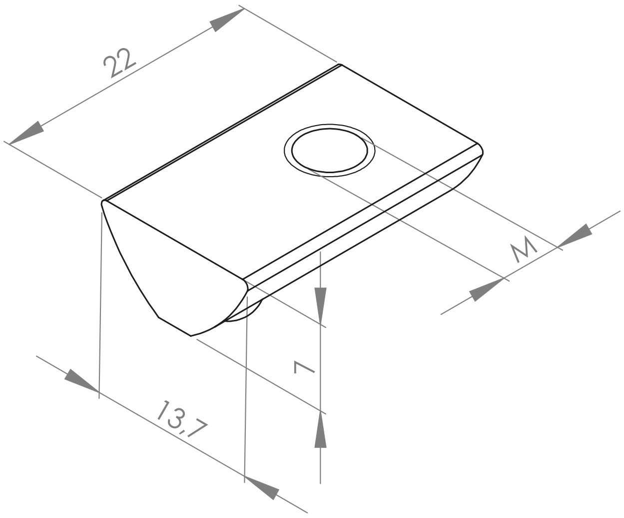
8

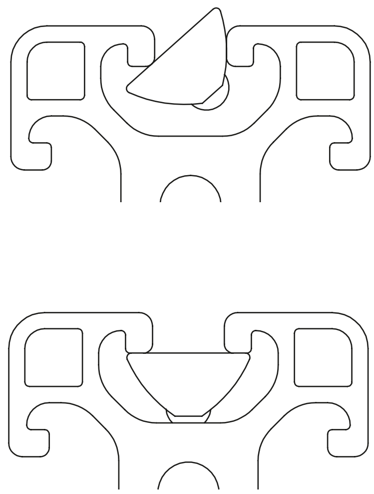
SWIVELLING T-SLOT NUT 8 WITH BALL (WITHOUT BAR)

T-slot nuts can be swivelled into the slot or inserted into the end of the profile slot

A spring-loaded ball fixes the T-slot nut in the desired position after it has been swivelled/inserted in place

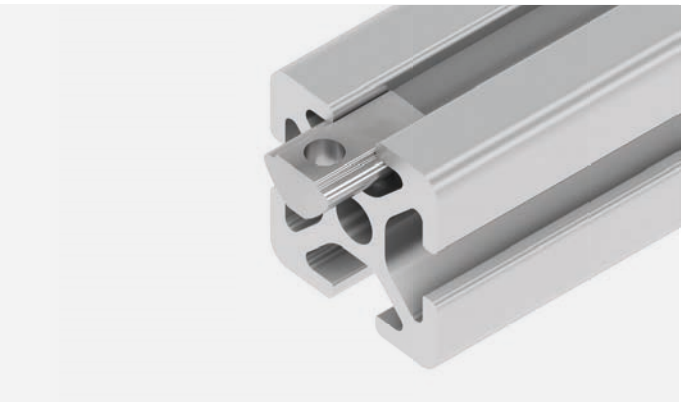
Available with various thread sizes and as an ESD version.





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut 8 with ball without bar	**8**	M3	Steel, zinc-plated	10.9	-	**998090**
	8	M3	Stainless steel	10.9	-	**998091**
	8	M4	Steel, zinc-plated	10.8	-	**998096**
	8	M4	Steel, zinc-plated	10.8	ESD	**998086**
	8	M4	Stainless steel	10.8	-	**998092**
	8	M5	Steel, zinc-plated	10.5	-	**998097**
	8	M5	Steel, zinc-plated	10.5	ESD	**998087**
	8	M5	Stainless steel	10.5	-	**998093**
	8	M6	Steel, zinc-plated	9.9	-	**998098**
	8	M6	Steel, zinc-plated	9.9	ESD	**998088**
	8	M6	Stainless steel	9.9	-	**998094**
	8	M8	Steel, zinc-plated	9.0	-	**998099**
	8	M8	Steel, zinc-plated	9.0	ESD	**998089**
	8	M8	Stainless steel	9.0	-	**998095**



8

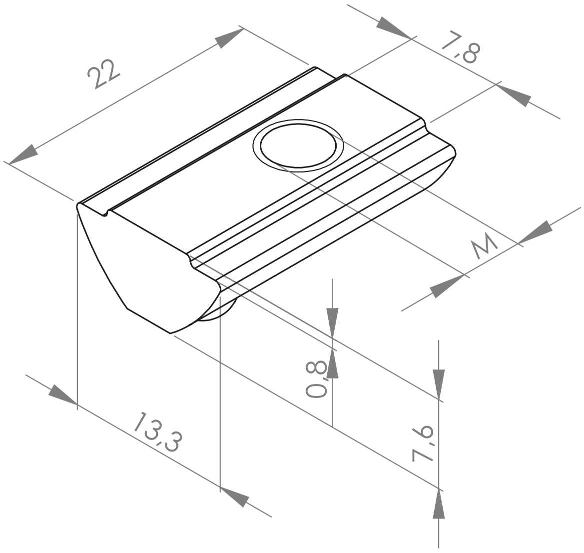
SWIVELLING T-SLOT NUT 8 WITH BALL AND BAR

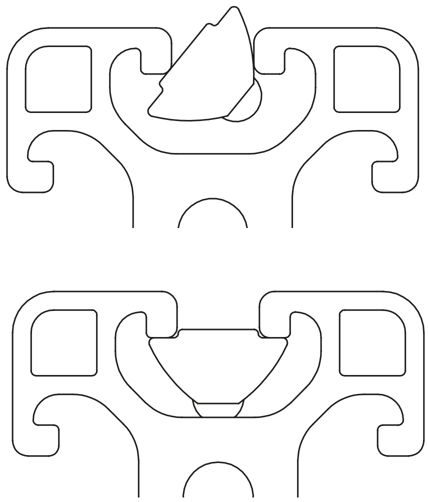
T-slot nuts can be swivelled into the profile slot or inserted into the end of the profile slot

A spring-loaded ball fixes the T-slot nut in the desired position after it has been swivelled/inserted in place

The bar on the top of the T-slot nut centres the nut in the slot

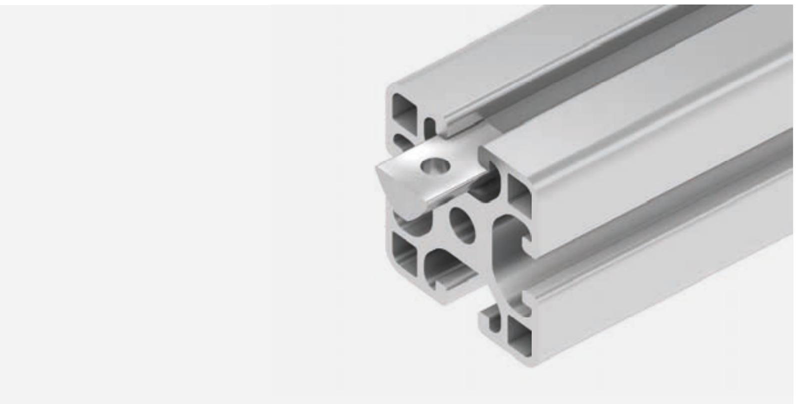
Available with various thread sizes and as an ESD version.





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut 8 with ball and bar	8	M3	Steel, zinc-plated	11.4	-	**355005**
	8	M4	Steel, zinc-plated	11.0	-	**355020**
	8	M4	Steel, zinc-plated	11.0		**355022**
	8	M5	Steel, zinc-plated	10.5	-	**355030**
	8	M5	Stainless steel	10.5	-	**355031**
	8	M5	Steel, zinc-plated	10.5		**355032**
	8	M6	Steel, zinc-plated	9.9	-	**355040**
	8	M6	Stainless steel	9.9	-	**355041**
	8	M6	Steel, zinc-plated	9.9		**355042**
	8	M8	Steel, zinc-plated	8.9	-	**355050**
	8	M8	Stainless steel	8.9	-	**355051**
	8	M8	Steel, zinc-plated	8.9		**355052**



8

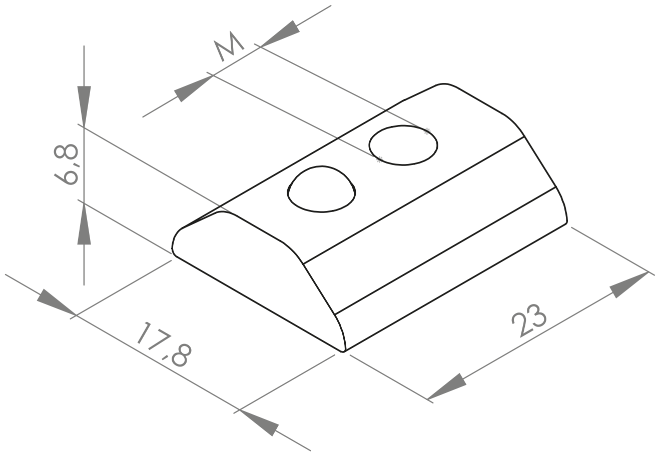
HEAVY-DUTY T-SLOT NUT 8 WITHOUT BAR (WITH SPRING BALL)

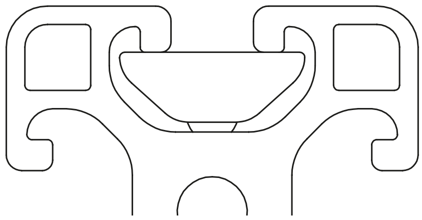
Available with various thread sizes

T-slot nuts are inserted into the end of the profile slot

A spring-loaded ball fixes the T-slot nut in the desired position after it has been inserted

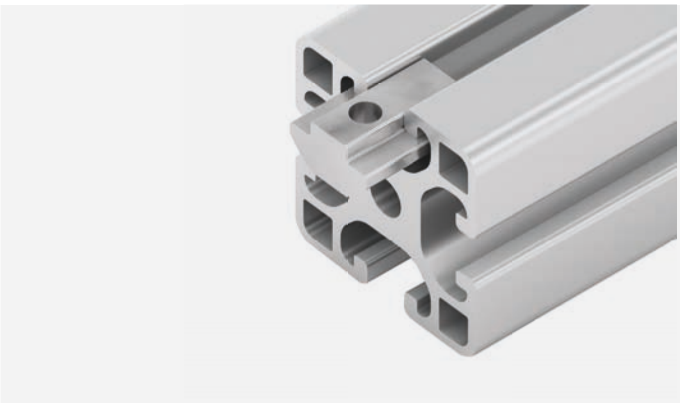
Heavy-duty T-slot nuts are ideal for higher loads





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Heavy duty T-slot nut 8, without bar (with spring ball)	**8**	M3	Steel, zinc-plated	14.8	-	**356005**
	8	M4	Steel, zinc-plated	14.8	-	**356010**
	8	M5	Steel, zinc-plated	13.7	-	**356020**



8

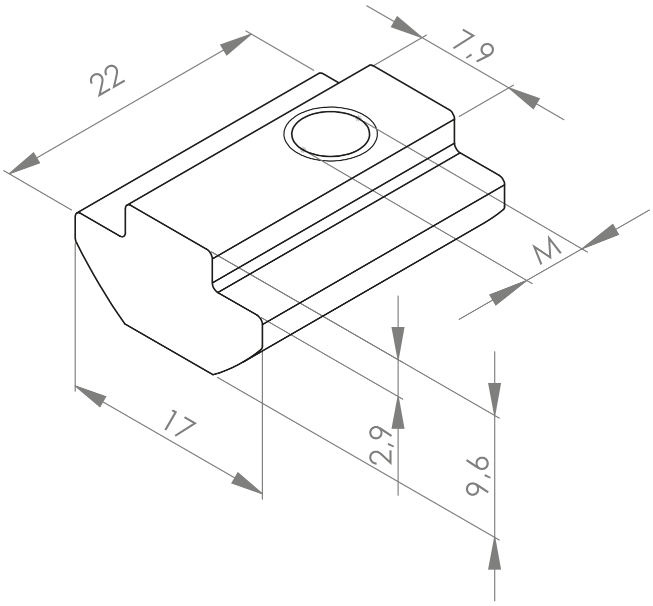
HEAVY-DUTY T-SLOT NUT 8 WITH BALL AND BAR (WITH SPRING BALL)

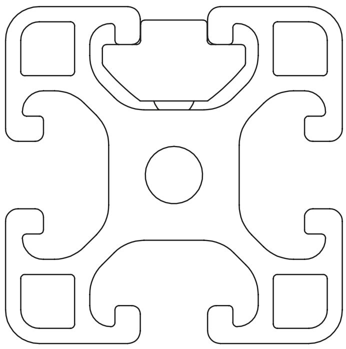
Available with various thread sizes

T-slot nuts are inserted into the end of the profile slot

A spring-loaded ball holds the T-slot nut in the desired position after it has been inserted

Heavy-duty T-slot nuts are ideal for higher loads





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Heavy duty T-slot nut 8 with bar and bar (with spring ball)	**8**	M4	Steel, zinc-plated	19.1	-	**356030**
	8	M5	Steel, zinc-plated	18.5	-	**356040**
	8	M6	Steel, zinc-plated	17.8	-	**356050**
	8	M8	Steel, zinc-plated	16.1	-	**356060**

8

SWIVELLING DOUBLE T-SLOT NUTS 8 WITH BALL AND BAR

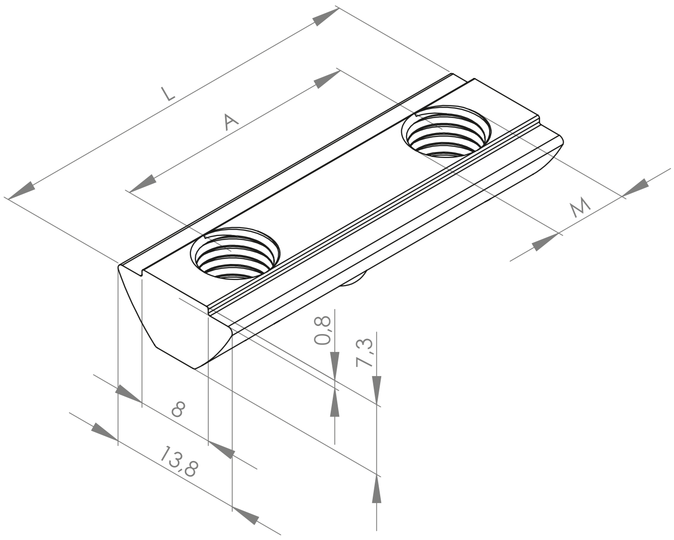
Available with various thread sizes

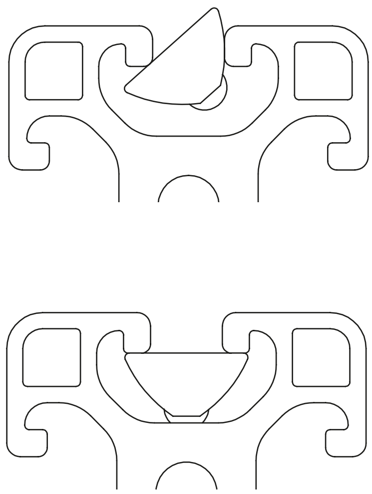
T-slot nuts can be swivelled into the profile slot or inserted into the end of the profile slot

A spring-loaded ball fixes the T-slot nut in the desired position after it has been swivelled/inserted in place

The bar on the top of the T-slot nut centres the nut in the slot

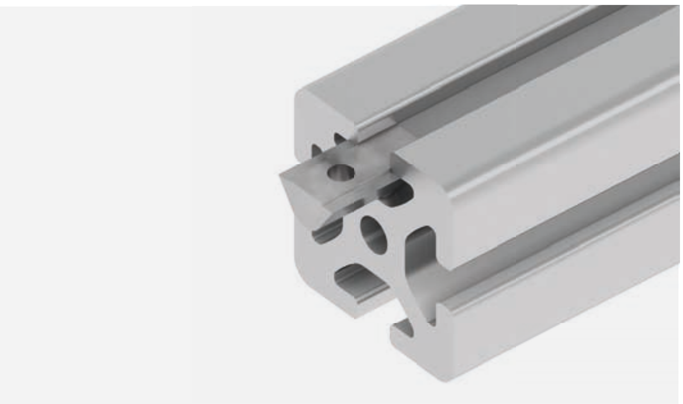
Available in a conductive (ESD) version





Positioning the T-slot nut

Description	Slot	M (mm)	L (mm)	A (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut 8 2x M6 L=36 mm with ball and bar	8	6	36	26.4	Steel, zinc-plated	-	-	**355045**
Swivelling T-slot nut 8 2x M6 L=76 mm with ball and bar	8	6	76	66.4	Steel, zinc-plated	-	-	**355057**
Swivelling T-slot nut 8 2xM8 L=36 mm with ball and bar	8	8	36	24	Steel, zinc-plated	-	-	**355054**
Swivelling T-slot nut 8 2xM8 L=40 mm with ball and bar	8	8	40	26	Steel, zinc-plated	-	-	**355055**
Swivelling T-slot nut 8 2xM8 L=80 mm with ball and bar	8	8	80	65.5	Steel, zinc-plated	-	ESD	**355056**



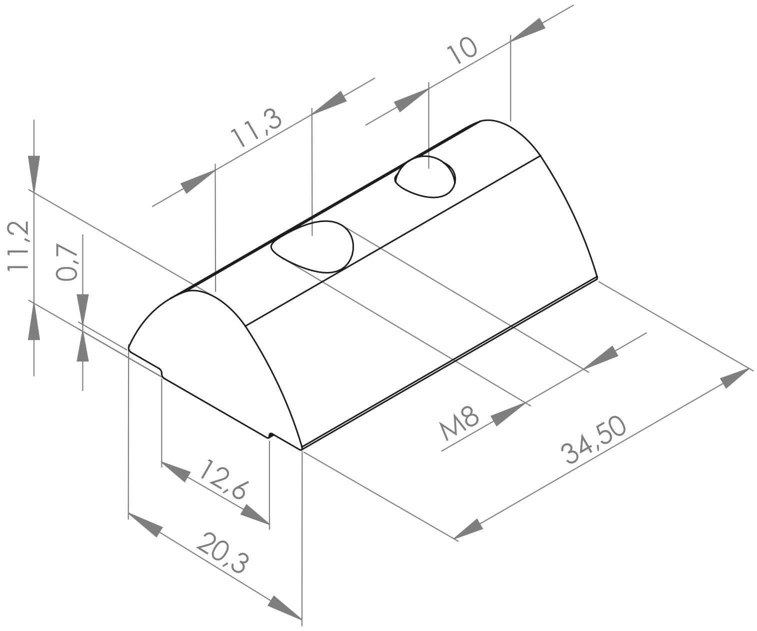
12

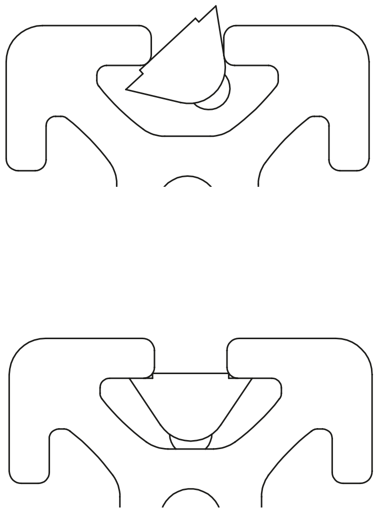
SWIVELLING T-SLOT NUT 12 WITH BALL AND BAR

Available with various thread sizes

T-slot nuts can be swivelled into the slot or inserted into the end of the profile slot

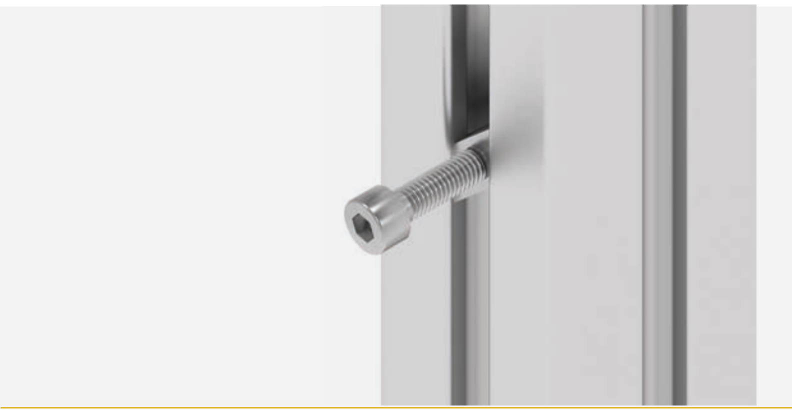
A spring-loaded ball fixes the T-slot nut in the desired position after it has been swivelled/inserted in place





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut 12 with ball and bar	**12**	M6	Steel, zinc-plated	38.0	-	**99901188**
	12	M8	Steel, zinc-plated	35.0	-	**99901189**
	12	M10	Steel, zinc-plated	32.0	-	**99901190**
	12	M12	Steel, zinc-plated	29.0	-	**99901191**



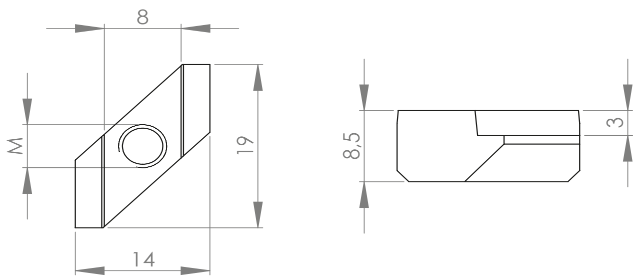
8

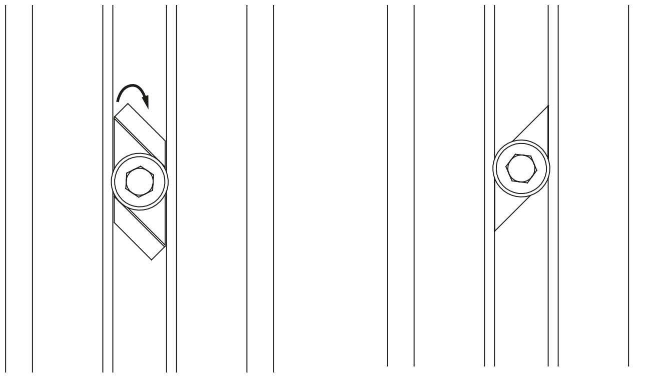
RHOMBUS NUT 8

Fastening elements for straightforward mounting of components in profile slots.

Locking the nut in the slot creates a fixed threaded element. The rhombus nut is automatically locked in the slot when the screw is tightened.

If necessary, the rhombus nuts can be pre-assembled with the screw on the component being attached and inserted at any point in the profile slot.





Positioning the rhombus nut by turning it clockwise

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Rhombus nut 8	**8**	M3	Die-cast zinc	-	-	**357001**
	8	M4	Die-cast zinc	-	-	**357005**
	8	M5	Die-cast zinc	-	-	**357010**
	8	M6	Die-cast zinc	-	-	**357020**

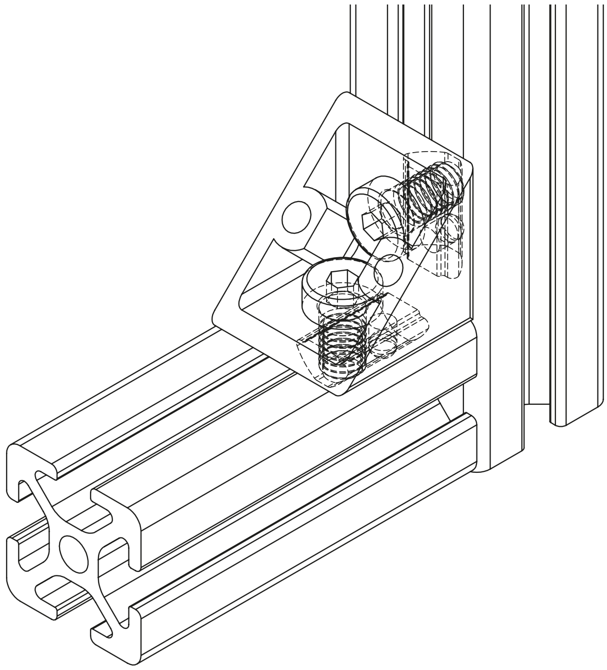
5

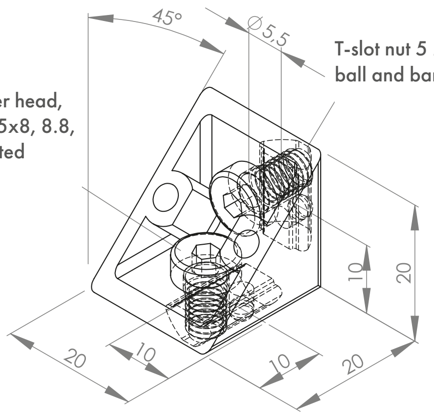
ANGLE BRACKET 5 20x20 ZINC, ALUMINIUM COLOUR

Material: Angle bracket: die-cast zinc, aluminium colour, powder-coated

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.

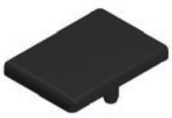




Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 5 20x20 zinc, aluminium colour	5	Die-cast zinc	20x20	Without fastening kit	-		**351211**
Angle bracket 5 20x20 zinc, aluminium colour with fastening kit	5	Die-cast zinc	20x20	With fastening kit*	-		**351221**

Fastening kit: *
2x screws, cylinder head, DIN 7984, M5x 8, 8.8, steel, zinc-plated
2x swivelling T-slot nuts 5 M5 with ball and bar, steel, zinc-plated

COVER CAP 20x20
Material: PA plastic



Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for angle bracket 5 20x20	5	PA plastic	20x20	Black	-	**321132**

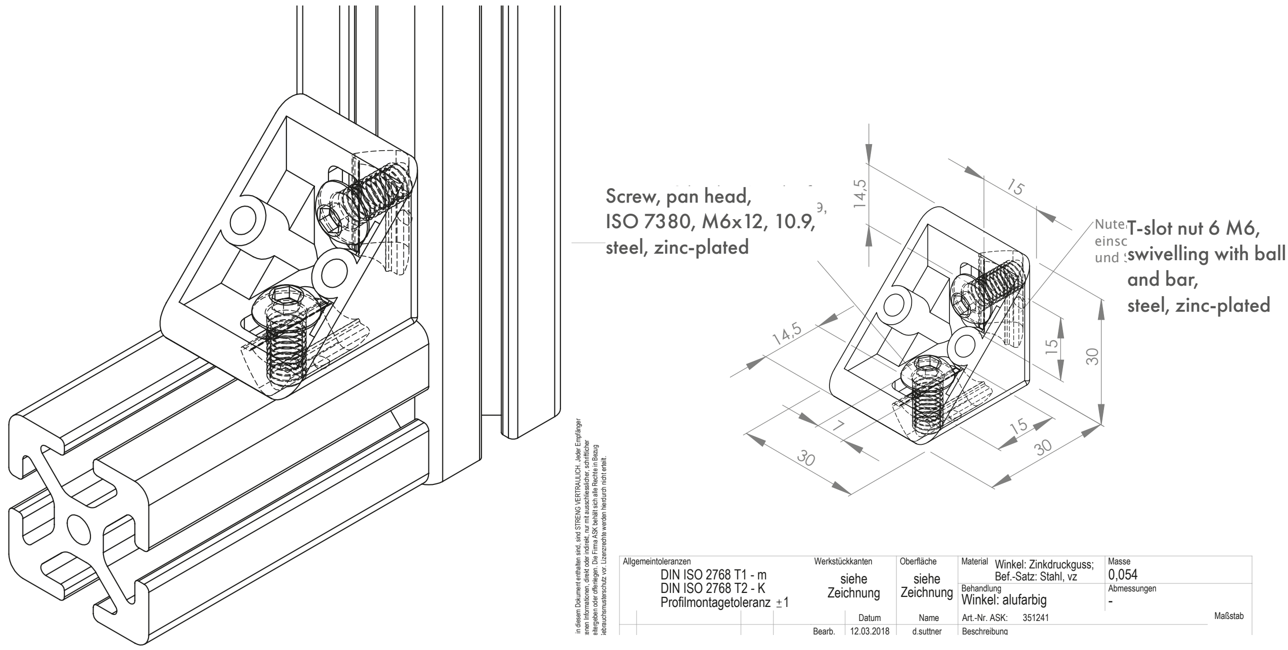
6

ANGLE BRACKET 6 30x30 ZINC, ALUMINIUM COLOUR

Angle bracket material: die-cast zinc, aluminium colour, powder-coated (similar to RAL 9006)

For connecting two profiles at a 90° angle.

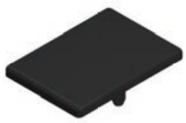
Mounting this item does not require any profile processing.



Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 6 30x30 zinc, aluminium colour	6	Die-cast zinc	30x30	Without fastening kit	-	ESD	**351231**
Angle bracket 6 30x30 zinc, aluminium colour with fastening kit	6	Die-cast zinc	30x30	With fastening kit*	-	ESD	**351241**

Fastening kit: *
2x screws, pan head, ISO 7380, M6x12, 10.9, steel, zinc-plated
2x swivelling T-slot nuts 6 M6 with ball and bar, steel, zinc-plated

COVER CAP 30x30
Material: PA plastic



Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for angle bracket 6 30x30	6	PA plastic	30x30	Black	-	**321143**

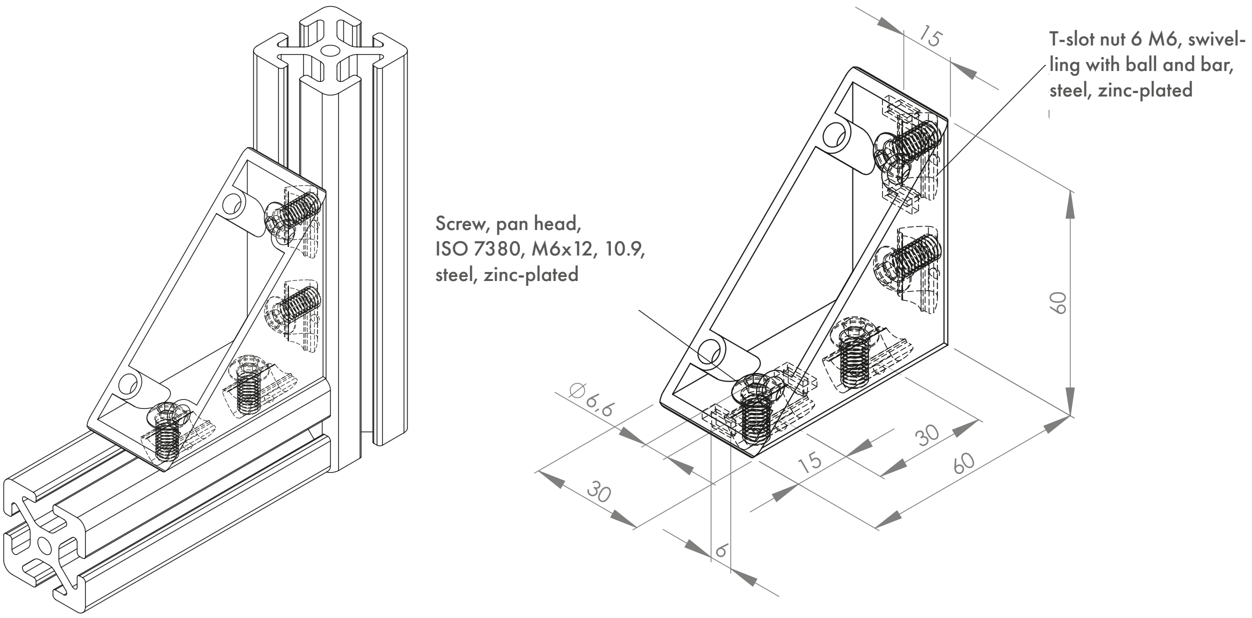
6

ANGLE BRACKET 6 30x60 ZINC, ALUMINIUM COLOUR

Angle bracket material: Die-cast zinc, aluminium colour, powder-coated (similar to RAL 9006)

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 6 30x60 zinc, aluminium colour	6	Die-cast zinc	30x60	Without fastening kit	-		**351242**
Angle bracket 6 30x60 zinc, aluminium colour with fastening kit	6	Die-cast zinc	30x60	With fastening kit*	-		**351243**

Fastening kit: *
4x screws, pan head, ISO 7380, M6x12, 10.9, steel, zinc-plated
4x swivelling T-slot nuts 6 M6 with ball and bar, steel, zinc-plated

COVER CAP 30x60
Material: PA plastic

Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for angle bracket 6 30x60	6	PA plastic	30x60	Black	-	**321144**

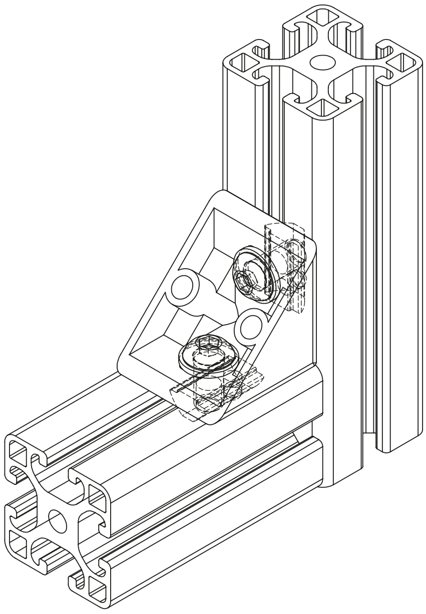
8

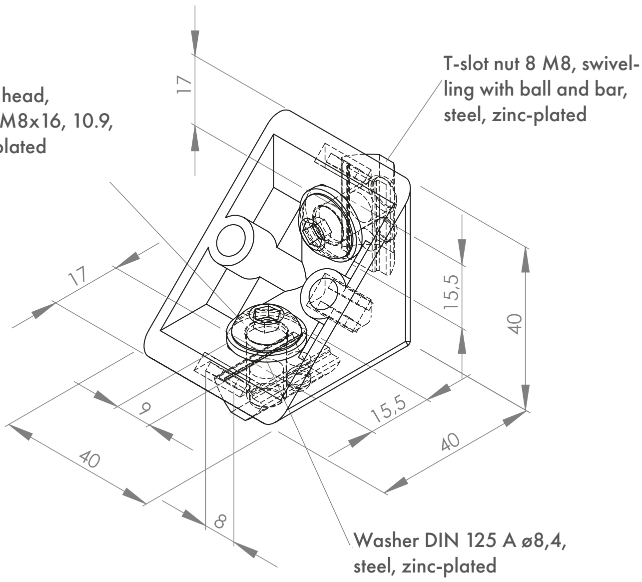
ANGLE BRACKET 8 40x40, ZINC, ALUMINIUM COLOUR

Angle bracket material: Die-cast zinc, aluminium colour, powder-coated (similar to RAL 9006)

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.

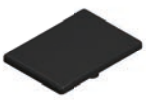




Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 8 40x40 zinc, aluminium colour	8	Die-cast zinc	40x40	Without fastening kit	-		**351252**
Angle bracket 8 40x40 zinc, aluminium colour with fastening kit	8	Die-cast zinc	40x40	With fastening kit*	-		**351262**

Fastening kit: *
2x screws, pan head, ISO 7380, M8x16, 10.9, steel, zinc-plated
2x swivelling T-slot nuts 8 M8 with ball and bar, steel, zinc-plated
2x washers DIN 125 A Ø8.4, steel, zinc-plated

COVER CAP 40x40
Material: PA plastic



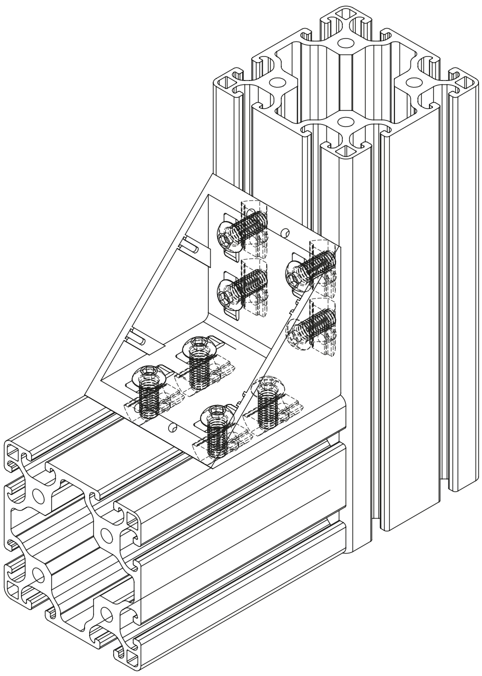
Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for angle bracket 8 40x40	8	PA plastic	40x40	Black	-	**35125210**

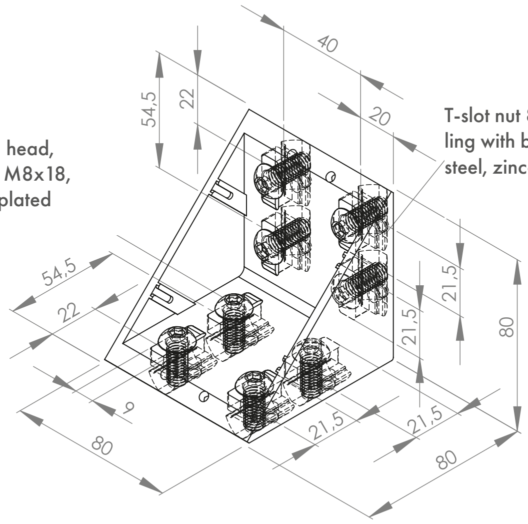
8

ANGLE BRACKET 8 80x80, ZINC, ALUMINIUM COLOUR

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



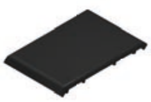


Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 8 80x80 zinc, aluminium colour	8	Die-cast zinc	80x80	Without fastening kit	-		**351111**
Angle bracket 8 80x80 zinc, aluminium colour with fastening kit	8	Die-cast zinc	80x80	With fastening kit*	-		**351121**

Fastening kit: *
8x screws, pan head, ISO 7380, M8x18, 10.9, steel, zinc-plated
8x swivelling T-slot nuts 8 M8 with ball and bar, steel, zinc-plated
8x washers DIN 125 A Ø8.4, steel, zinc-plated

COVER CAP 80x80

Material: PA plastic



Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for angle bracket 8 80x80	8	PA plastic	80x80	Black	-	**321175**

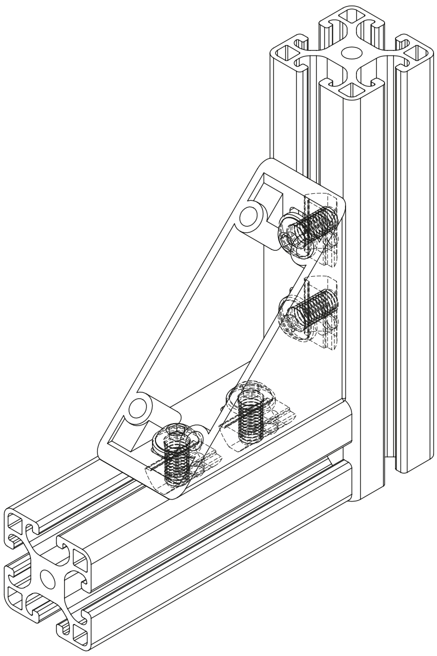
8

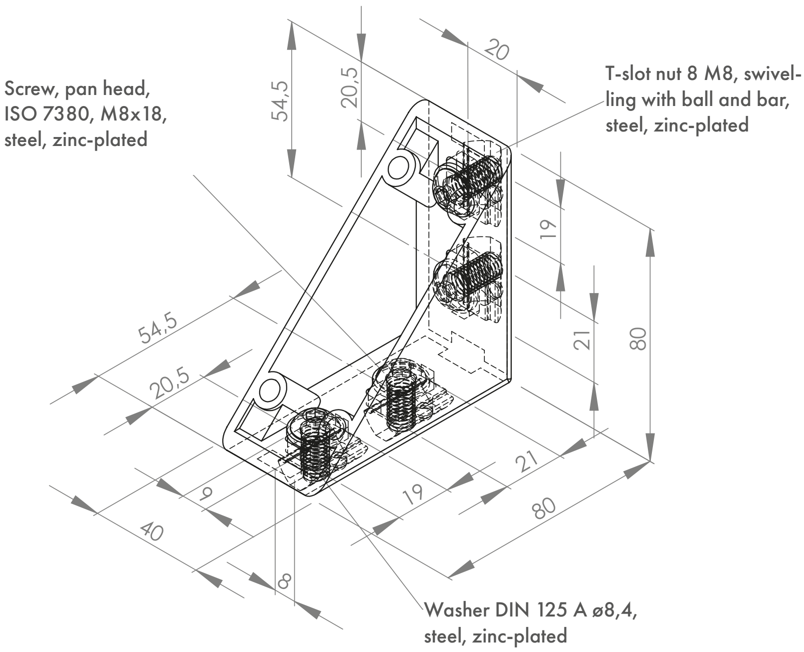
ANGLE BRACKET 8 40x80, ZINC, ALUMINIUM COLOUR

Angle bracket material: die-cast zinc, aluminium colour, powder-coated (similar to RAL 9006)

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.





Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 8 40x80 zinc, aluminium colour	8	Die-cast zinc	40x80	Without fastening kit	-		**351291**
Angle bracket 8 40x80 zinc, aluminium colour with fastening kit	8	Die-cast zinc	40x80	With fastening kit*	-		**351301**

Fastening kit: *
4x screws, pan head, ISO 7380, M8x16, 10.9, steel, zinc-plated
4x swivelling T-slot nuts 8 M8 with ball and bar, steel, zinc-plated
4x washers DIN 125 A Ø8.4, steel, zinc-plated

COVER CAP 40x80

Material: PA plastic

Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for angle bracket 8 40x80	8	PA plastic	40x80	Black	-	**321148**

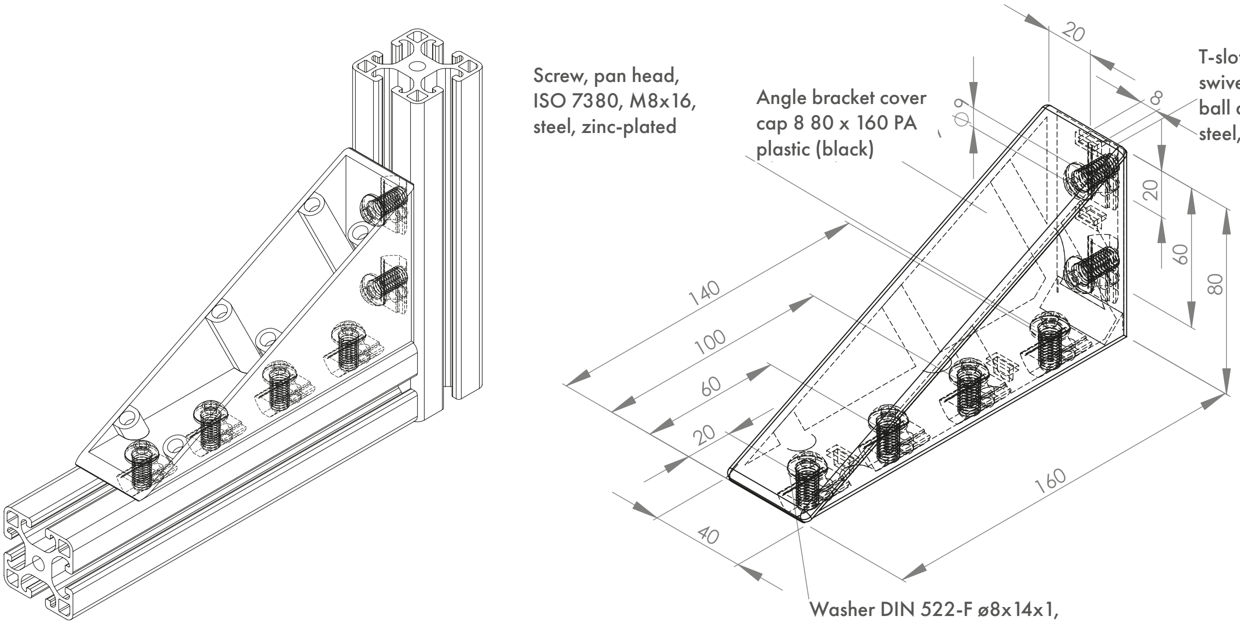
8

ANGLE BRACKET 8 80x160 ZINC, ALUMINIUM COLOUR

Angle bracket material: die-cast zinc, aluminium colour, powder-coated (similar to RAL 9006)

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 8 80x160 zinc, aluminium colour	8	Die-cast zinc	80x160	Without fastening kit	-		**351311**
Angle bracket 8 80x160 zinc, aluminium colour with fastening kit and cover cap	8	Die-cast zinc	80x160	With fastening kit*	-		**351321**

Fastening kit: *
1x cover cap for angle bracket 8 80x160, PA plastic (black)
4x screws, pan head, ISO 7380, M8x16, 10.9, steel, zinc-plated
4x swivelling T-slot nuts 8 M8 with ball and bar, steel, zinc-plated
4x washers DIN 522-F Ø 8x14x1, steel, zinc-plated

COVER CAP 80x160
Material: PA plastic

Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for angle bracket 80x160	8	PA plastic	80x160	Black	-	**321176**

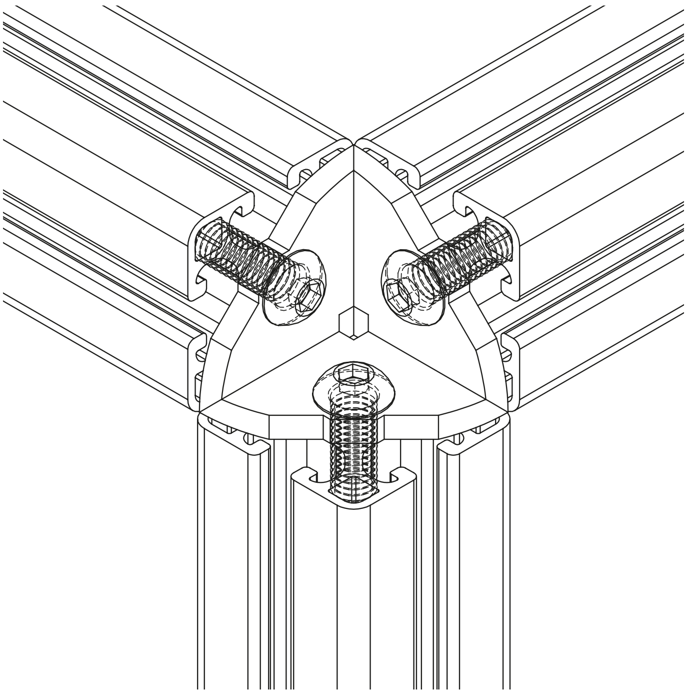
CORNER BRACKET SETS

6 8

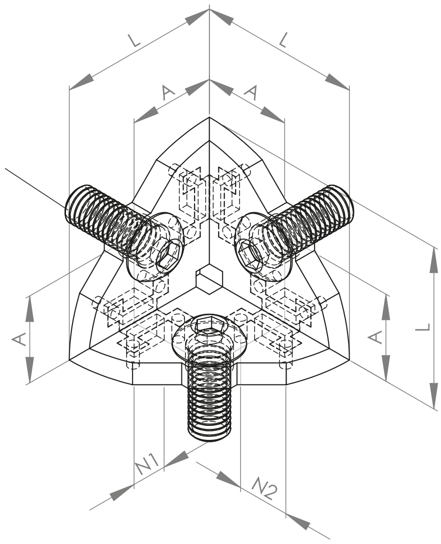
Angle bracket material: die-cast zinc

For connecting three profiles to form a corner joint.

To assemble the items, all three elements being connected require a thread of the appropriate size.



Screw, pan head ISO 7380, 10.9, steel, zinc-plated



Description	Slot	L (mm)	A (mm)	N1 (mm)	N2 (mm)	Version	Weight (g)	ESD	Art. no.:
Corner bracket set 6 30	6	27.5	15	6.25	12	Fastening kit*	-		352005
Corner bracket set 8 40	8	37.5	20	6.5	12	Fastening kit**	-		352010

Fastening kit: *	Fastening kit: **
3x screws, pan head, ISO 7380, M6x16, 10.9, steel, zinc-plated	3x screws, pan head, ISO 7380, M8x20, 10.9, steel, zinc-plated

COVER CAPS FOR CORNER BRACKETS

Material: PA plastic

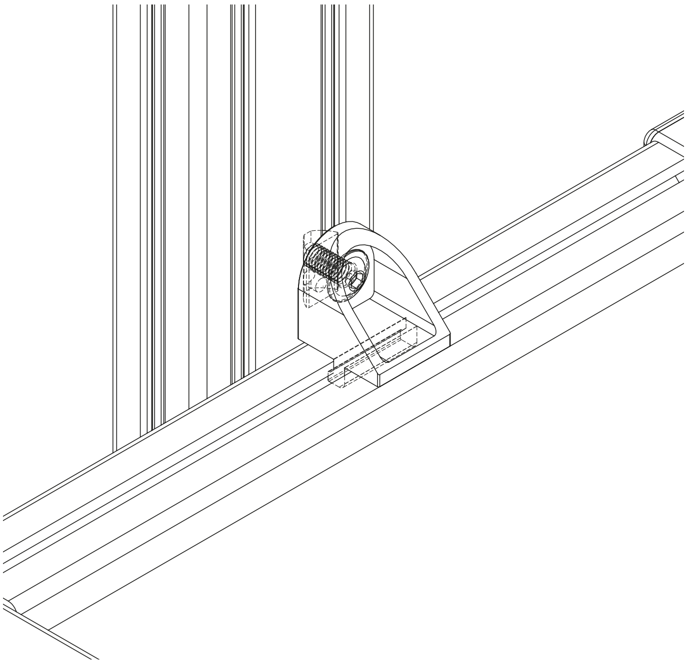
Description	Slot	Material	Dimensions (mm)	Version	Weight (g)	Art. no.:
Cover cap for corner bracket 6 30 square angle	6	PA plastic	30 square angle	Black	46	352015
Cover cap for corner bracket 8 40 square angle	8	PA plastic	40 square angle	Black	46	352020
Cover cap for corner bracket 6 30 radius angle	6	PA plastic	30 radius angle	Black	46	352016
Cover cap for corner bracket 8 40 radius angle	8	PA plastic	40 radius angle	Black	46	352030

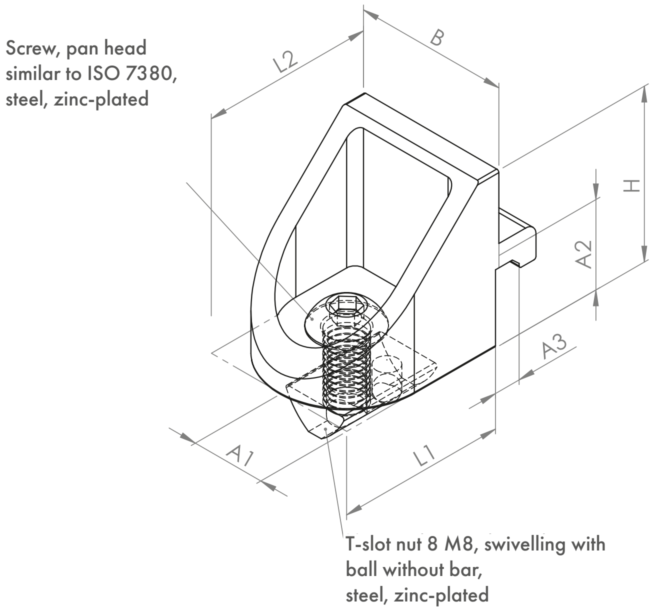
CLAMPING BRACKETS WITH FASTENING KITS

Material: Angle bracket: die-cast aluminium, white aluminium (RAL 9006)

For connecting two profiles at any angle.

Mounting this item does not require any profile processing.





Description	Slot	L1 (mm)	L2 (mm)	B (mm)	H (mm)	A1 (mm)	A2 (mm)	A3 (mm)	Version	Weight (g)	Art. no.:
Clamping brackets set 5	**5**	17.2	18	16	18	8	8.7	2.8	Fastening kit*	16.0	**351208**
Clamping brackets set 8	**8**	35.2	36	32	36	16	17.2	5.6	Fastening kit**	130.0	**351210**

Fastening kit:*	**Fastening kit:****
1x swivelling T-slot nut 5 M5 with ball (without bar), steel, zinc-plated	1x swivelling T-slot nut 8 M8 with ball (without bar), steel, zinc-plated
1x screw, pan head with flange similar to ISO 7380, M5x8, steel, zinc-plated	1x screw, pan head with flange similar to ISO 7380, M8x18, steel, zinc-plated

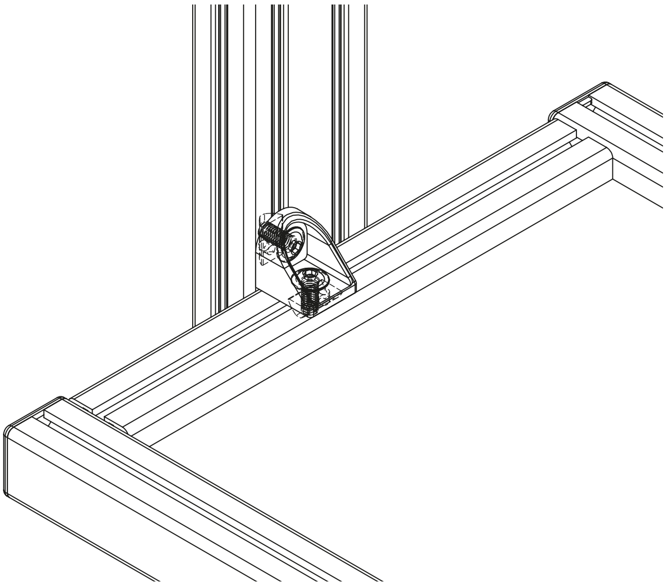
5 8

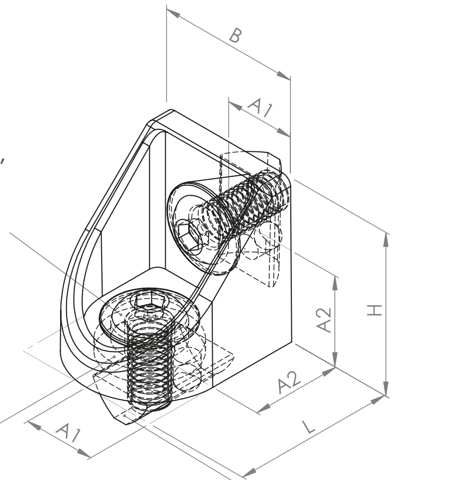
JOINT ANGLE BRACKET WITH FASTENING KIT

Angle bracket material: die-cast aluminium, white aluminium (RAL 9006)

For connecting two profiles at any angle.

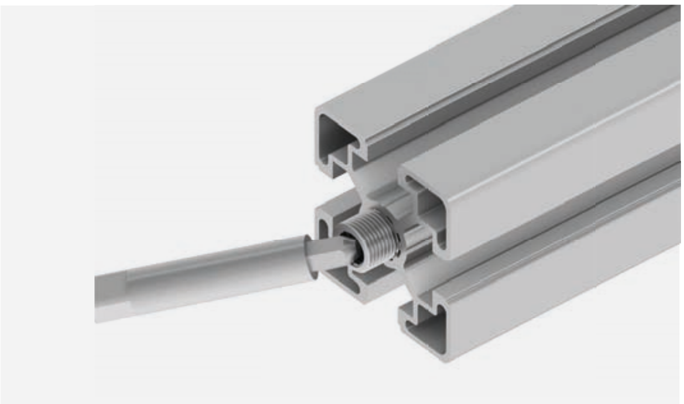
Mounting this item does not require any profile processing.





Description	Slot	L (mm)	B (mm)	H (mm)	A1 (mm)	A2 (mm)	Version	Weight (g)	Art. no.:
Joint angle bracket set 5	**5**	18	16	18	8	10	With fastening kit*	-	**351218**
Joint angle bracket set 8	**8**	36	32	36	16	20	With fastening kit**	-	**351220**

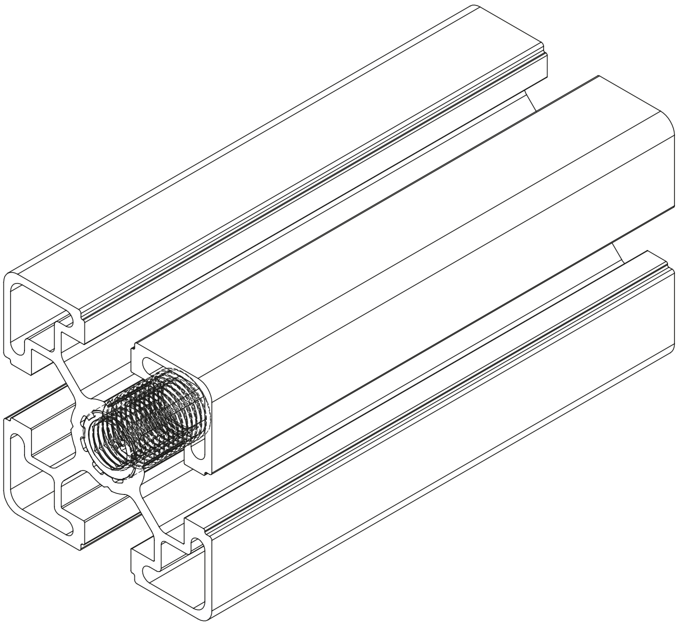
Fastening kit:*	**Fastening kit:****
1x bearing bush, steel zinc-plated	1x bearing bush, steel zinc-plated
2x swivelling T-slot nuts 5 M5 with ball (without bar), steel, zinc-plated	2x swivelling T-slot nuts 8 M8 with ball (without bar), steel zinc-plated
1x screw, pan head with flange similar to ISO 7380, M5x8, steel, zinc-plated	2x screws pan head with flange similar to ISO 7380, M8x18, steel zinc-plated
1x screw, pan head with flange similar to ISO 7380 M5x10, steel, zinc-plated	

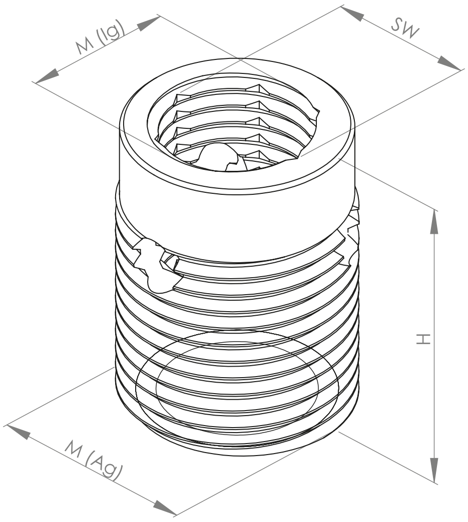


THREADED INSERTS AND ASSEMBLY TOOLS

Material: steel, zinc-plated

For reducing an M12 thread to M8, (S12 | M8)
or: For reducing an M8 thread to M5, (S8 | M5).





Description M6	M external thread (Ag)	M internal thread (Ig)	H (mm)	SW (mm)	Weight (g)	ESD	Art. no.:
Threaded insert S12 | M8 BR45 (B)	12	8	16	6	3.9		**343010**
Threaded insert S8 | M5 BR40 (i)	8	5	7	4	1.2		**343015**

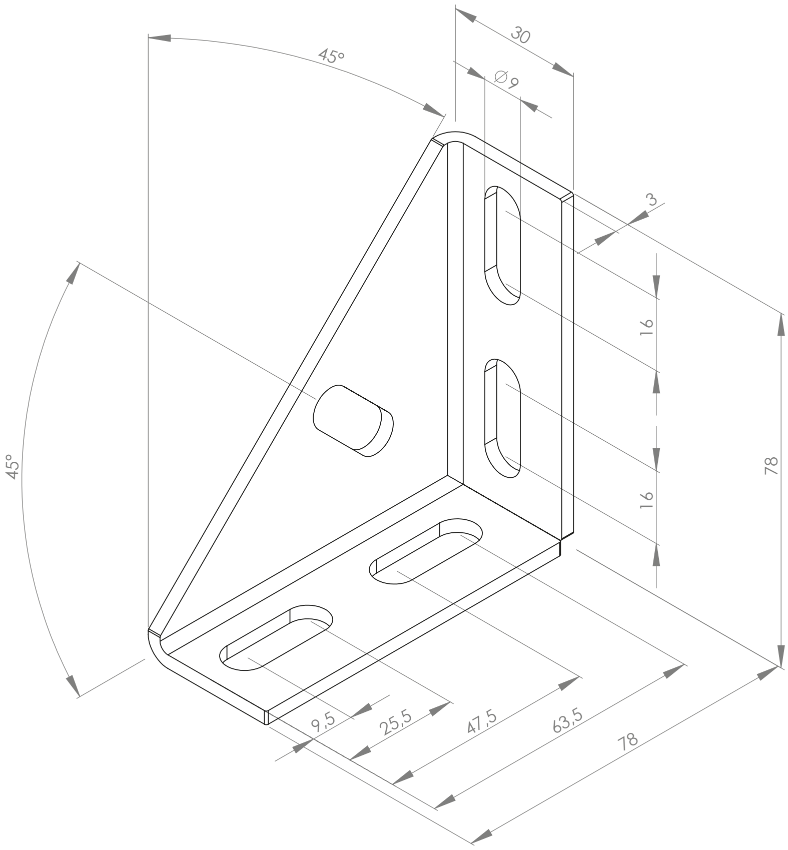
Description	SW (mm)	Weight (g)	Art. no.:
Assembly tool			
Assembly tool S12 | M8	6	31.8	**343020**

ANGLE BRACKET 78x78x30

Material: Angle bracket: steel, zinc-plated

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



Description	Slot	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Angle bracket 78x78x30	-	78x78x30	-	160.0		**321450**

8

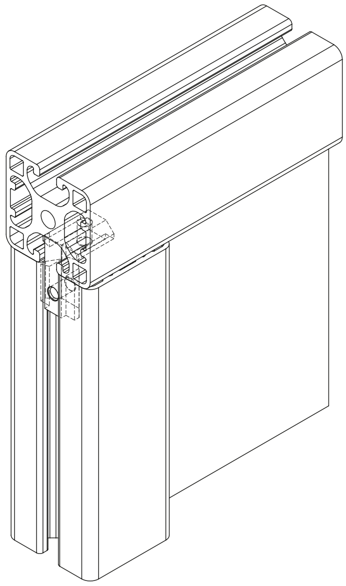
INSIDE BRACKET SLOT 8 | SLOT 8 R

Angle bracket: die-cast zinc; grub screw: steel, zinc-plated

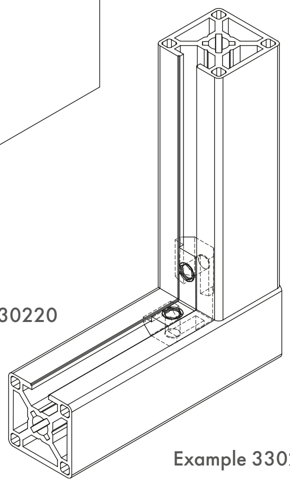
For connecting two profiles at a 90° angle

The angle bracket is inserted into the slots of the two profiles and tightened using the grub screw.

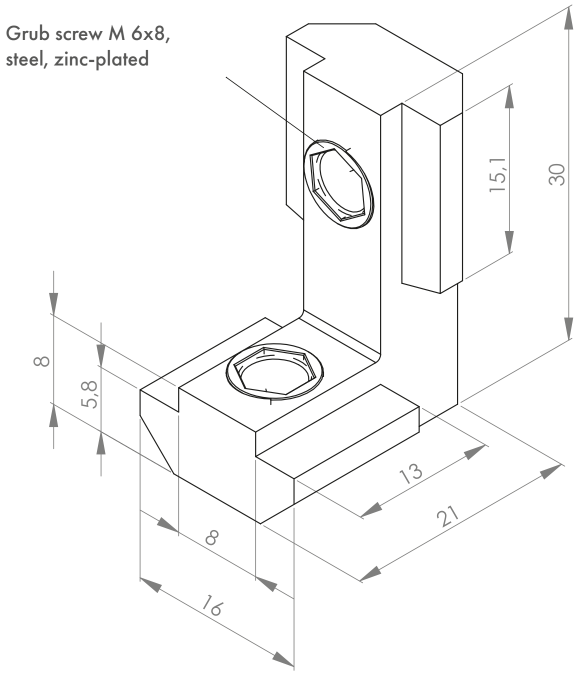
Mounting this item does not require any profile processing.



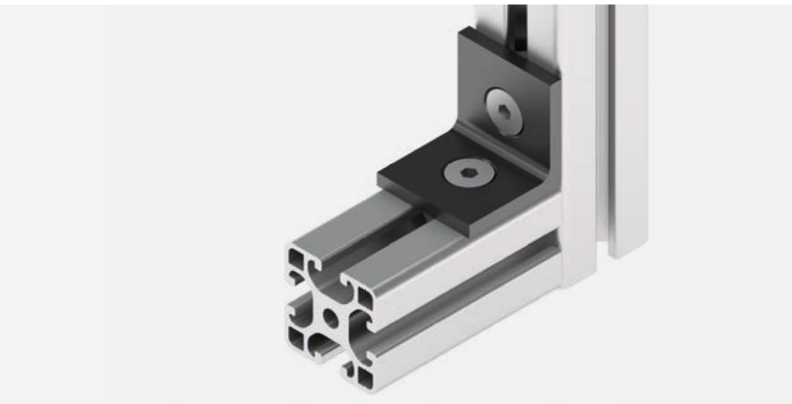
Example 330220



Example 330230



Description	Slot	Fastening	Version	Weight (g)	ESD	Art. no.:
Inside bracket slot 8 R	**8**	Inside	With grub screw	28.2		**330230**
Inside bracket slot 8	**8**	Outside	With grub screw	23.4		**330220**



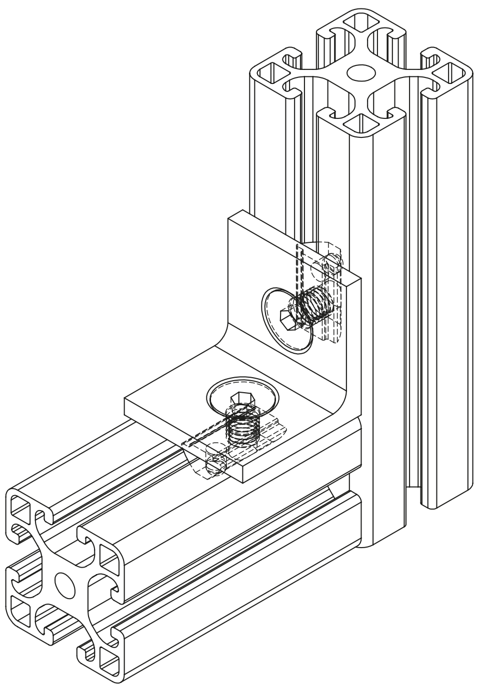
STEEL ANGLE BRACKET

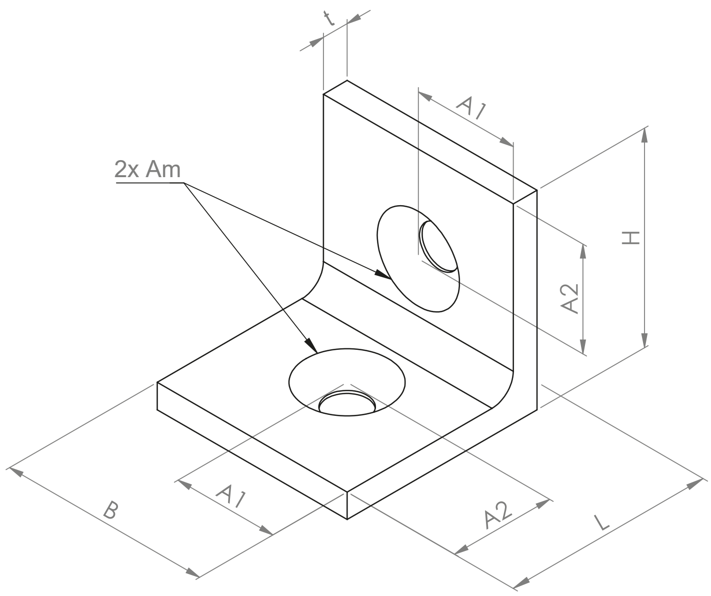
Material: Steel, powder-coated

The item is delivered **without** mounting materials

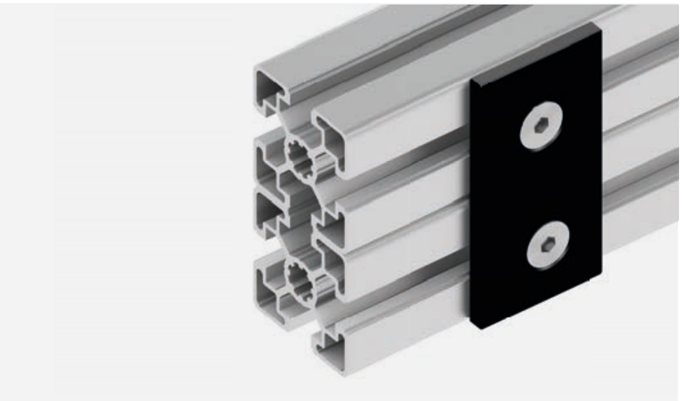
- No profile processing required.

For connecting two profiles or components at a 90° angle.





Description	L (mm)	B (mm)	H (mm)	D (mm)	A1 (mm)	A2 (mm)	t (mm)	Version	Weight (g)	Art. no.:
Angle bracket 20x20x20 t=3, 2x Am 5	20	20	20	2x Am5	10	**10**	**3**	Black	15.3	**99900221**
Angle bracket 30x30x30 t=3, 2x Am6	30	30	30	2x Am6	15	**15**	**3**	Black	40.0	**358015**
Angle bracket 40x40x40 t=5, 2x Am8	40	40	40	2x Am8	20	**20**	**5**	Black	110.0	**358035**
Angle bracket 40x40x40 t=5, 2x Am 8	40	40	40	2x Am8	20	**20**	**5**	White aluminium similar to RAL 9006	110.0	**358135**



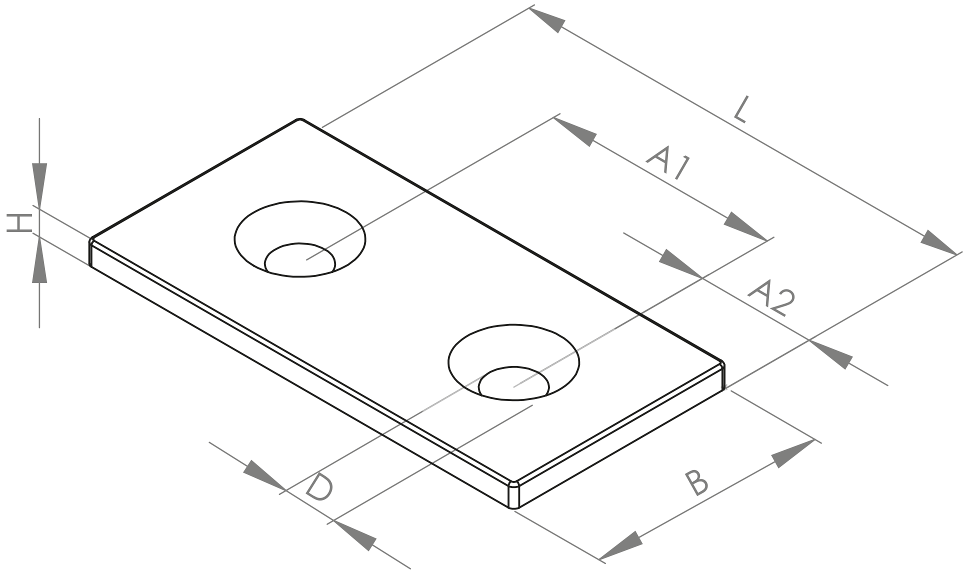
CONNECTION TABS

Material: steel, black powder-coated

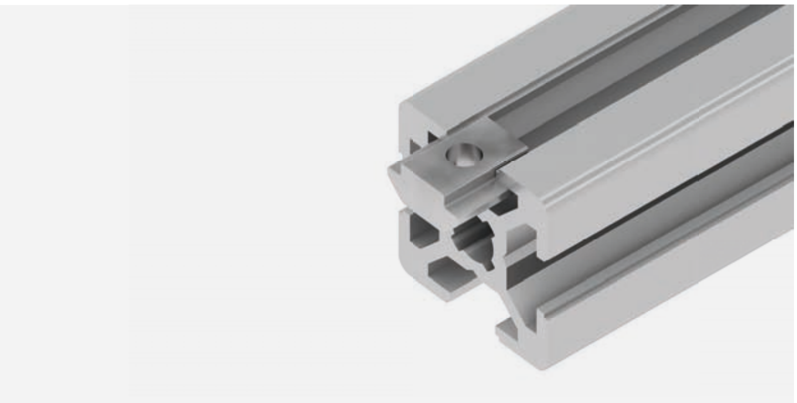
The item is delivered **without** mounting materials

- No profile processing required.

For connecting two profiles parallel to one another.



Description	B (mm)	L (mm)	A1 (mm)	A2 (mm)	H (mm)	D (mm)	Weight (g)	Art. no.:
Tab 20x40 t=3, 2x Am 5	20	40	20	10	3	Am5	-	**99900543**
Tab 30x60 t=3, 2x Am 6	30	60	30	15	3	Am6	-	**358010**
Tab 40x80 t=5, 2x Am 8	40	80	40	20	5	Am8	-	**358025**
Tab 45x90 t=5, 2x Am 8	45	90	45	22.5	5	Am8	-	**99900400**



6

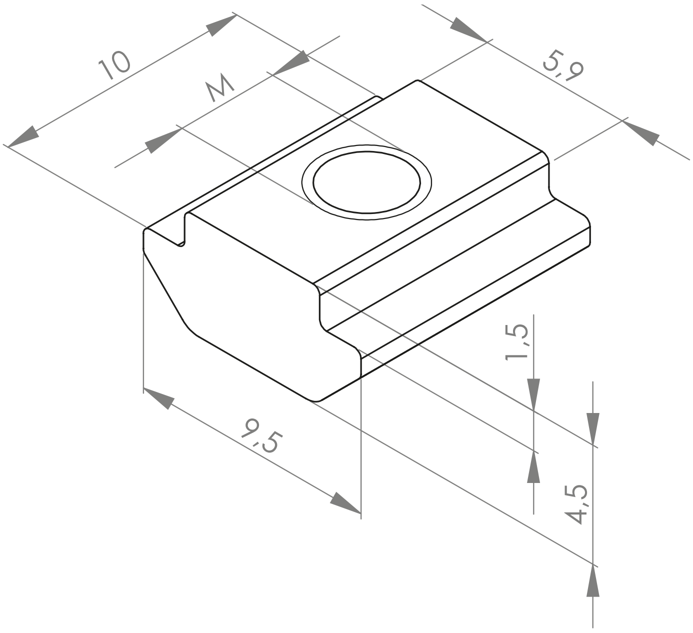
HEAVY-DUTY T-SLOT NUT SLOT 6

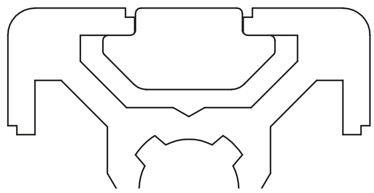
Material: steel, zinc-plated

Available with various thread sizes

The heavy-duty T-slot nuts are inserted into the end of the profile slot.

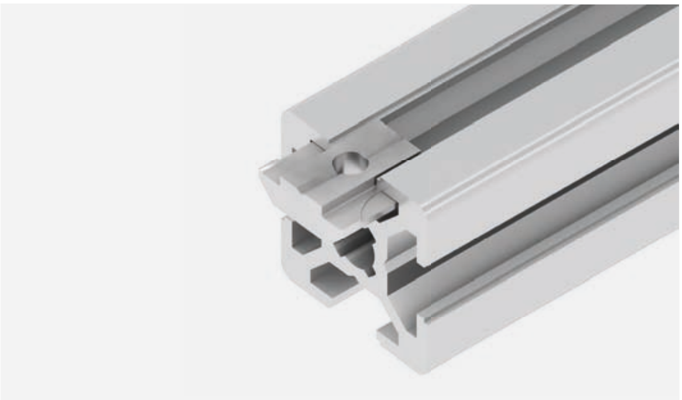
The bar of the T-slot nut centres the T-slot nut in the slot. **No** matching spring is available for this T-slot nut





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Heavy-duty T-slot nut slot 6	**6**	M4	steel, zinc-plated	2.1	-	**331200**
	6	M5	steel, zinc-plated	1.9	-	**331205**



6

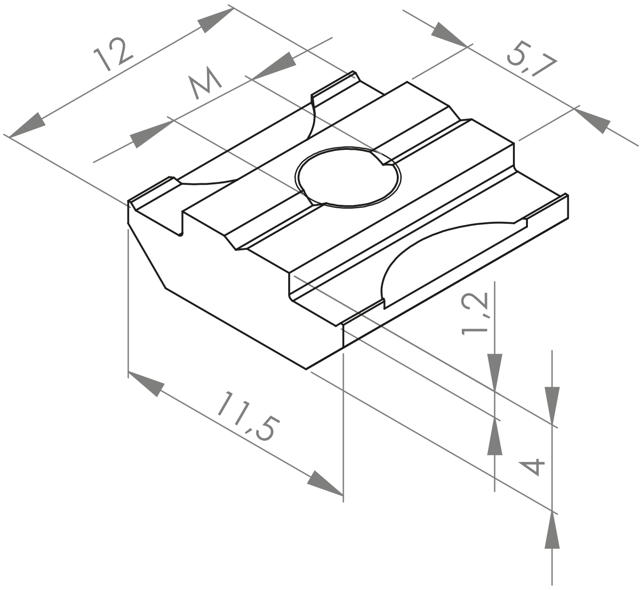
HEAVY-DUTY T-SLOT NUT SLOT 6

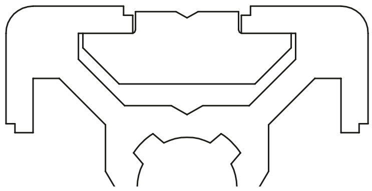
Material: stainless steel

Available with various thread sizes

The heavy-duty T-slot nuts are inserted into the end of the profile slot.

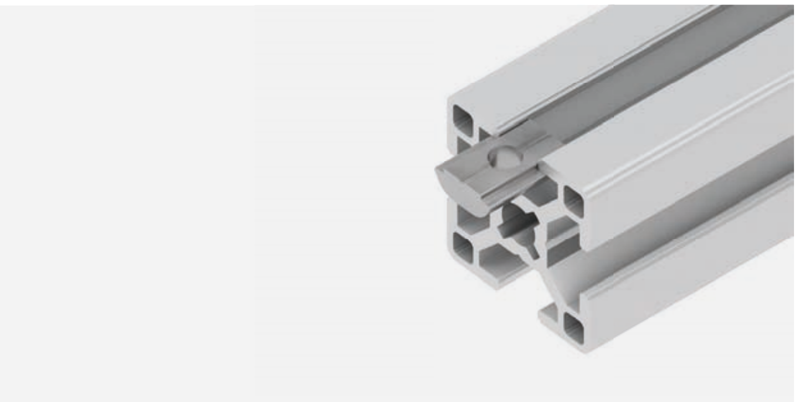
The bar of the T-slot nut centres the T-slot nut in the slot. A matching spring for fixing the T-slot nut in the slot can be found on **page 299**





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Heavy-duty T-slot nut slot 6	**6**	M4	stainless steel	2.8		**331201**
	6	M5	stainless steel	2.7		**331206**



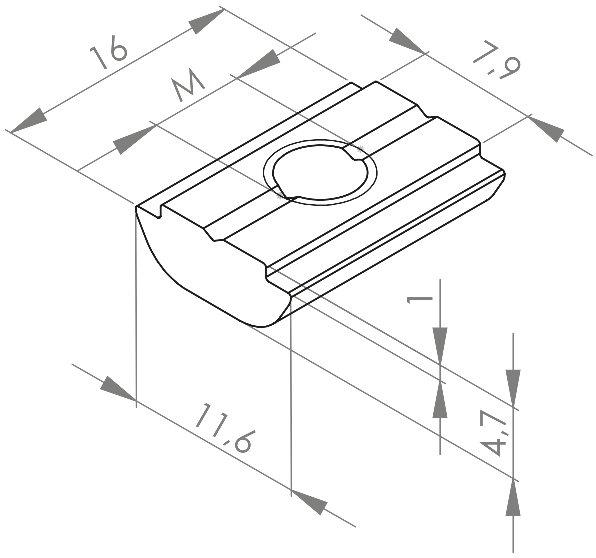
8

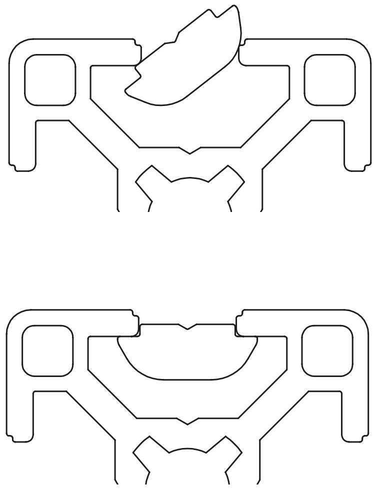
SWIVELLING T-SLOT NUT SLOT 8

Material: steel, zinc-plated

Available with various thread sizes

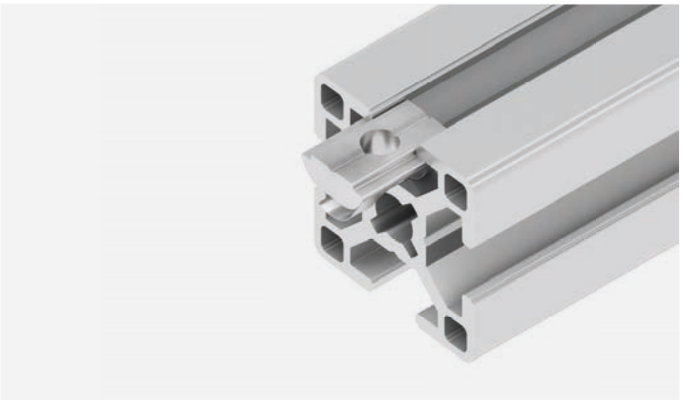
The T-slot nuts can be swivelled into the profile slot inserted into the end. The bar of the T-slot nut centres the T-slot nut in the slot. A matching spring for fixing the T-slot nut in the slot can be found on **page 299**





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut slot 8	**8**	M4	Steel, zinc-plated	-		**331001**
	8	M5	Steel, zinc-plated	-		**331010**
	8	M6	Steel, zinc-plated	-		**331030**
	8	M8	Steel, zinc-plated	-		**331050**



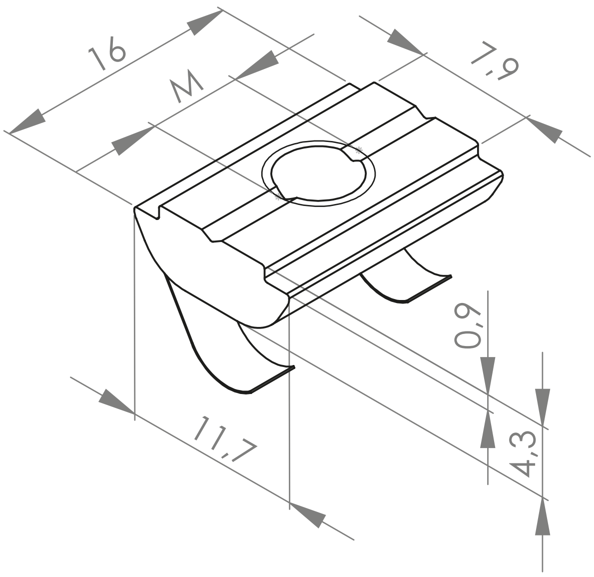
8

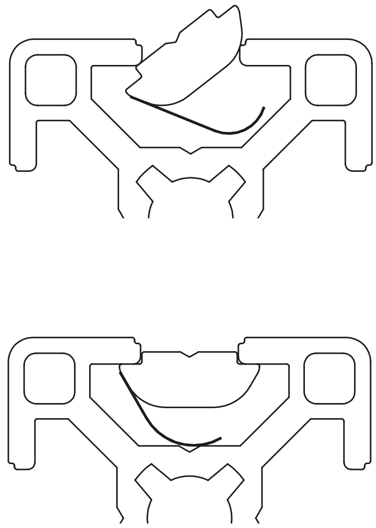
SWIVELLING T-SLOT NUT SLOT 8 WITH SPRING SHEET

Material: steel, zinc-plated

Available with various thread sizes

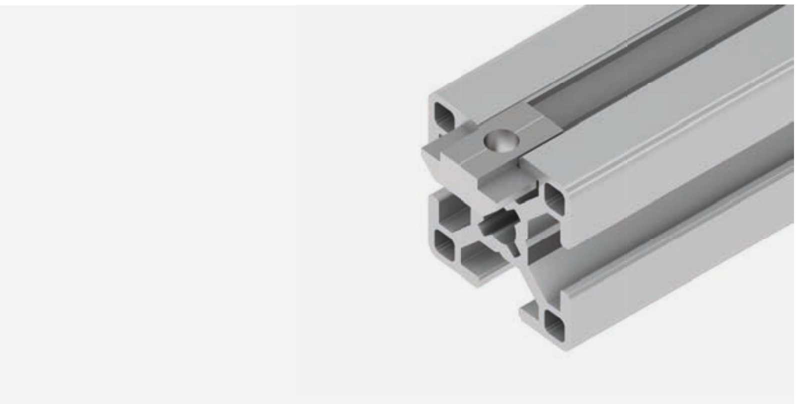
The T-slot nuts can be swivelled into the profile slot inserted into the end. The bar of the T-slot nut centres the T-slot nut in the slot. The spring sheet fixes the T-slot nuts in place





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut slot 8 with spring sheet	**8**	M4	Steel, zinc-plated	4.8		**331005**
	8	M5	Steel, zinc-plated	4.6		**331020**
	8	M6	Steel, zinc-plated	4.3		**331040**
	8	M8	Steel, zinc-plated	3.7		**331060**



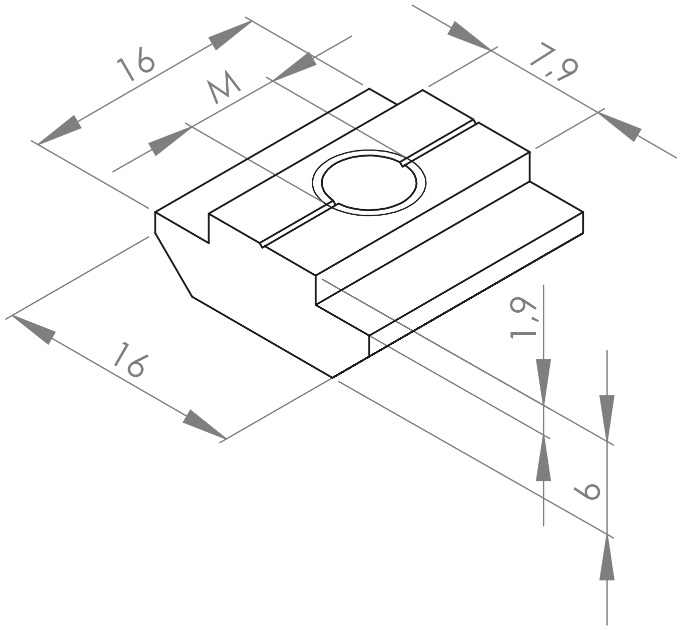
8

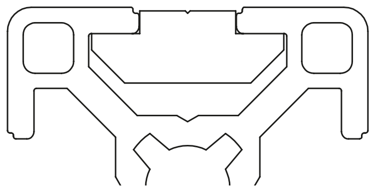
HEAVY-DUTY T-SLOT NUT SLOT 8

Material: steel, zinc-plated. Available with various thread sizes

The heavy-duty T-slot nuts are inserted into the end of the profile slot.

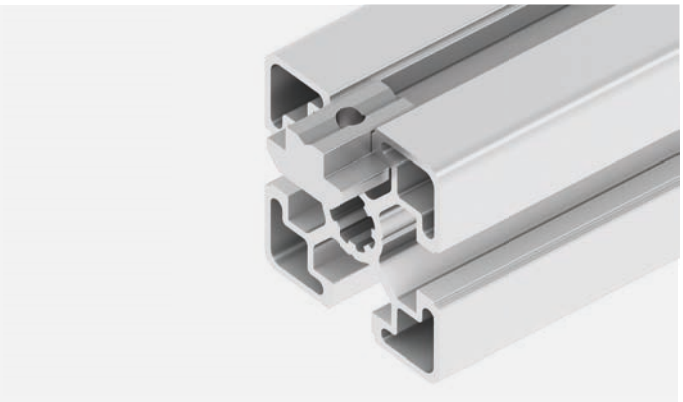
The bar of the T-slot nut centres the T-slot nut in the slot. Heavy-duty T-slot nuts can be used for particularly heavy-duty applications A matching spring for fixing the T-slot nut in the slot can be found on **page 299**





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Heavy-duty T-slot nut slot 8	**8**	M4	Steel, zinc-plated	8.4	-	**331070**
	8	M5	Steel, zinc-plated	8.0	-	**331080**
	8	M6	Steel, zinc-plated	7.9	-	**331090**
	8	M8	Steel, zinc-plated	6.6	-	**331100**



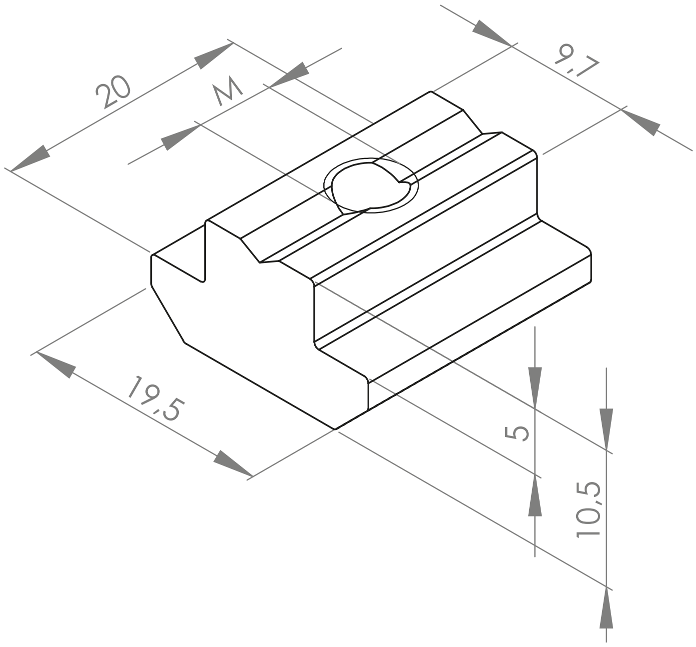
10

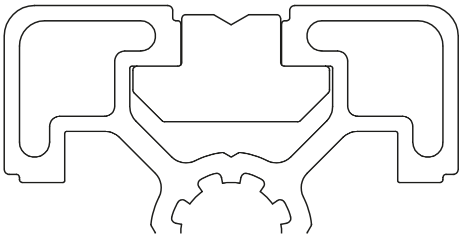
HEAVY-DUTY T-SLOT NUT SLOT 10

Material: steel, zinc-plated

Available with various thread sizes

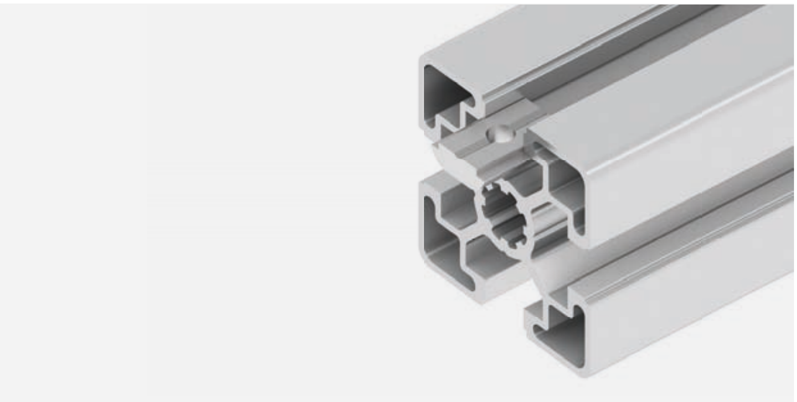
The heavy-duty T-slot nuts are inserted into the end of the profile slot. The bar of the T-slot nut centres the T-slot nut in the slot. Heavy-duty T-slot nuts can be used for particularly heavy-duty applications A matching spring for fixing the T-slot nut in the slot can be found on **page 299**





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Heavy-duty T-slot nut slot 10	**10**	M4	Steel, zinc-plated	21.0	-	**332070**
	10	M5	Steel, zinc-plated	20.8	-	**332080**
	10	M6	Steel, zinc-plated	20.2	-	**332090**
	10	M8	Steel, zinc-plated	18.3	-	**332100**



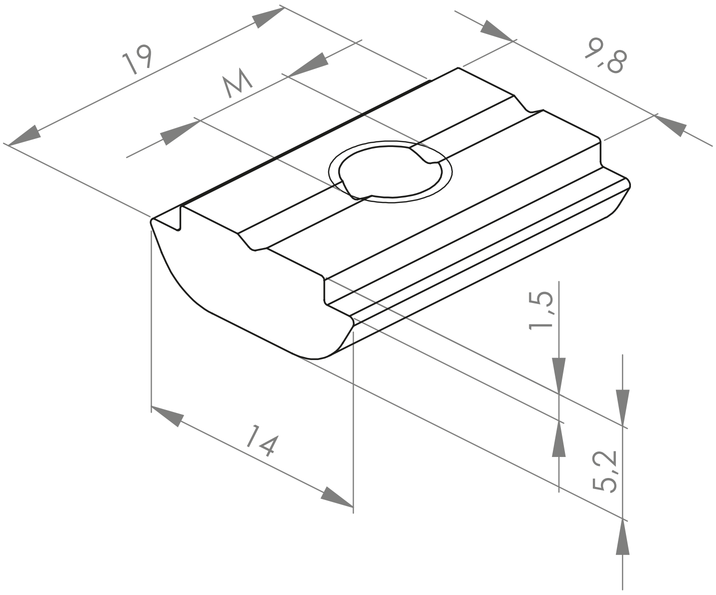
10

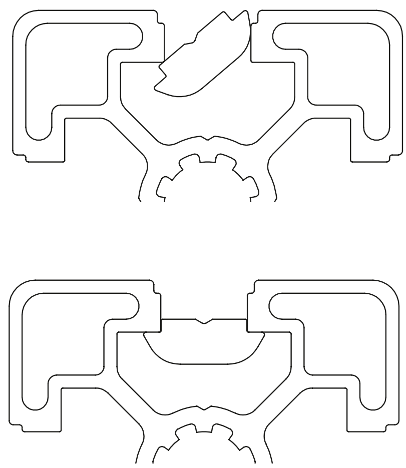
SWIVELLING T-SLOT NUT SLOT 10

Material: steel, zinc-plated

Available with various thread sizes

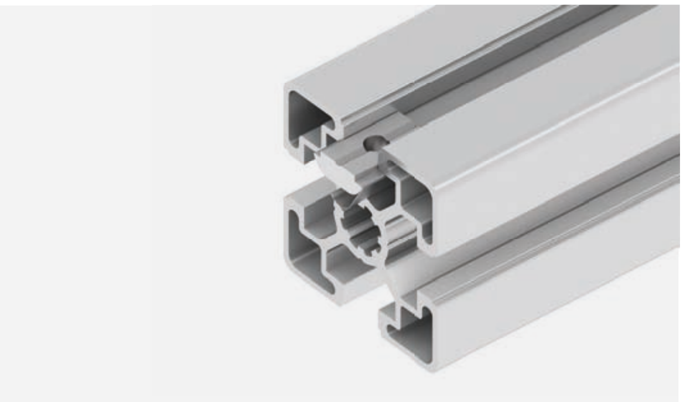
The T-slot nuts can be swivelled into the profile slot inserted into the end. The bar of the T-slot nut centres the T-slot nut in the slot. A matching spring for fixing the T-slot nut in the slot can be found on **page 299**





Positioning the T-slot nut

Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut slot 10	10	M4	Steel, zinc-plated	-		332001
	10	M5	Steel, zinc-plated	-		332010
	10	M6	Steel, zinc-plated	-		332030
	10	M8	Steel, zinc-plated	-		332050



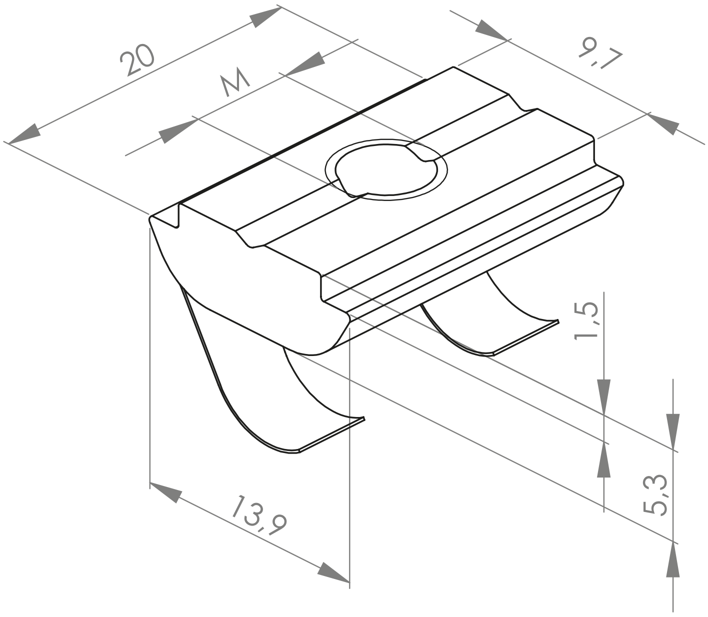
10

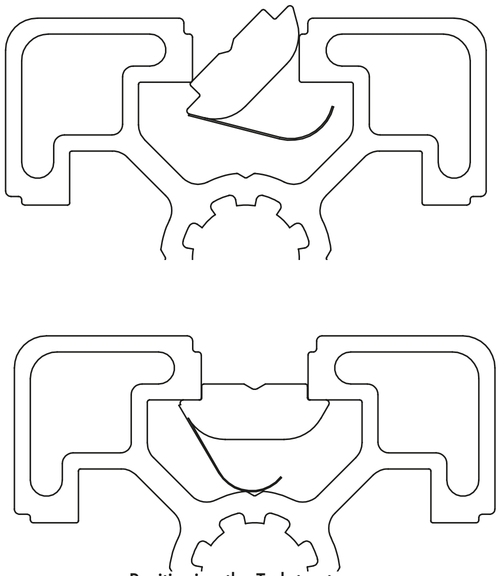
SWIVELLING T-SLOT NUT SLOT 10 WITH SPRING SHEET

Material: steel, zinc-plated

Available with various thread sizes

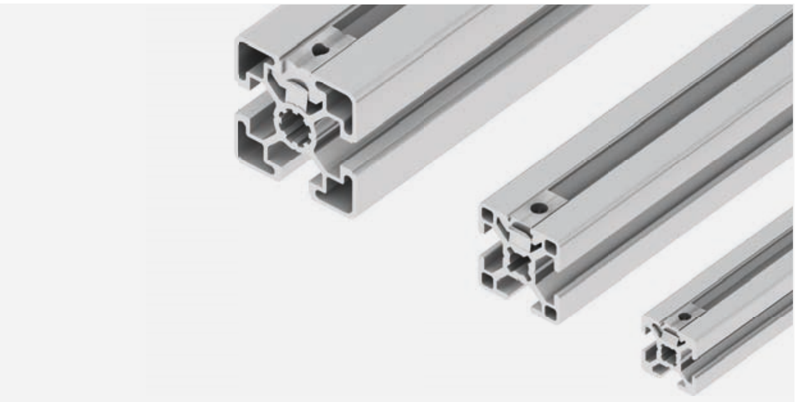
The T-slot nuts can be swivelled into the profile slot inserted into the end. The bar of the T-slot nut centres the T-slot nut in the slot. The spring sheet fixes the T-slot nuts in place.





Positioning the T-slot nut

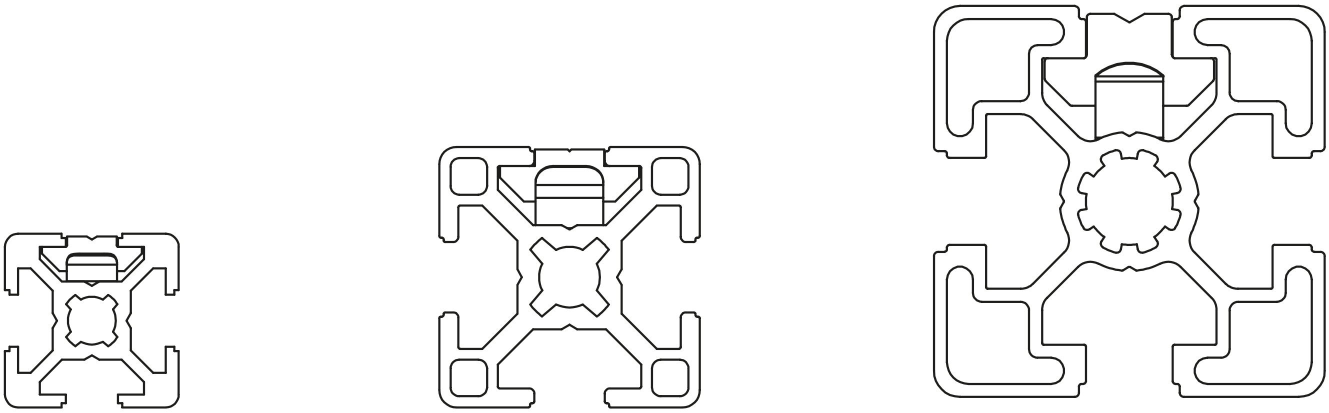
Description	Slot	M (mm)	Material	Weight (g)	ESD	Art. no.:
Swivelling T-slot nut slot 10 with spring sheet	**10**	M4	Steel, zinc-plated	9.1		**332005**
	10	M5	Steel, zinc-plated	8.7		**332020**
	10	M6	Steel, zinc-plated	8.6		**332040**
	10	M8	Steel, zinc-plated	7.8		**332060**



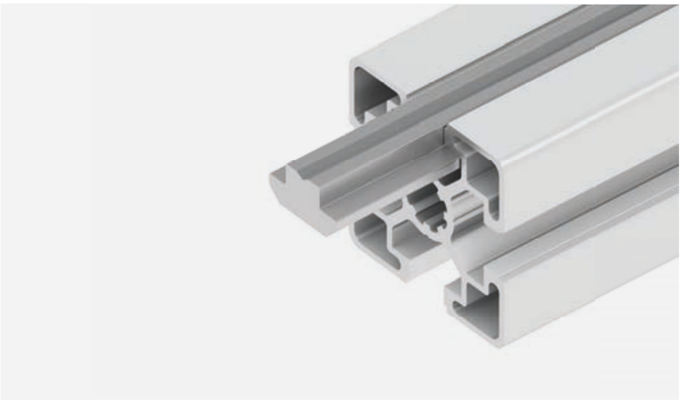
SPRINGS

Material: spring steel

The heavy-duty T-slot nuts or swivelling T-slot nuts are pressed into the springs. The T-slot nut is pressed into the spring and then inserted into the end of the slot. This fixes the T-slot nut in the profile slot.



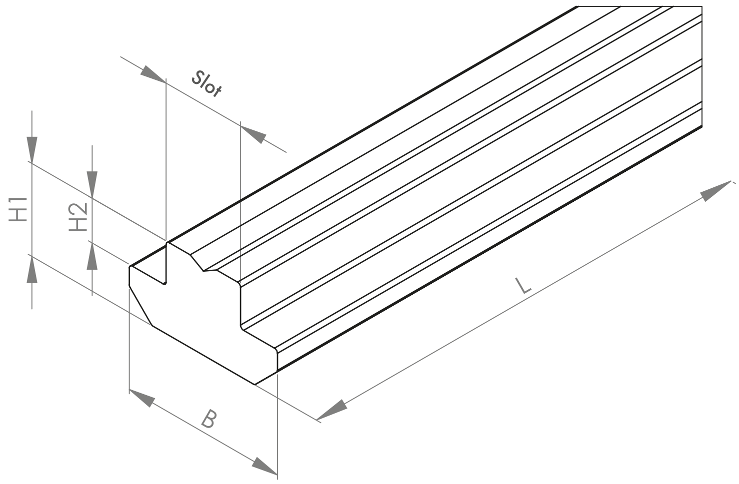
Description	Slot	Weight (g)	ESD	Art. no.:
Spring slot 6	**6**	-	-	**On request**
Spring slot 8	**8**	45.0	-	**99901000**
Spring slot 10	**10**	56.0	-	**99901001**



T-SLOT NUT PROFILES SLOT 8 | SLOT 10

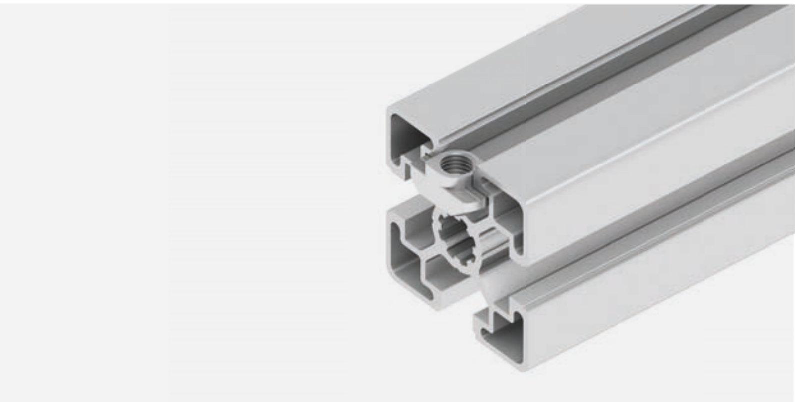
Material: bare steel, oiled

The T-slot nut profile can be inserted into the end of an aluminium profile slot (slot 8 | slot 10).



Description slot 8	Slot	L (mm)	B (mm)	H1 (mm)	H2 (mm)	Weight (kg)	Art. no.:
T-slot nut profile	**8**	1000	16	6	1.9	0.5	**331000.1000**
	8	1500	16	6	1.9	0.75	**331000.1500**
	8	3000	16	6	1.9	1.5	**331000.3000**

Description slot 10	Slot	L (mm)	B (mm)	H1 (mm)	H2 (mm)	Weight (kg)	Art. no.:
T-slot nut profile	**10**	1000	19.5	10.6	5.1	1.12	**332000.1000**
	10	1500	19.5	10.6	5.1	1.73	**332000.1500**
	10	3000	19.5	10.6	5.1	3.46	**332000.3000**

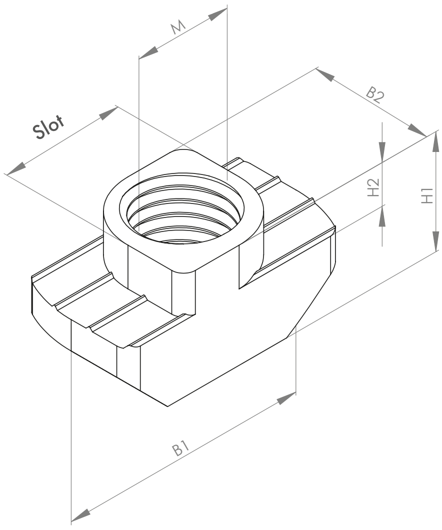


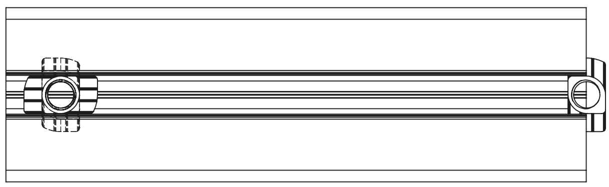
6 8 10

HAMMER NUTS

Material: Steel, zinc-plated / stainless steel

Hammer nuts can be inserted into the side of a profile slot or inserted lengthways into the slot and then rotated by 90°.

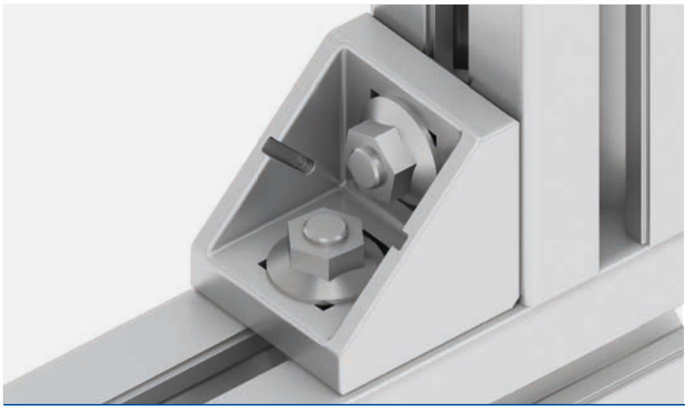




Description / slot 6	M	H1 (mm)	H2 (mm)	Slot (mm)	B1 (mm)	B2 (mm)	Material	Weight (g)	ESD	Art. no.:
Hammer nut slot 6 M4	4	4	0.9	**6**	11.6	**5.9**	Steel, zinc-plated	1.2		**340010**

Description / slot 8	M	H1 (mm)	H2 (mm)	Slot (mm)	B1 (mm)	B2 (mm)	Version	Weight (g)	ESD	Art. no.:
Hammer nut slot 8 M4	4	6	1.5	**8**	16	7.7	Steel, zinc-plated	3.9		**341010**
Hammer nut slot 8 M5	5	6	1.5	**8**	16	7.7	Steel, zinc-plated	3.5		**341020**
Hammer nut slot 8 M6	6	6	1.5	**8**	16	7.7	Steel, zinc-plated	3.2		**341030**
Hammer nut slot 8 M6, stainless steel	6	6	1.5	**8**	16	7.7	Stainless steel	3.5		**341031**

Description / slot 10	M	H1 (mm)	H2 (mm)	Slot (mm)	B1 (mm)	B2 (mm)	Version	Weight (g)	ESD	Art. no.:
Hammer nut slot 10 M4	4	8.8	3	**10**	19	9.7	Steel, zinc-plated	7.8		**342010**
Hammer nut slot 10 M5	5	8.8	3	**10**	19	9.7	Steel, zinc-plated	7.5		**342020**
Hammer nut slot 10 M6	6	8.8	3	**10**	19	9.7	Steel, zinc-plated	7.1		**342030**
Hammer nut slot 10 M6, stainless steel	6	8.8	3	**10**	19	9.7	Stainless steel	7.2		**342031**
Hammer nut slot 10 M8	8	8.8	3	**10**	19	9.7	Steel, zinc-plated	5.6		**342040**
Hammer nut slot 10 M8, stainless steel	8	8.8	3	**10**	19	9.7	Stainless steel	5.8		**342041**



8 10

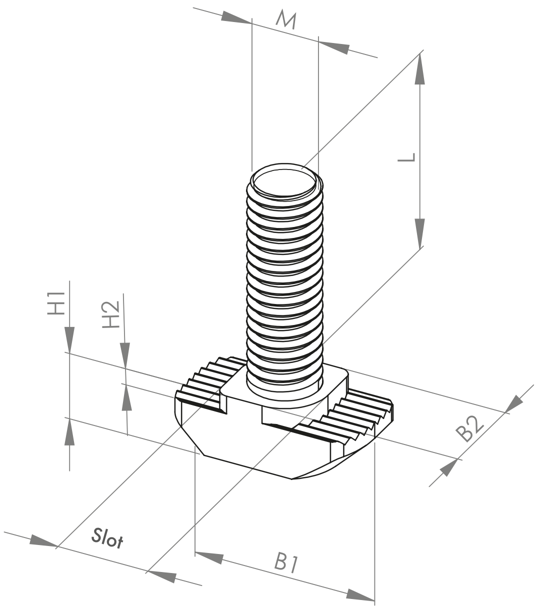
T-HEAD BOLTS AND FLANGED NUTS

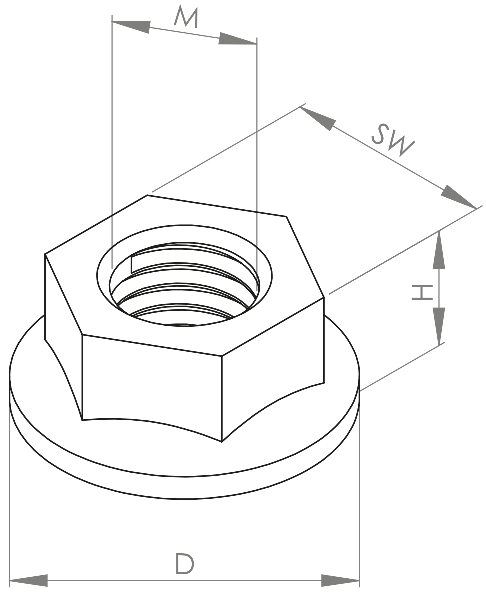
Material:

T-head bolts: steel, zinc-plated

Flanged nuts: steel, zinc-plated

For connecting a wide range of components to slot profiles.





Description	M	L (mm)	H1 (mm)	H2 (mm)	Slot (mm)	B1 (mm)	B2 (mm)	Weight (g)	ESD	Art. no.:
T-head bolt M6x16	M6	14.5	4.5	1.5	**8**	16	8	6.7		**999317**
T-head bolt M6x20	M6	18.5	4.5	1.5	**8**	16	8	7.1		**999316**
T-head bolt M6x25	M6	45	4.5	1.5	**8**	16	8	8.0		**999310**
T-head bolt M8x20	M8	17	5.7	3	**10**	19	8.5	12.4		**999314**
T-head bolt M8x25	M8	22	5.7	3	**10**	19	8.5	14.1		**999315**
T-head bolt M8x30	M8	27	5.7	3	**10**	19	8.5	15.3		**999406**
T-head bolt M8x40	M8	37	5.7	3	**10**	19	8.5	18.4		**99900144**
T-head bolt M8x50	M8	47	5.7	3	**10**	19	8.5	21.8		**99900145**

Description	M	D (mm)	SW (mm)	H (mm)	Weight (g)	ESD	Art. no.:
Flanged nut M6 Ø14	M6	14	10	6	3.4	-	**999308**
Flanged nut M8 Ø21	M8	21	13	8	10.2	-	**999307**

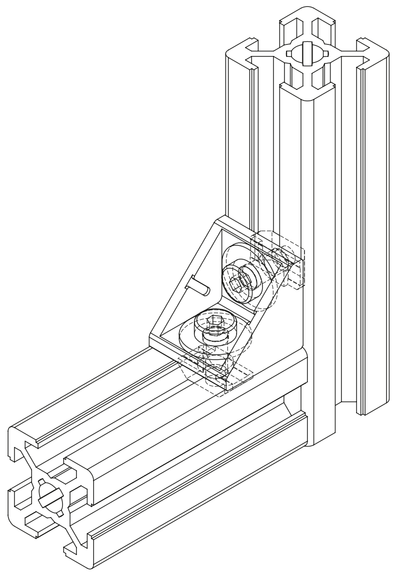
Description	M	Version	Weight (g)	ESD	Art. no.:
T-head bolts set M6x16	M6	With flanged nut	10.1		**324015**
T-head bolts set M8x20	M8	With flanged nut	22.6		**324009**
T-head bolts set M8x25	M8	With flanged nut	24.3		**324010**
T-head bolts set M8x30	M8	With flanged nut	25.5		**324011**

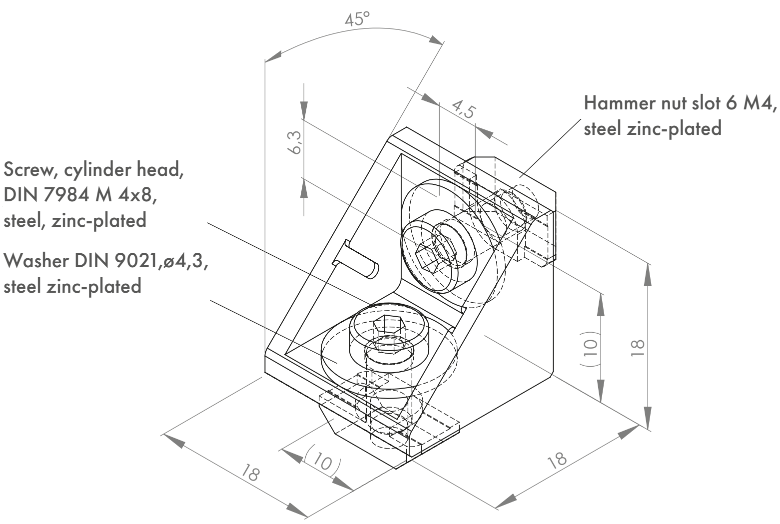
ANGLE BRACKET 20x20 SLOT 6

Material: angle bracket in die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



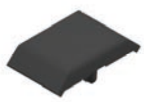


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 20x20 slot 6	**6**	20x20	Without fastening kit	10.0		**321010**
Angle bracket 20x20 slot 6 with fastening kit *	**6**	20x20	With fastening kit	13.1		**321020**

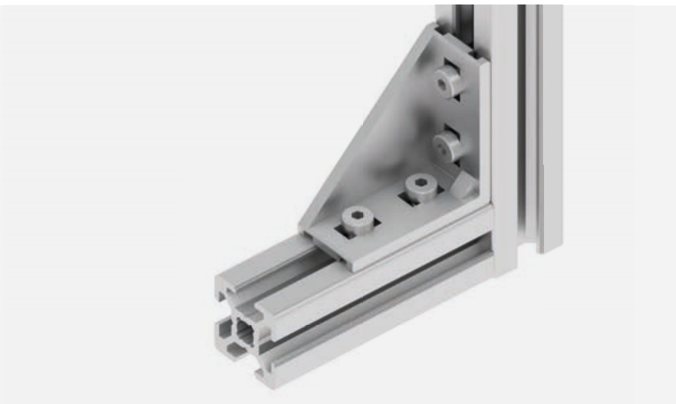
Fastening kit: *	
2x screws, cylinder head, DIN 7984, M4x8, 8.8, steel, zinc-plated	-
2x hammer nuts slot 6 M4, steel, zinc-plated	
2x washers DIN 9021 Ø4.3, steel, zinc-plated	

COVER CAP 20x20 - SLOT 6

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
20x20	**6**	Black	2.1	**321131**



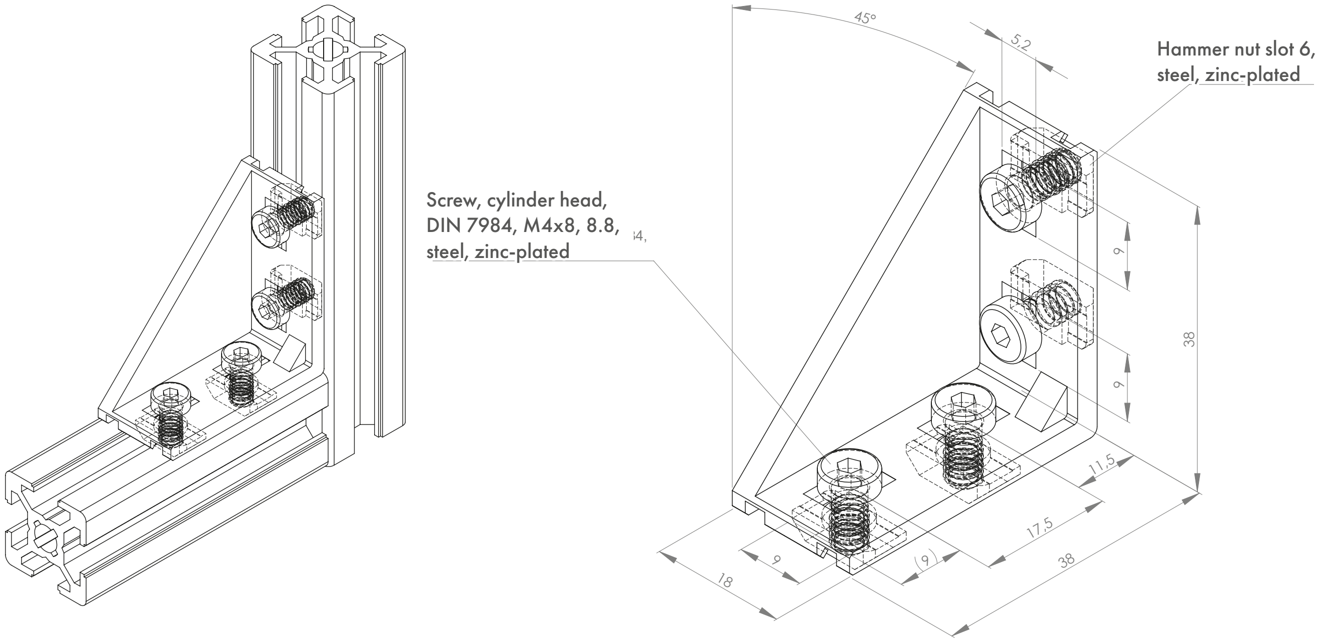
6

ANGLE BRACKET 20x40 SLOT 6

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.

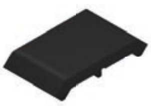


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 20x40 slot 6	**6**	20x40	Without fastening kit	132.0		**321025**
Angle bracket 20x40 slot 6 with fastening kit *	**6**	20x40	With fastening kit *	141.0		**321026**

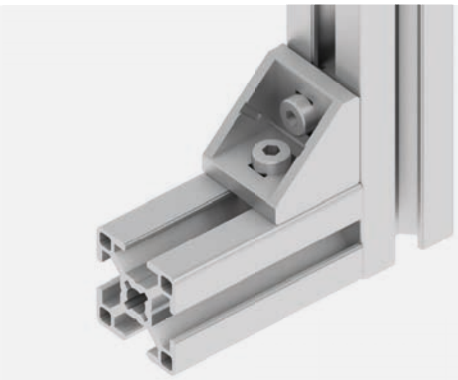
Fastening kit: *
4x screws, cylinder head, DIN 7984, M4x8, 8.8, steel, zinc-plated
4x hammer nuts slot 6 M4, steel, zinc-plated

COVER CAP - 20x40 - SLOT 6

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
20x40	**6**	Black	21	**321134**



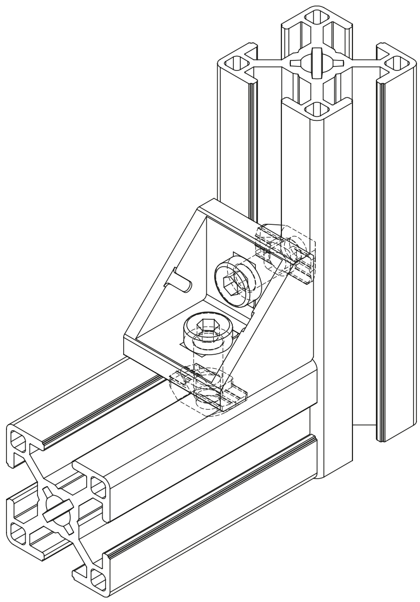
8

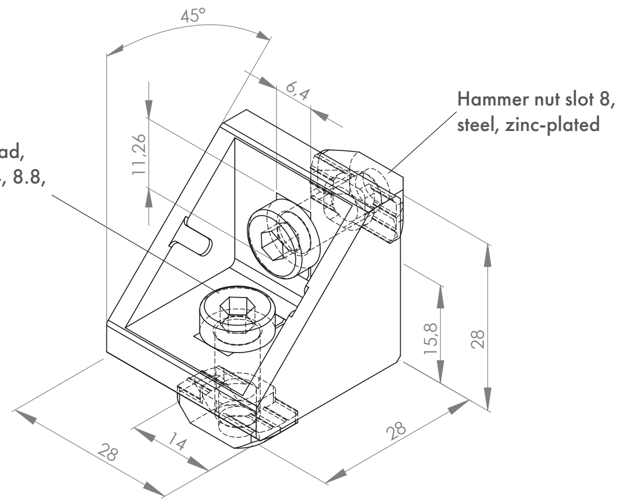
ANGLE BRACKET 30x30 SLOT 8

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.





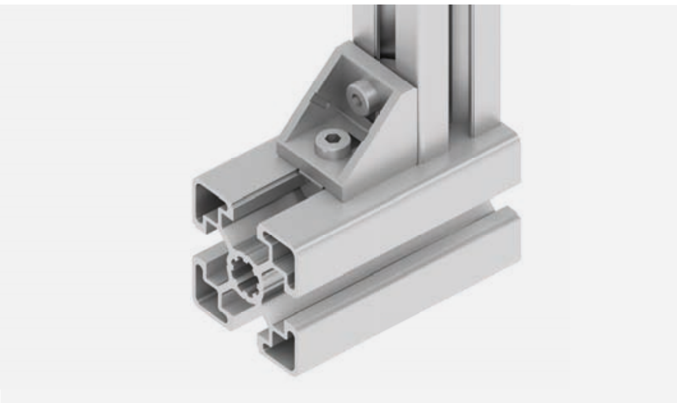
Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 30x30 slot 8	8	30x30	Without fastening kit	20.0		**321030**
Angle bracket 30x30 slot 8 with fastening kit *	8	30x30	With fastening kit*	30.6		**321040**

Fastening kit: *
2x screws, cylinder head, DIN 7984, M6x14, 8.8, steel, zinc-plated
2x hammer nuts slot 8 M6, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 30x30 SLOT 8

Material: PA plastic

Dimensions	Slot	Version	Weight (g)	Art. no.:
30x30	8	Black	4.2	**321141**



8 10

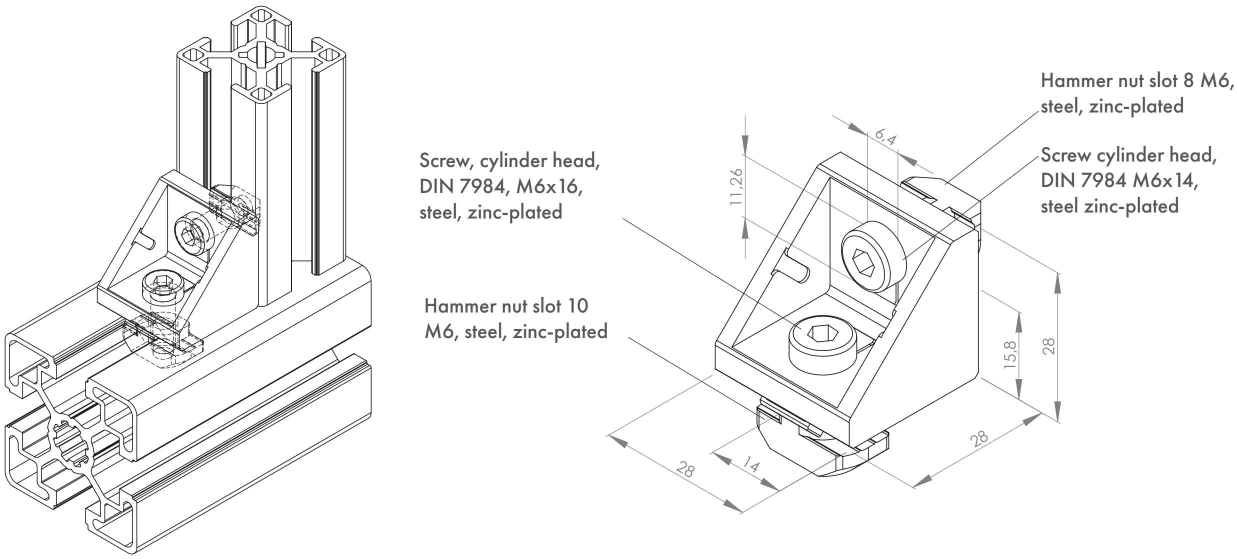
ANGLE BRACKET 30x30 SLOT 8/ SLOT 10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.

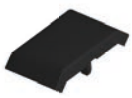
3



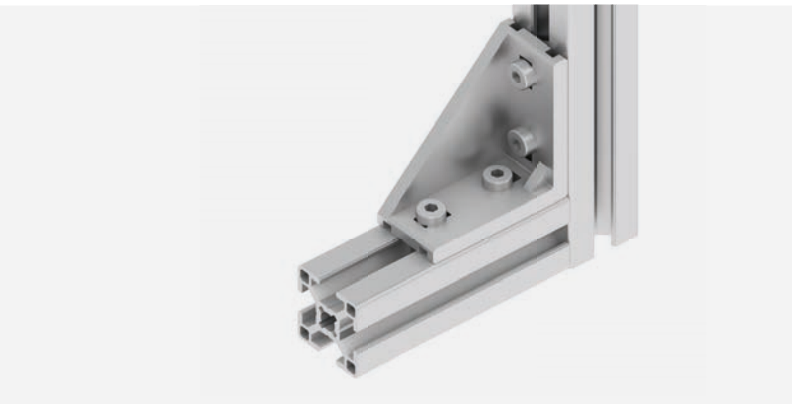
Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 30x30 slot 8 with fastening kit *	**8/10**	30x30	With fastening kit*	30.6		**321041**

Fastening kit: *
1x screw, cylinder head, DIN 7984, M6x14, 8.8, steel, zinc-plated
1x screw, cylinder head, DIN 7984, M6x16, 8.8, steel, zinc-plated
1x hammer nut slot 8 M6, steel, zinc-plated
1x hammer nut slot 10 M6, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 30x30 SLOT 8
Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
30x30	**8**	Black	4.2	**321141**



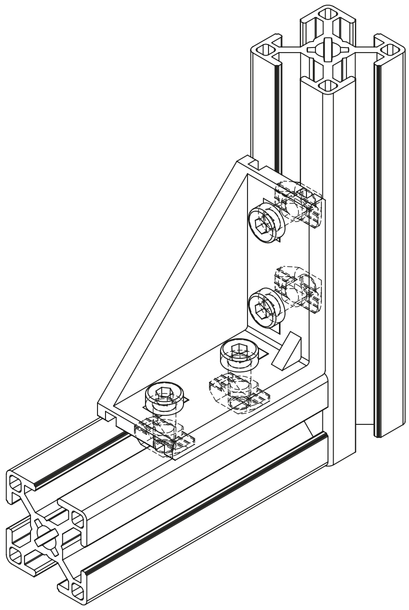
8

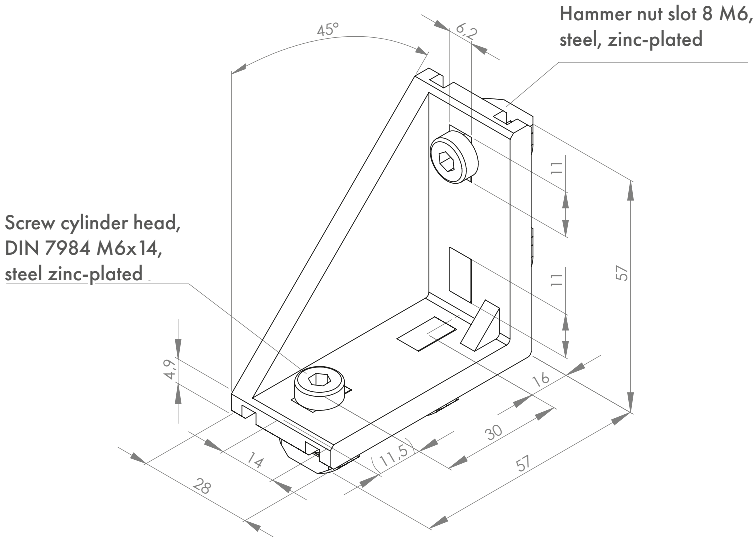
ANGLE BRACKET 30x60 SLOT 8

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

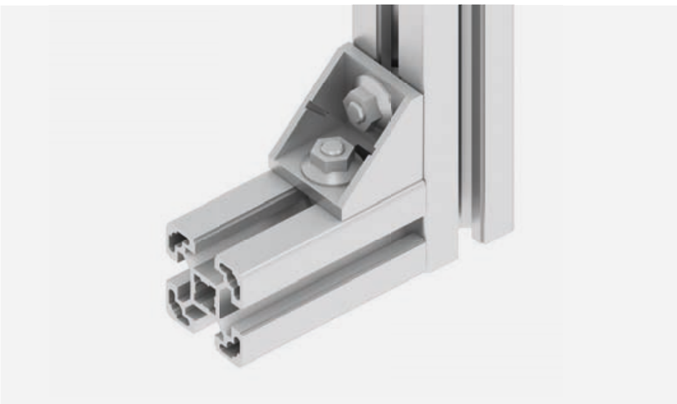
Mounting this item does not require any profile processing.





Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 30x60 slot 8	**8**	30x60	Without fastening kit	130.0		**321042**
Angle bracket 30x60 slot 8 with fastening kit *	**8**	30x60	With fastening kit*	153.0		**321043**

Fastening kit: *
4x screws, cylinder head, DIN 7984, M6x14, 8.8, steel, zinc-plated
4x hammer nuts slot 8 M6, steel, zinc-plated



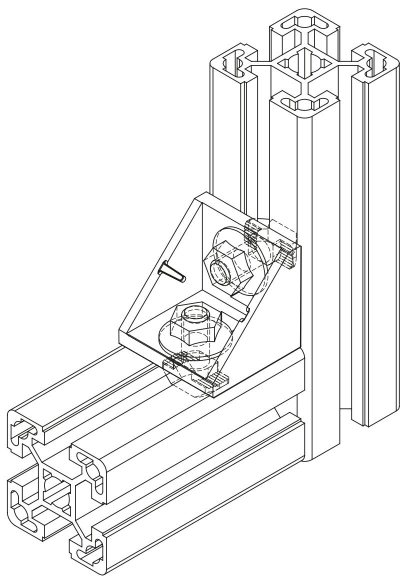
10

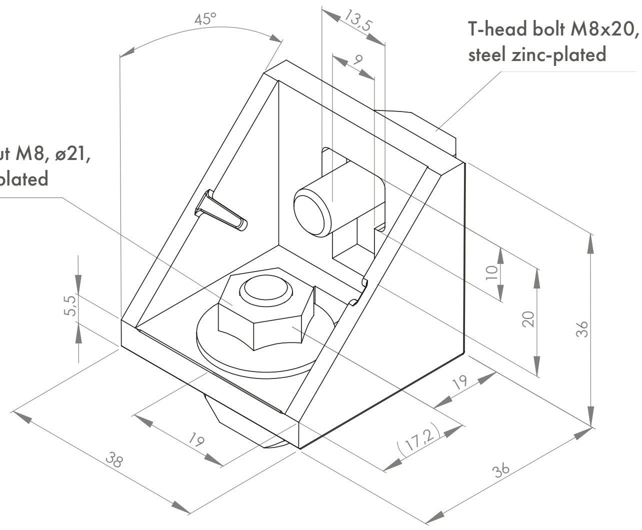
ANGLE BRACKET 40x40 SLOT 10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



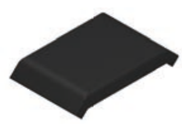


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 40x40 slot 10	**10**	40x40	Without fastening kit	60.0		**321047**
Angle bracket 40x40 slot 10 with fastening kit *	**10**	40x40	With fastening kit*	76.0		**321048**

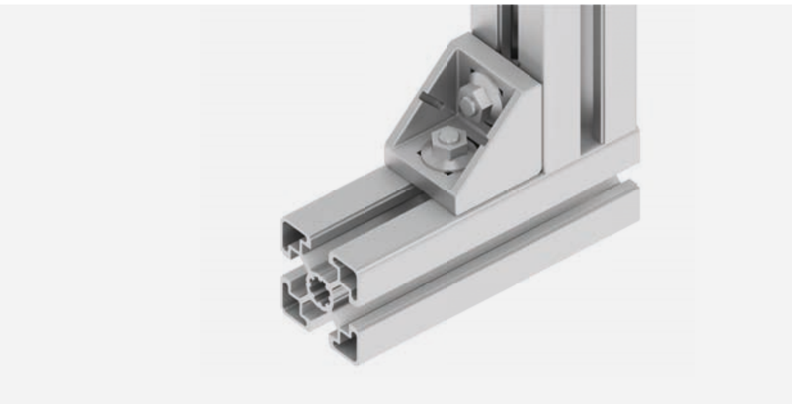
Fastening kit: *
2x T-head bolts M8x20, steel, zinc-plated
2x flanged nuts M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 40x40 SLOT 10

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
40x40	**10**	Black	10.5	**321149**



10

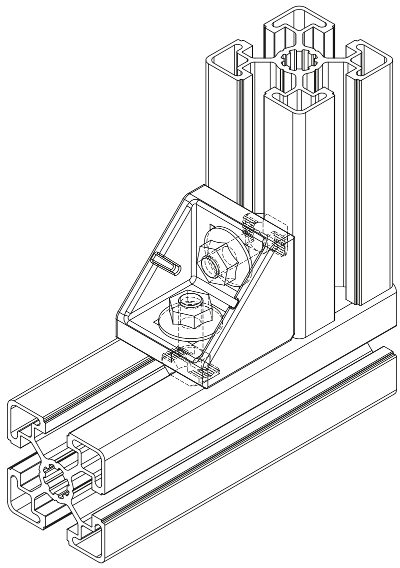
ANGLE BRACKET 45x45 SLOT 10

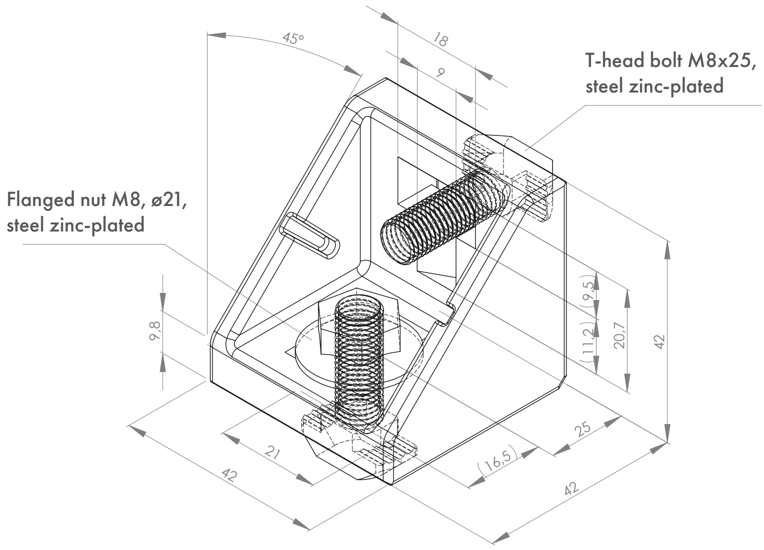
Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.

3



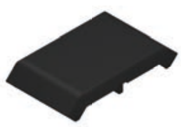


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 45x45 slot 10	**10**	45x45	Without fastening kit	60.0		**321051**
Angle bracket 45x45 slot 10 with fastening kit *	**10**	45x45	With fastening kit*	76.0		**321061**

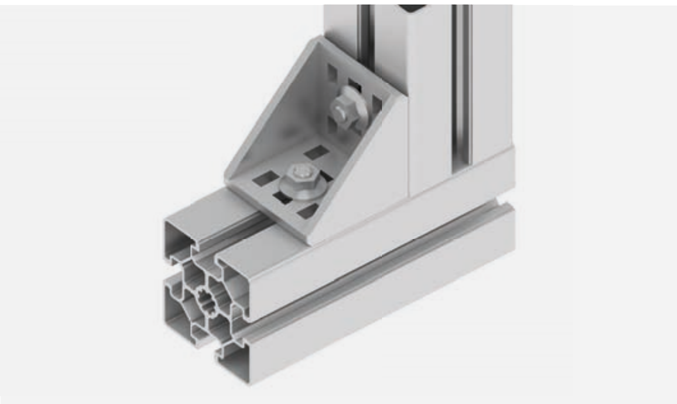
Fastening kit: *
2x T-head bolts M8x25, steel, zinc-plated
2x flanged nuts M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 45x45 SLOT 10

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
45x45	**10**	Black	14.0	**321150**



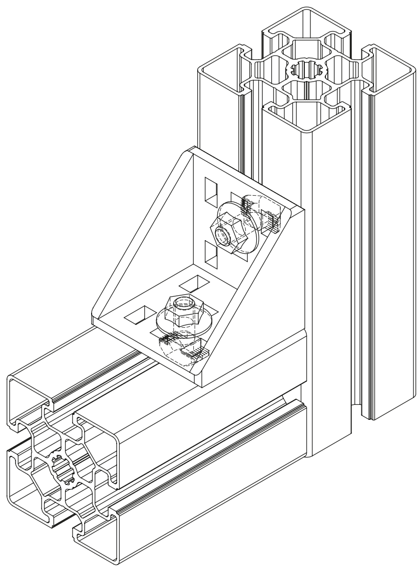
10

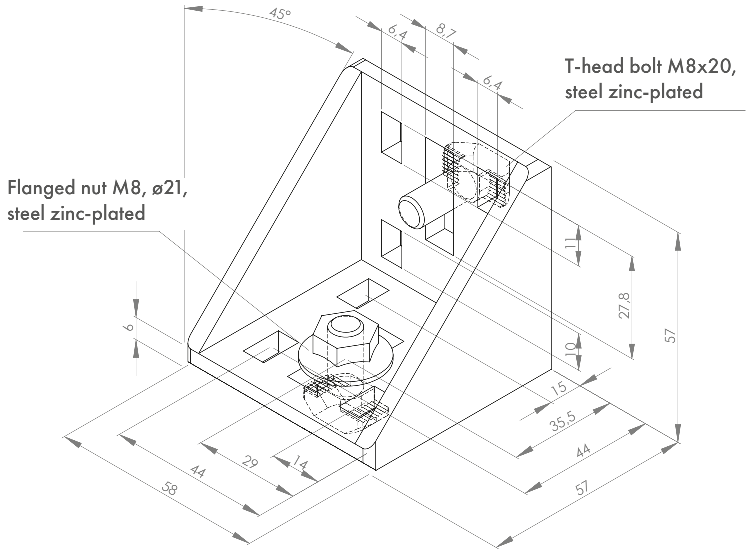
ANGLE BRACKET 60x60 SLOT 10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



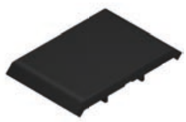


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 60x60 slot 10	**10**	60x60	Without fastening kit	160.0		**321070**
Angle bracket 60x60 slot 10 with fastening kit *	**10**	60x60	With fastening kit*	240.0		**321080**

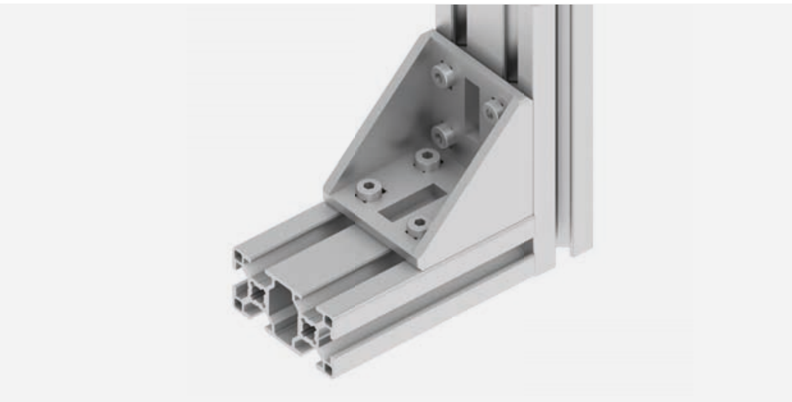
Fastening kit: *
2x T-head bolts M8x20, steel, zinc-plated
2x flanged nuts M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 60x60

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
60x60	-	Black	21.0	**321160**



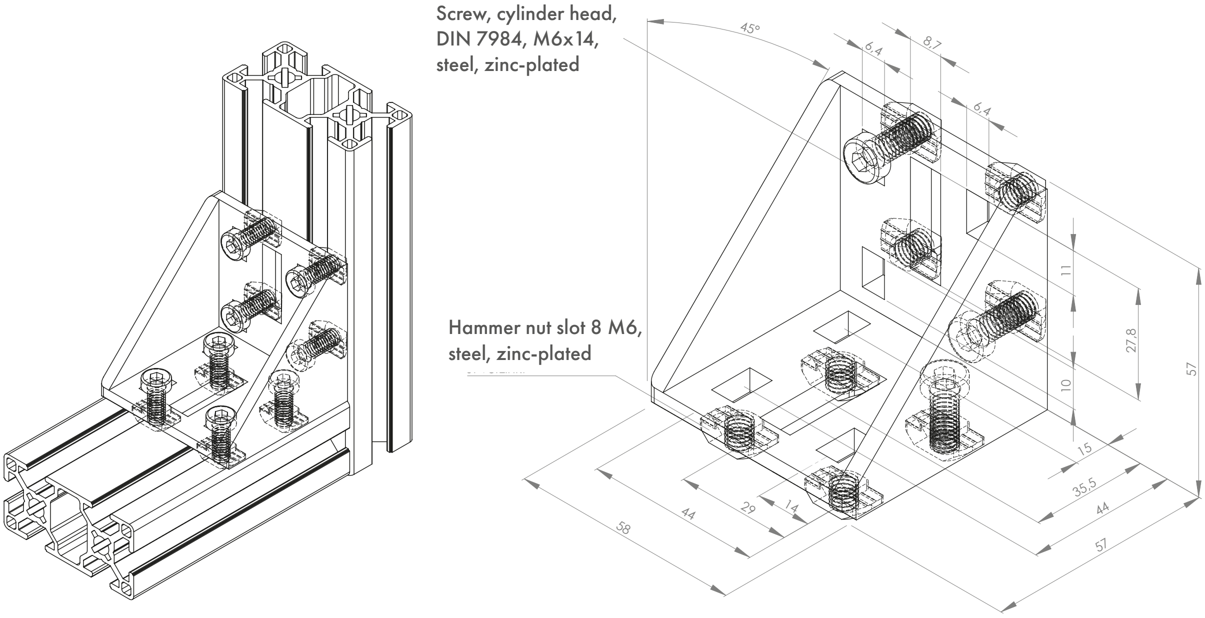
8

ANGLE BRACKET 60x60 SLOT 8

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

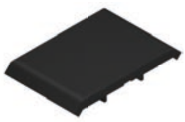
Mounting this item does not require any profile processing.



Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 60x60 slot 8 with fastening kit*	**8**	60x60	With fastening kit*	160.0		**321075**

Fastening kit: *
8x screws, cylinder head, DIN 7984, M6x14, 8.8, steel, zinc-plated
8x hammer nuts slot 8 M6, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 60x60 SLOT 8
Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
60x60	**8**	Black	21.0	**321160**

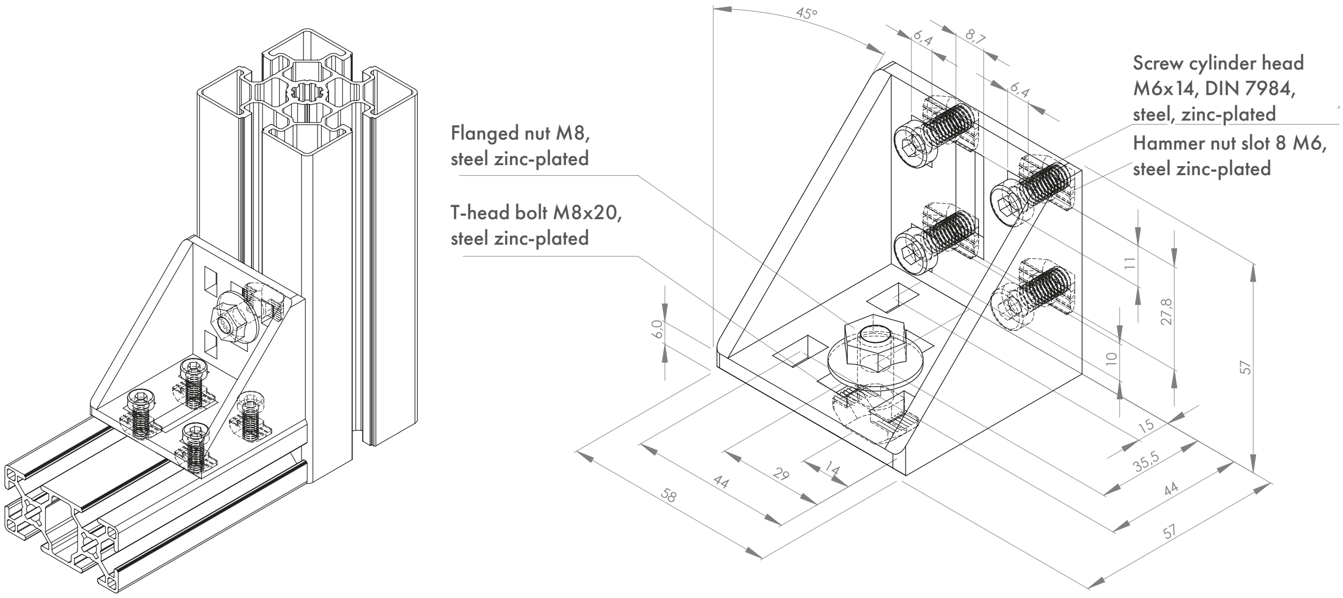
8 10

ANGLE BRACKET 60x60 SLOT 8-10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.

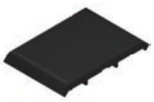


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 60x60 slot 8-10 with fastening kit*	**8-10**	60x60	With fastening kit*	160.0		**321077**

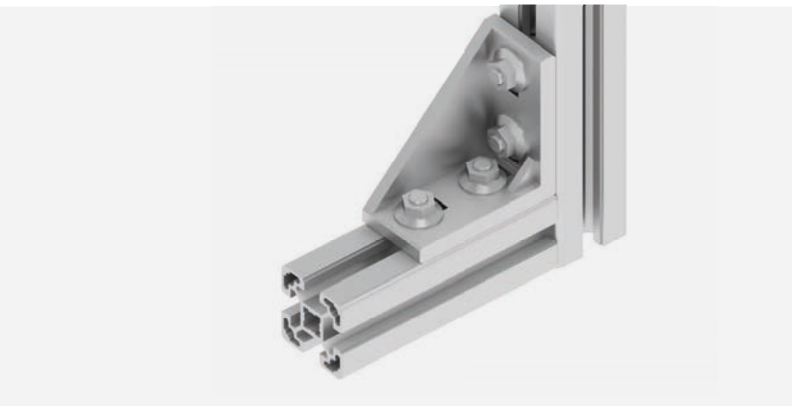
Fastening kit: *
4x screws, cylinder head, DIN 7984, M6x14, 8.8, steel, zinc-plated
4x hammer nuts slot 8 M6, steel, zinc-plated
1x T-head bolt M8x20, steel, zinc-plated
1x flanged nut M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 60x60

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
60x60	-	Black	21.0	**321160**



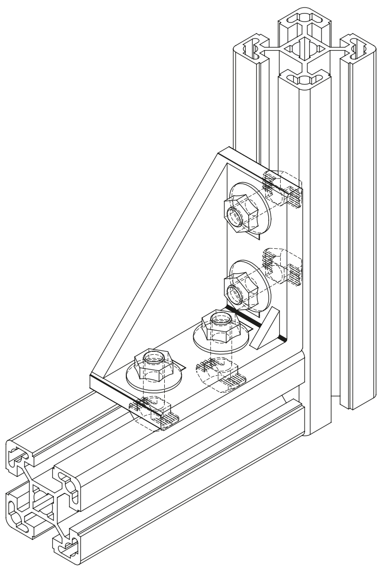
10

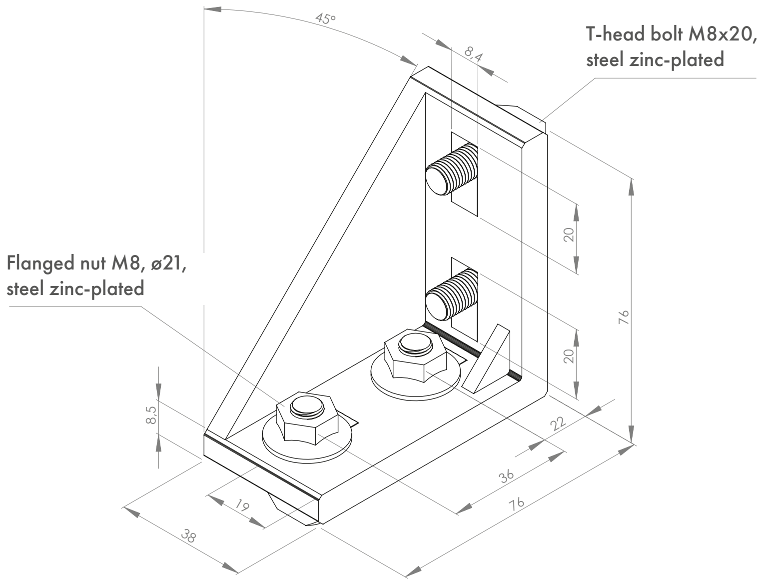
ANGLE BRACKET 40x80 SLOT 10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.





Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 40x80 slot 10	**10**	40x80	Without fastening kit	118.5		**321085**
Angle bracket 40x80 slot 10 with fastening kit *	**10**	40x80	With fastening kit*	123.0		**321086**

Fastening kit: *
4x T-head bolts M8x25, steel, zinc-plated
4x flanged nuts M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 40x80 SLOT 10

Material: PA plastic

Dimensions	Slot	Version	Weight (g)	Art. no.:
40x80	**10**	Black	10.5	**321165**

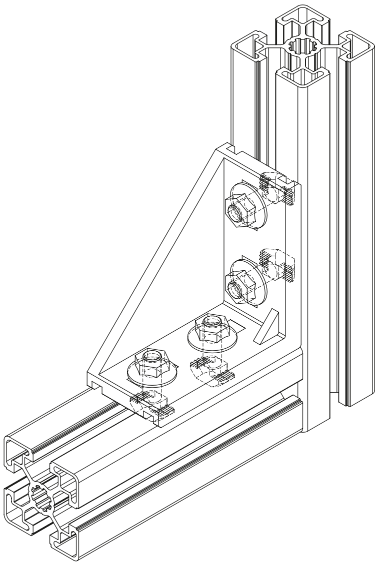
10

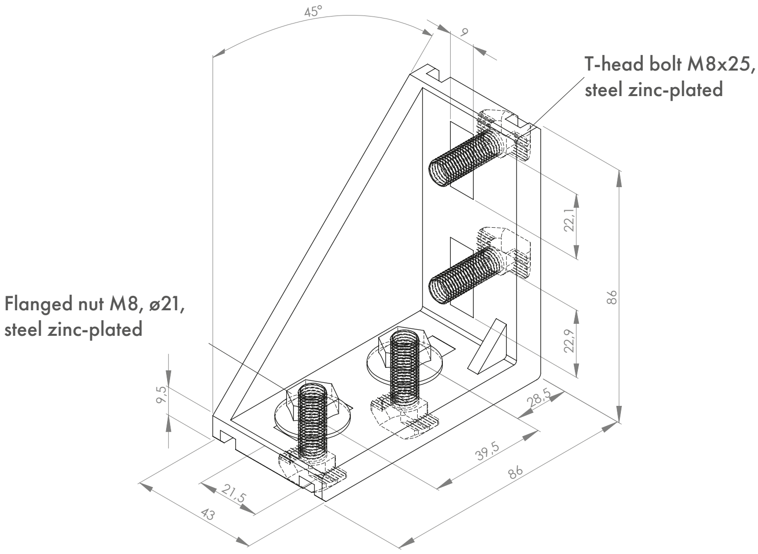
ANGLE BRACKET 45x90 SLOT 10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.





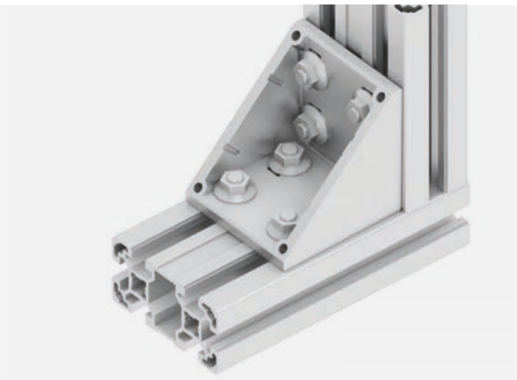
Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 45x90 slot 10	**10**	45x90	Without fastening kit	162.0		**321090**
Angle bracket 45x90 slot 10 with fastening kit *	**10**	45x90	With fastening kit*	254.0		**321100**

Fastening kit: *
4x T-head bolts M8x25, steel, zinc-plated
4x flanged nuts M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 45x90 SLOT 10

Material: PA plastic

Dimensions	Slot	Version	Weight (g)	Art. no.:
45x90	**10**	Black	33.5	**321170**
45x90	**10**	Signal grey	33.5	**321171**



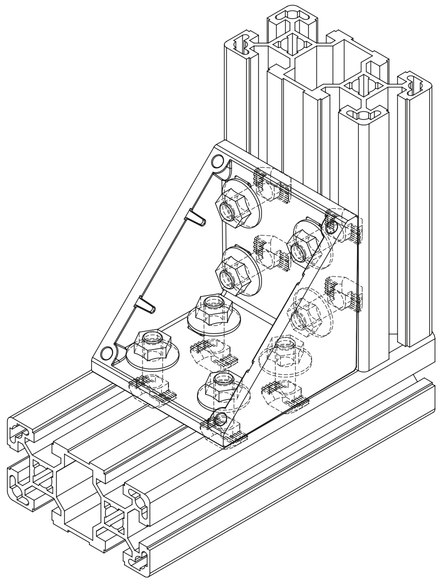
10

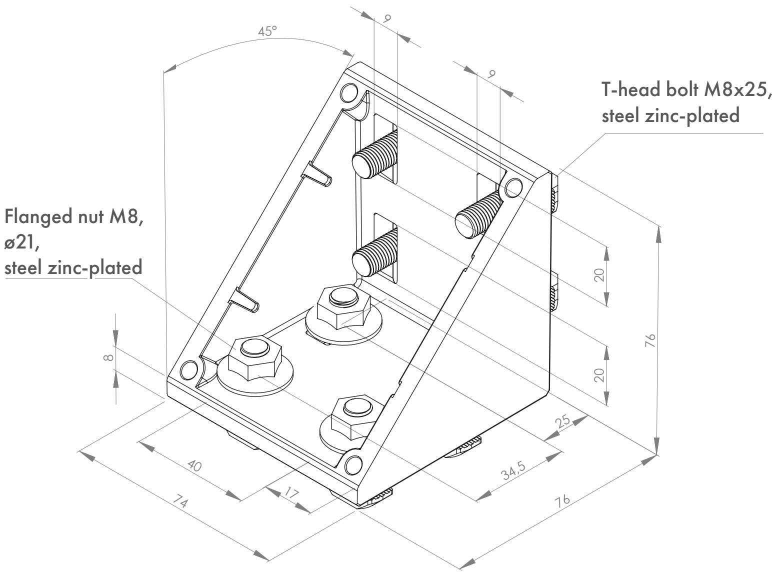
ANGLE BRACKET 80x80 SLOT 10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



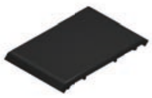


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 80x80 slot 10	**10**	80x80	Without fastening kit	229.0		**321105**
Angle bracket 80x80 slot 10 with fastening kit *	**10**	80x80	With fastening kit*	412.0		**321106**

Fastening kit: *
8x T-head bolts M8x25, steel, zinc-plated
8x flanged nuts M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 80x80 SLOT 10

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
80x80	**10**	Black	21.0	**321173**

3

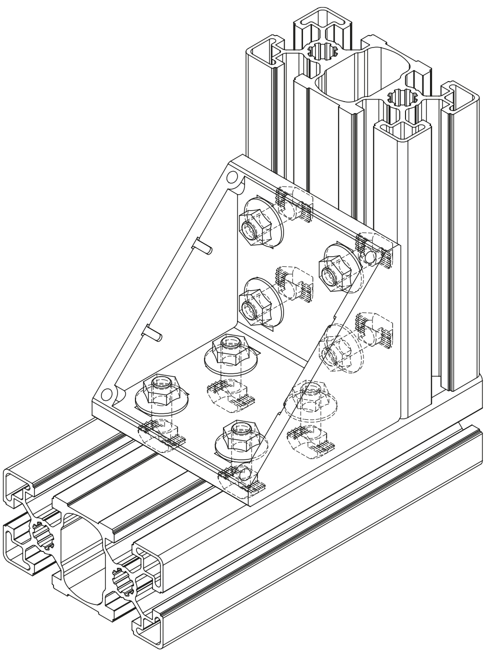
10

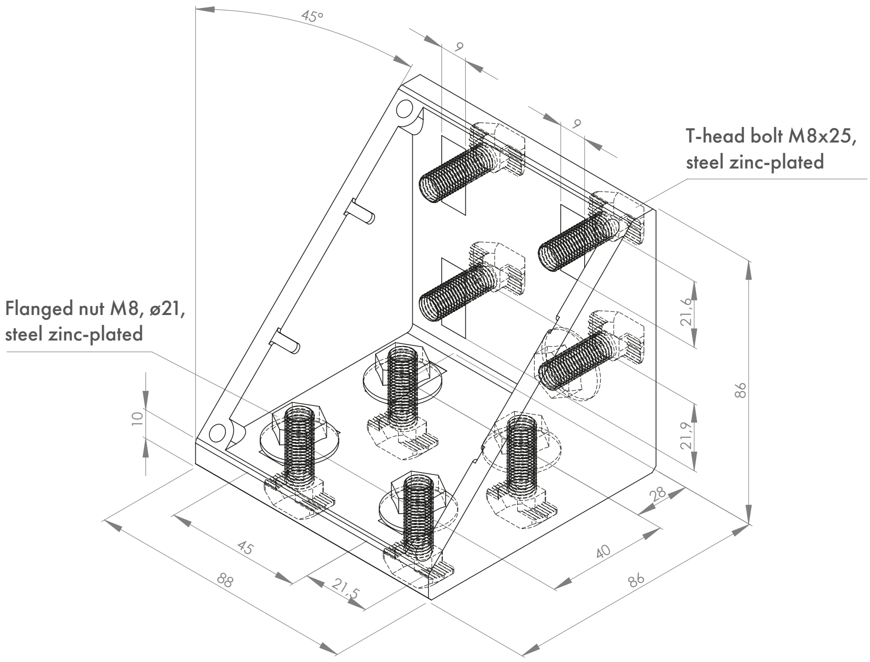
ANGLE BRACKET 90x90 SLOT 10

Angle bracket material: die-cast aluminium

For connecting two profiles at a 90° angle.

Mounting this item does not require any profile processing.



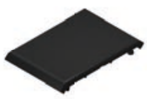


Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Angle bracket 90x90 slot 10	**10**	90x90	Without fastening kit	229.0		**321110**
Angle bracket 90x90 slot 10 with fastening kit *	**10**	90x90	With fastening kit*	412.0		**321120**

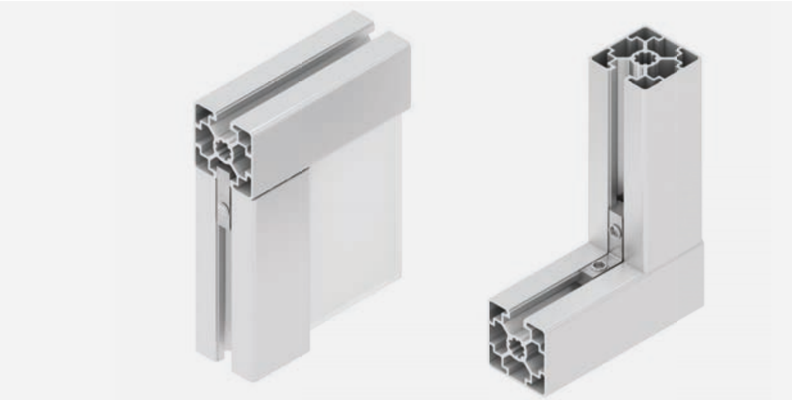
Fastening kit: *
8x T-head bolts M8x25, steel, zinc-plated
8x flanged nuts M8 Ø21, steel, zinc-plated

COVER CAP FOR ANGLE BRACKET 90x90 SLOT 10

Material: PA plastic



Dimensions	Slot	Version	Weight (g)	Art. no.:
90x90	**10**	Black	30.0	**321180**



10

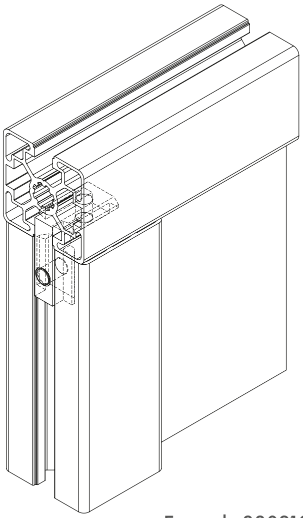
INSIDE BRACKET SLOT 10 | SLOT 10 R

Angle bracket material: die-cast zinc; grub screw: steel, zinc-plated

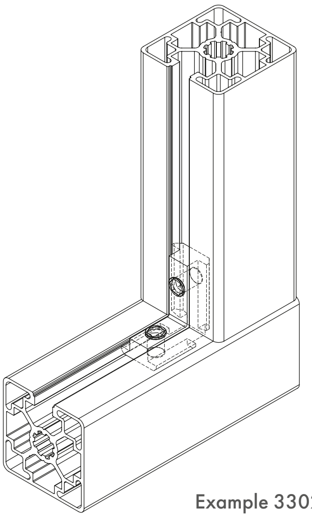
For connecting two profiles at a 90° angle.

The angle bracket is inserted into the slots of the two profiles and tight-ened
using the grub screw.

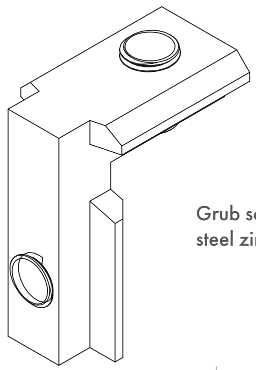
Mounting this item does not require any profile processing.

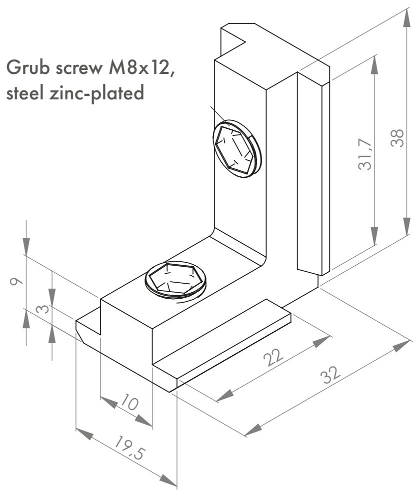


Example 330210



Example 330200





Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
Inside bracket slot 10 R	**10**	Inside	With grub screw	53.0		**330200**
Inside bracket slot 10	**10**	Outside	With grub screw	49.0		**330210**

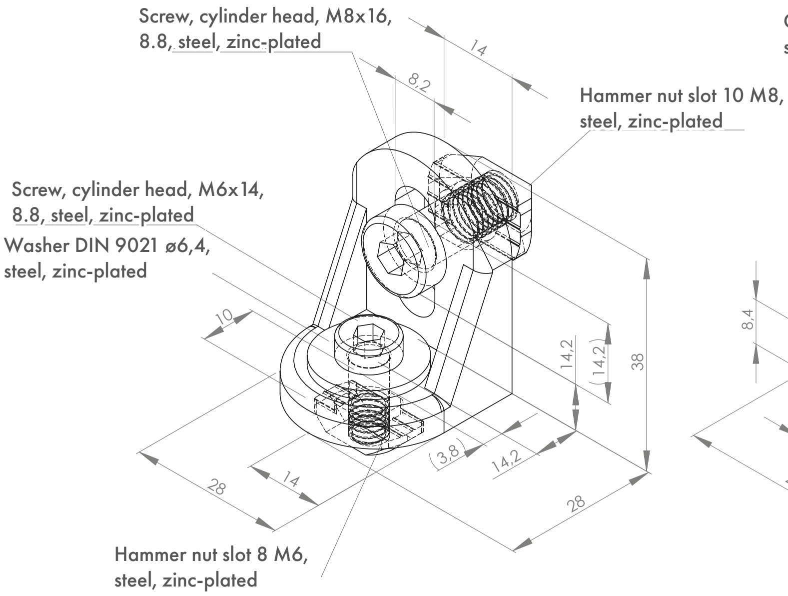
8 10

R-BRACKET WITH FASTENING KIT

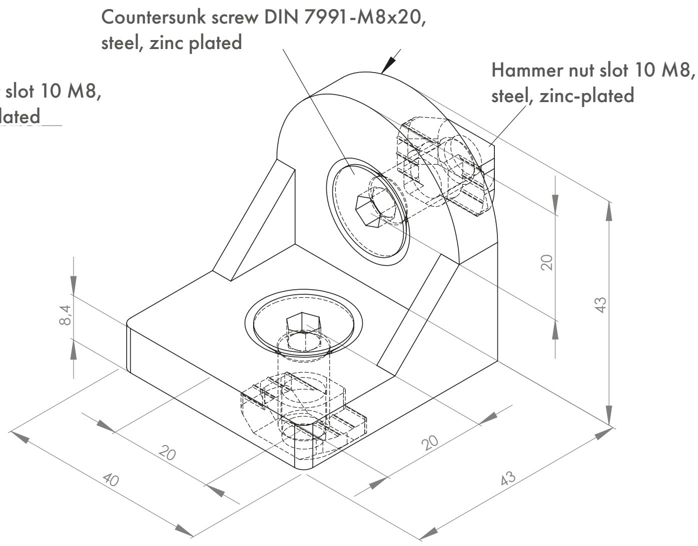
Angle bracket material: die-cast aluminium

For connecting two profiles at any angle.

Mounting this item does not require any profile processing.



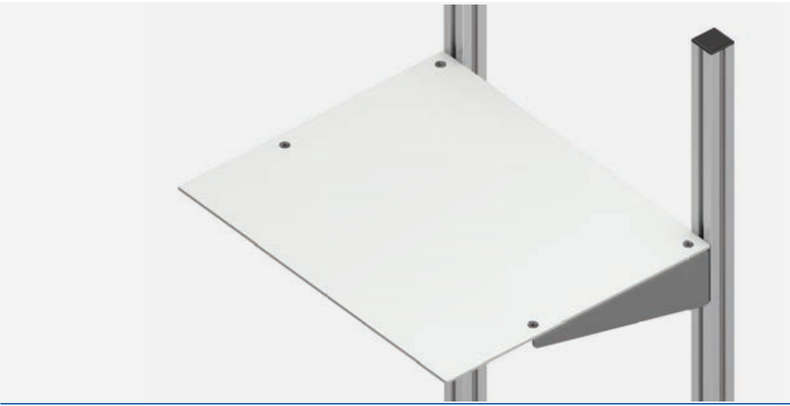
321200



321210

Description	Slot	Dimensions	Version	Weight (g)	ESD	Art. no.:
R-bracket 28x28x38 with fastening kit	**8-10**	28x28x38	With fastening kit*	47.4		**321200**
R-bracket 40x43x43 with fastening kit	**10**	40x43x43	With fastening kit**	76.0		**321210**

Fastening kit: *	**Fastening kit: ****
1x screw, cylinder head, DIN 7984, M8x16, 8.8, steel, zinc-plated	2x pan head screws DIN 7991-M8x20, steel, zinc-plated
1x screw, cylinder head, DIN 7984, M6x14, 8.8, steel, zinc-plated	2x hammer nuts slot 10 M8, steel, zinc-plated
1x hammer nut slot 10 M8, steel, zinc-plated	
1x hammer nut slot 8 M6, steel, zinc-plated	
1x washer DIN 9021 Ø6.4, steel, zinc-plated	



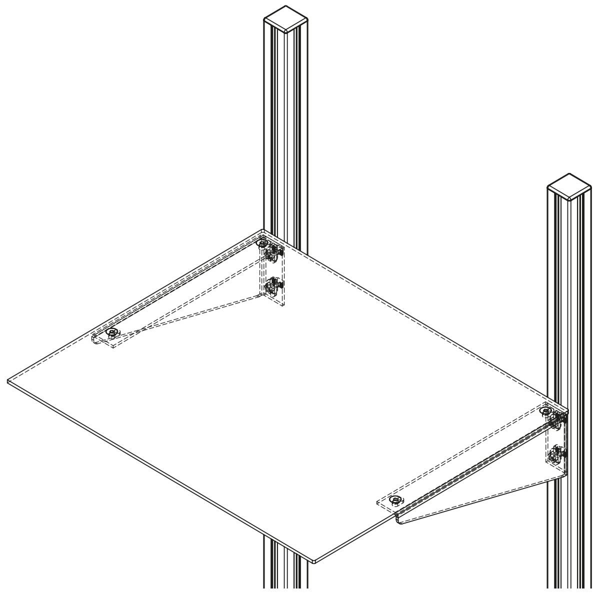
CONSOLE (ANGLE BRACKET) LEFT / RIGHT WITH FASTENING KIT

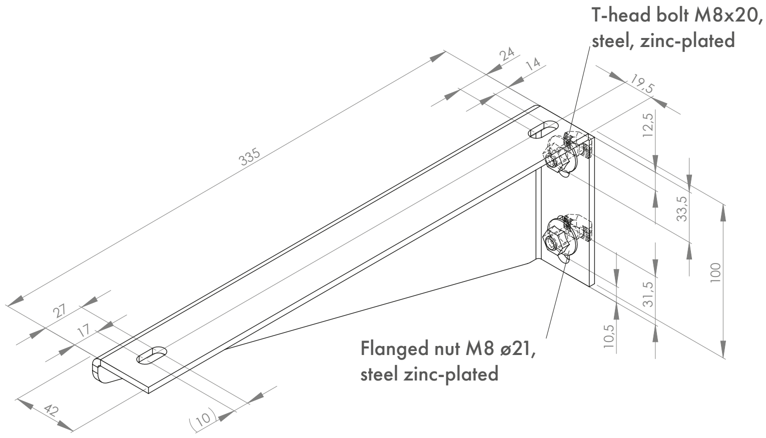
Material:

Console (angle bracket): sheet steel, powder-coated (dust grey, RAL 7037)

For attaching a tray or similar (e.g. a shelf) to profiles

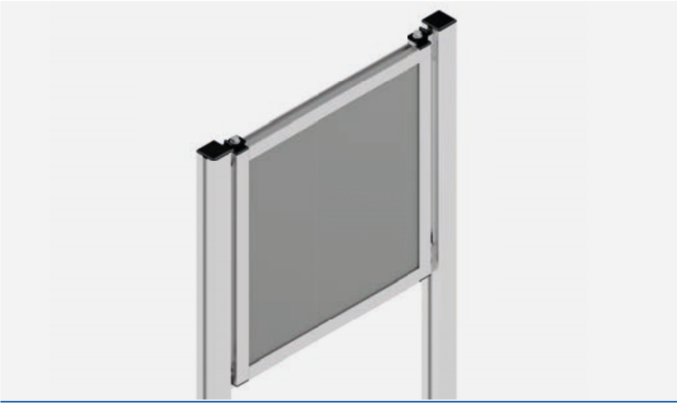
Mounting this item does not require any profile processing.





Description	Dimensions (mm)	Version	Weight (g)	ESD	Art. no.:
Left console	335x100x42x4	Without fastening kit	409.0		**504109**
Right console	335x100x42x4	Without fastening kit	409.0		**504119**
Left console with fastening kit *	335x100x42x4	With fastening kit*	430.0		**504110**
Right console with fastening kit *	335x100x42x4	With fastening kit*	430.0		**504120**

Fastening kit: *
2x T-head bolts M8x20, steel, zinc-plated
2x flanged nuts M8 Ø21, steel, zinc-plated



10

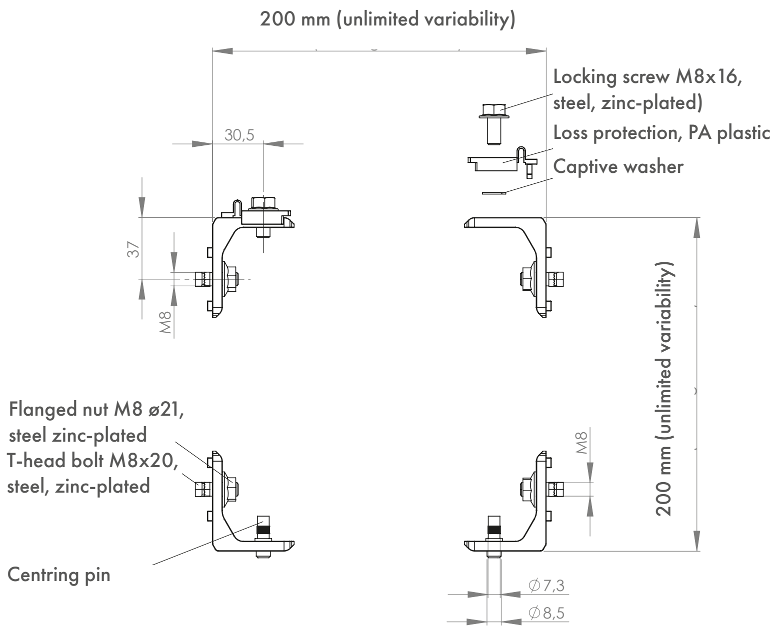
SUSPENSION BRACKET SET FOR PROTECTIVE FENCE (OPT. WITH LOSS PROTECTION)

Angle bracket material: die-cast zinc

For suspending protective fences (e.g. crimped mesh) as wall-mounted elements.

The following processing actions are required to assemble the set of items:

Through hole Ø7 at a spacing of 12 mm in the vertical profiles and M8 threaded holes in the horizontal profiles.



Description	Slot	Version	Weight (g)	ESD	Art. no.:
Suspension bracket for protective fence N10	10	With fastening kit*	430.0		**321410**
Suspension bracket for protective fence N10 with loss protection	10	With fastening kit**	550.0		**321420**

Fastening kit: *	Fastening kit: **
4x suspension brackets, die-cast zinc, bare	4x suspension brackets, die-cast zinc, bare
4x flanged nuts M8, steel, zinc-plated	4x flanged nuts M8, steel, zinc-plated
4x T-head bolts M8x20, steel, zinc-plated	4x T-head bolts M8x20, steel, zinc-plated
2x locking screws M8x16, steel, zinc-plated	2x locking screws M8x16, steel, zinc-plated
2x centring pins Ø8.5, steel, zinc-plated	2x centring pins Ø8.5, steel, zinc-plated
	2x loss protection, PA plastic
	2x captive disc

COVER CAP 30x30 WG 30/40; 30x30 WG 30/40 WITH HOLE

Material: PA plastic (black)

Dimensions	Slot	Version	Weight (g)	Art. no.:
30x30 WG 30/40 with hole	-	Black (with hole Ø8.5)	3.4	**401007**
30x30 WG 30/40	-	Black	3.0	**401008**

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

......................Components for series 40 i and 45 B

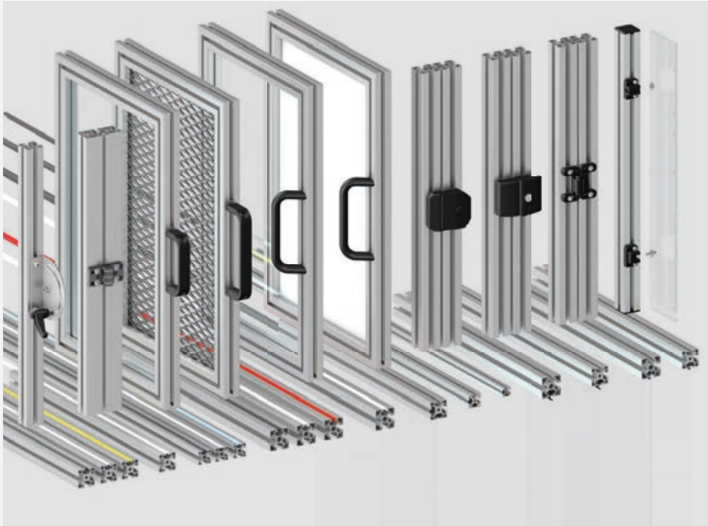
......................Slot specifications


......................ESD symbol for products that are electrostatically dissipative


......................Pages showing product overviews

ACCESSORIES FOR SERIES 40 i..............................From page 324

ACCESSORIES FOR SERIES 40 i AND 45 B............From page 334



ACCESSORIES FOR SERIES 45 B.............................From page 350

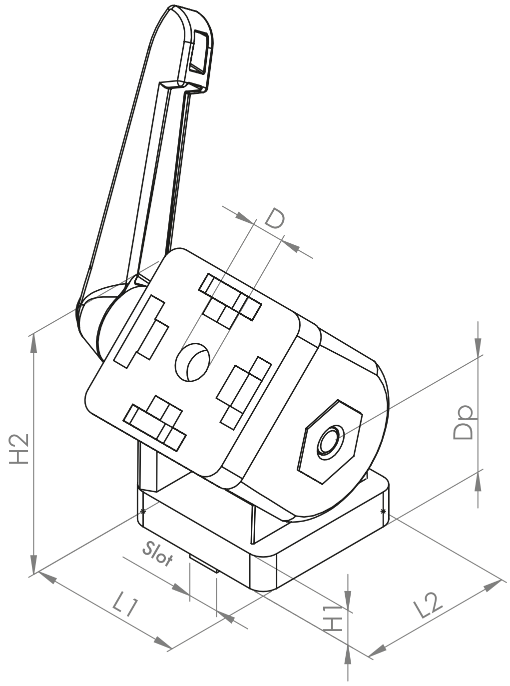
5 6 8

JOINTS WITH AND WITHOUT CLAMPING LEVERS

Joint material: die-cast aluminium | die-cast zinc, aluminium colour, powder-coated

Clamping lever material: Plastic, PA, black | aluminium colour, powder-coated

With slot centring pieces, slot 8 / slot 10

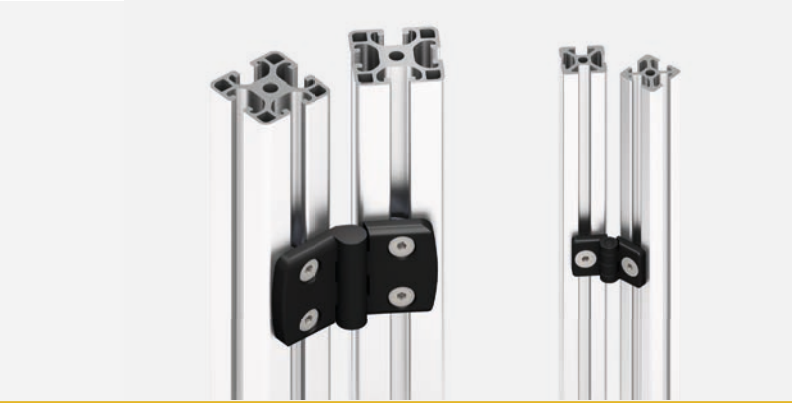


- For swivelling connection of two elements.
- Can be used to fix two elements at the desired angle
- Joints with clamping levers can be used as mitre connectors
- Suitable for end-to-end and end-to-side connections

Description	L1 (mm)	L2 (mm)	Slot (mm)	Ø (D) (mm)	H1 (mm)	H2 (mm)	Dp (mm)	Clam-pable	Weight (g)	ESD	Art. no.:
Joint 5 20x20	20	20	**5**	5.2	5	30	25	Y*	37.1		**426004**
Joint 5 20x20 with clamping lever	20	20	**5**	5.2	5	30	25	Y*	55.0		**426002**
Joint 6 30x30	30	30	**6**	8.3	7	45	26	N*	128.4		**426005**
Joint 6 30x30 with clamping lever	30	30	**6**	8.3	7	45	26	Y*	166.3		**426007**
Joint 8 40x40	40	40	**8**	8.3	9	60	30	N*	297.2		**426010**
Joint 8 40x40 with clamping lever	40	40	**8**	8.3	9	60	30	Y*	380.7		**426020**
Joint 8 40x80	40	80	**8**	8.3	9	100	50	Y*	1011.7		**426030**
Joint 8 40x80 with clamping lever	40	80	**8**	8.3	9	100	50	Y*	1151.2		**426040**

*** Y = YES**

*** N= NO**



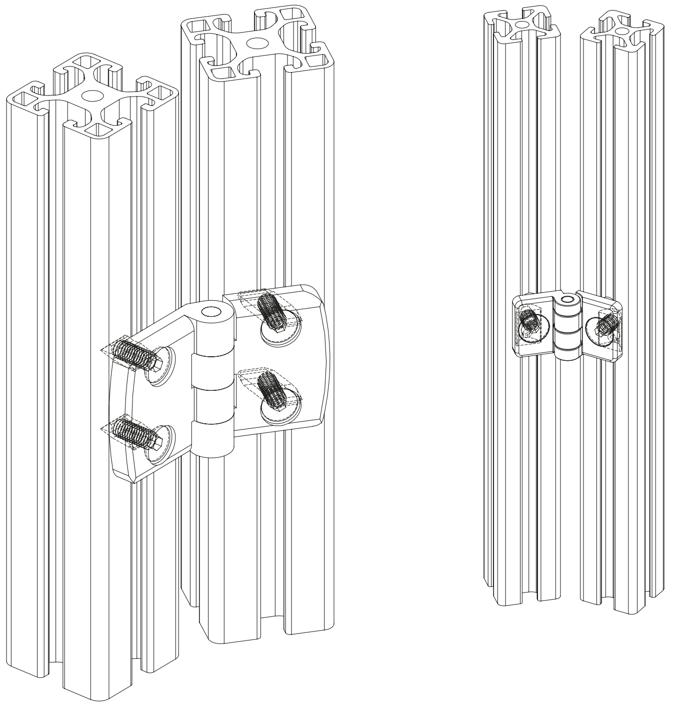
PLASTIC HINGE

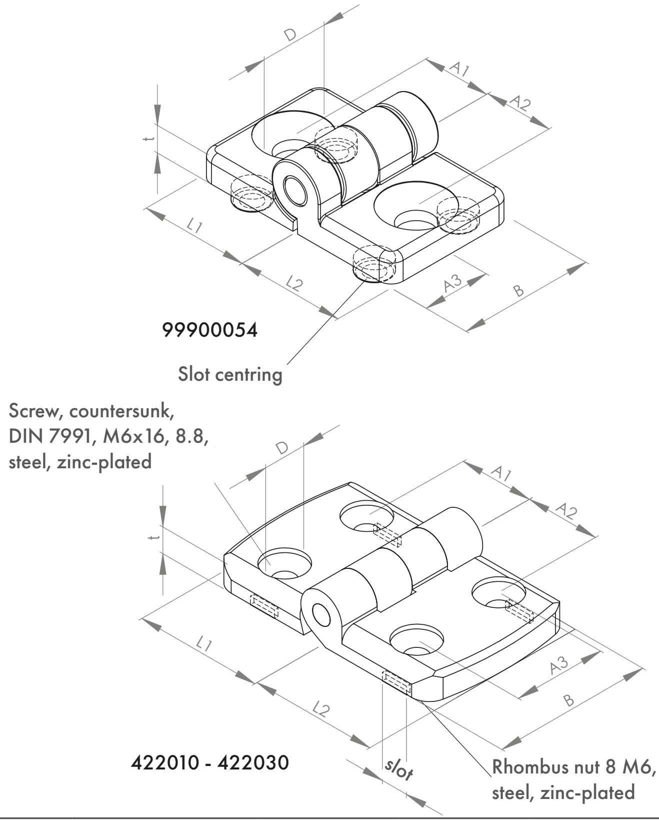
Material:

Hinge: PA plastic (black), glass fibre reinforced (GRP)

Axis: Stainless steel

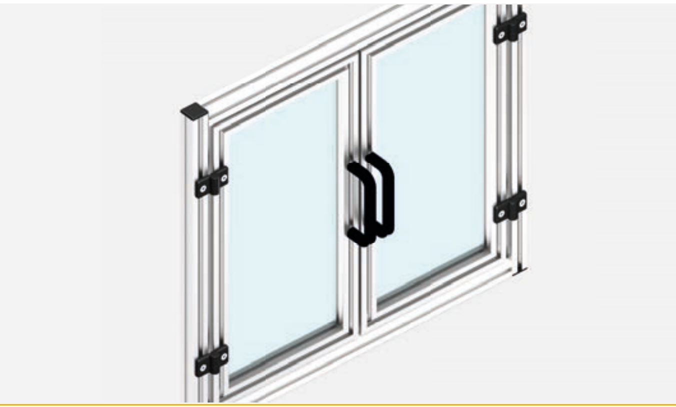
For swivelling connection of two elements.





Description	L1 (mm)	L2 (mm)	B (mm)	Slot	A1 (mm)	A2 (mm)	A3 (mm)	D (mm)	t (mm)	Version	Weight (g)	Art. no.:
Plastic hinge 20x32 (mini)	16	16	20	**5**	10.2	10.2	10	Am5	4	-	-	**99900054**
Plastic hinge 30x30 with fastening kit	29.5	29.5	48	**6**	17.5	17.5	28	Am6	7.9	Fastening kit*	-	**422010**
Plastic hinge 30x40 with fastening kit	38.5	38.5	48	**6-8**	22.5	17.5	38	Am6	7.9	Fastening kit**	-	**422020**
Plastic hinge 40x40 with fastening kit	38.5	38.5	48	**8**	22.5	22.5	28	Am6	7.9	Fastening kit***	-	**422030**

Fastening kit:*	**Fastening kit:****	**Fastening kit:*****
4x swivelling T-slot nuts 6 M6 with ball and bar, steel, zinc-plated	2x rhombus nuts 8 M6, steel, zinc-plated	4x rhombus nuts slot 8 M6, steel, zinc-plated
4x screws, countersunk, DIN 7991, M6x16, 8.8, steel, zinc-plated	2x swivelling T-slot nuts 6 M6 with ball and bar, steel, zinc-plated	4x screws, countersunk, DIN 7991, M6x16, 8.8., steel, zinc-plated
	2x screws, countersunk, DIN 7991, M6x16, 8.8, steel, zinc-plated	
	2x screws, countersunk, DIN 7991, M6x14, 8.8, steel, zinc-plated	



8

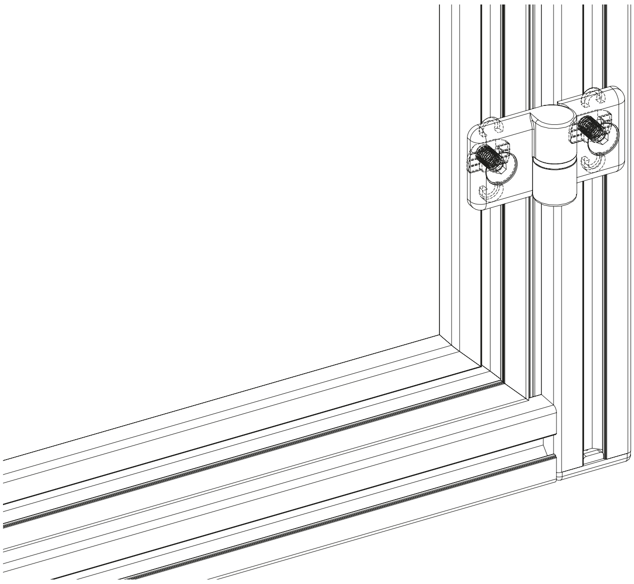
PLASTIC HINGE RIGHT/LEFT

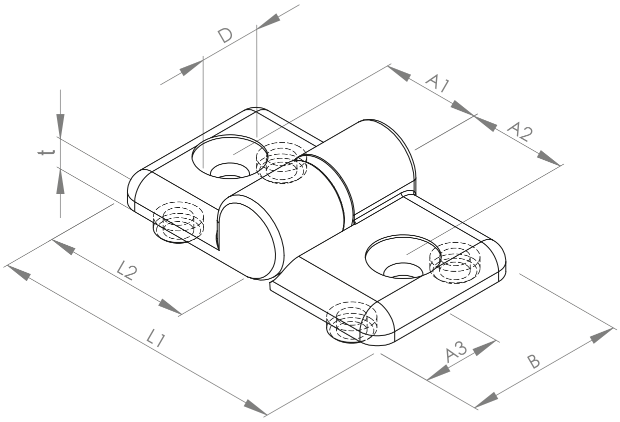
Material:

Hinge: PA plastic (black), glass fibre reinforced (GRP)

Axis: Stainless steel

For swivelling connection of two elements.





Description	L1 (mm)	L2 (mm)	B (mm)	Slot	A1 (mm)	A2 (mm)	A3 (mm)	D (mm)	t (mm)	Version	Weight (g)	Art. no.:
PA hinge 8, right	60	30	32	**8**	20	20	16	Am6	6	-	23.5	**99900083**
PA hinge 8, left	60	30	32	**8**	20	20	16	Am6	6	-	23.5	**99900231**

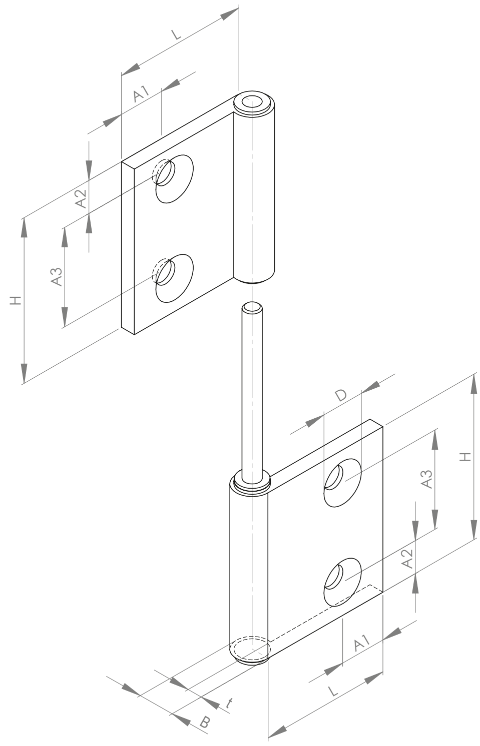
INSIDE HINGE, ALUMINIUM

Material:

Hinge: anodised aluminium

Axis: Stainless steel

For swivelling connection of two elements.



Description	L (mm)	B (mm)	H (mm)	A1 (mm)	A2 (mm)	A3 (mm)	t (mm)	D (mm)	Weight (g)	Art. no.:
Hinge 8 AL 50x80 inside left	40	Ø 11	50	14	10	30	5	Am6	75.1	**422040**
Hinge 8 AL 50x80 inside right	40	Ø 11	50	14	10	30	5	Am6	75.1	**422045**

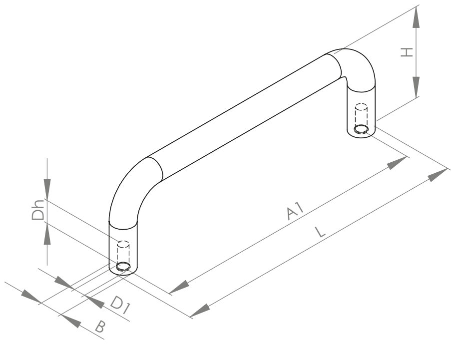
AL HANDLES

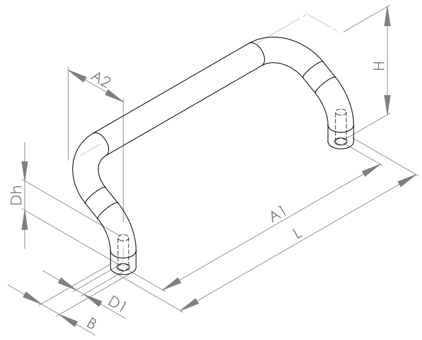
Material: Aluminium, black

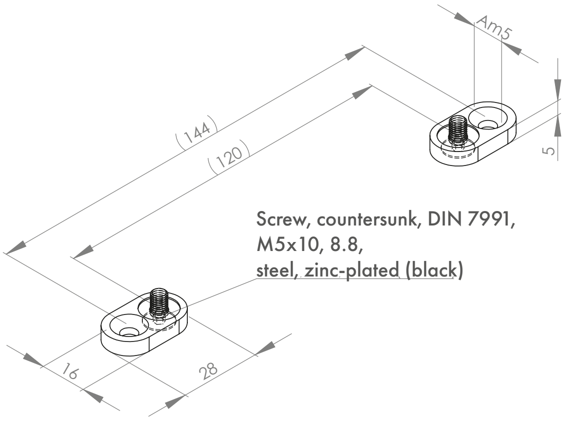
Fastening kit*:

Door handle for sliding, swivelling and folding doors.

No profile processing is required to attach this item.







Fastening kit for handle Al 120

Description	L (mm)	B (mm)	A1 (mm)	A2 (mm)	H (mm)	D1 (mm)	Dh (mm)	Version	Weight (g)	Art. no.:
Straight handle										
Handle Al 120, black	130	Ø 10	120	-	40	M5	10	Aluminium, black	33.4	**403100**
Handle Al 160, black	170	Ø 10	160	-	40	M5	10	Aluminium, black	40.9	**99900513**
Handle (bent)										
Handle Al 120 bent, black	130	Ø 10	120	30	40	M5	10	Aluminium, black	38.4	**403101**

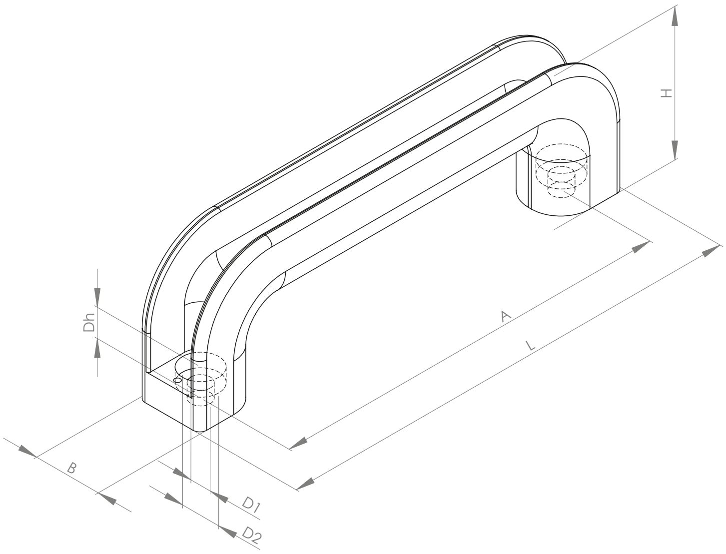
Accessories	L (mm)	B (mm)	A1 (mm)	A2 (mm)	H (mm)	D1 (mm)	Dh (mm)	Version	Weight (g)	Art. no.:
Fastening kit for handle Al 120	28	16	(120)	(144)	-	-	-	Fastening kit*	21.8	**403102**

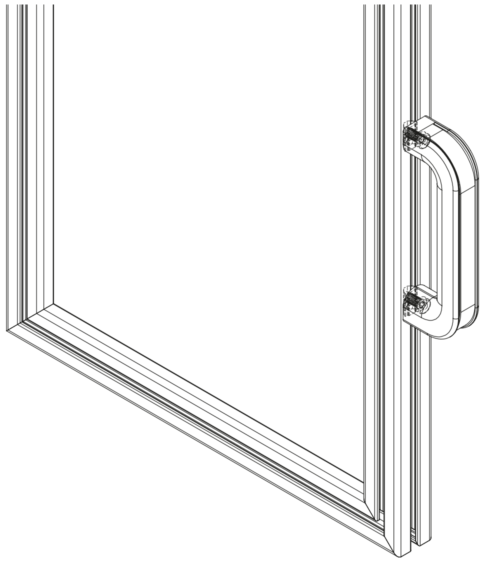
BOW HANDLES

Material: PA plastic (glass fibre reinforced)

Door handle for sliding, swivelling and folding doors.

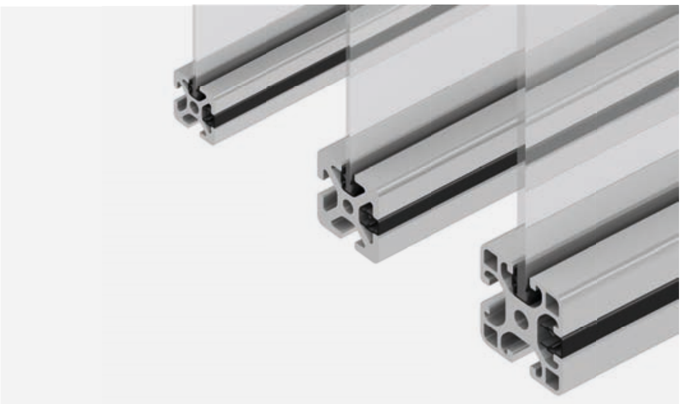
No profile processing is required to attach this item.





Description	L (mm)	A (mm)	B (mm)	H (mm)	Dh (mm)	D1 (mm)	D2 (mm)	Version	Weight (g)	Art. no.:
Handle PA 80	90	80	12	32	8	Ø4.5	-	-	-	**403058**
Handle PA 120	135	120	16	48.4	9.8	Ø5.3	Ø8.5	-	-	**403060**
Handle PA 120 ESD	135	120	16	48.4	9.8	Ø5.3	Ø8.5	ESD	-	**403065**
Handle PA 160	188	160	27.4	59	12	Ø8.5	16	-	-	**403070**
Handle PA 160 ESD	188	160	27.4	59	12	Ø8.5	16	ESD	-	**403075**

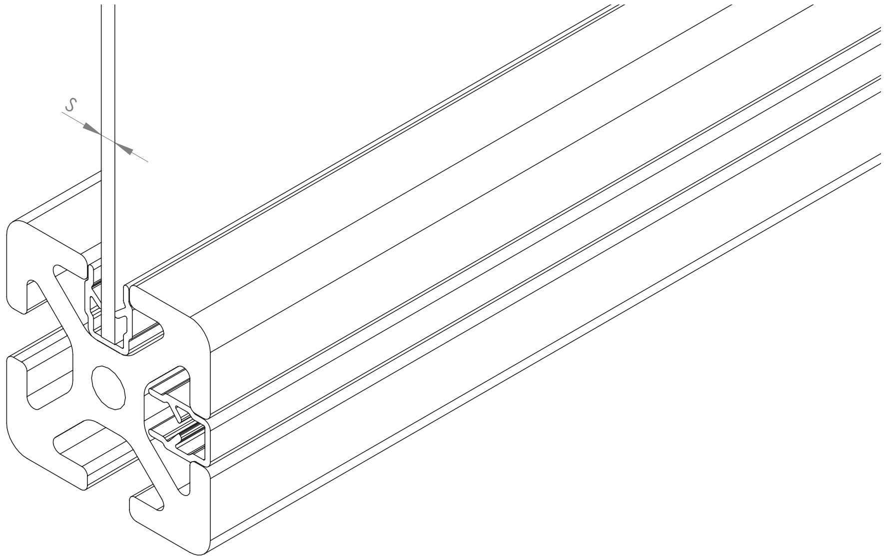
Accessories	L (mm)	A (mm)	B (mm)	H (mm)	Dh (mm)	D1 (mm)	D2 (mm)	Version	Weight (g)	Art. no.:
Cover cap for handle PA 120	160	-	8	37	-	-	-	-	-	**403061**
Cover cap for handle PA 160	187	-	18	48	-	-	-	-	-	**403071**



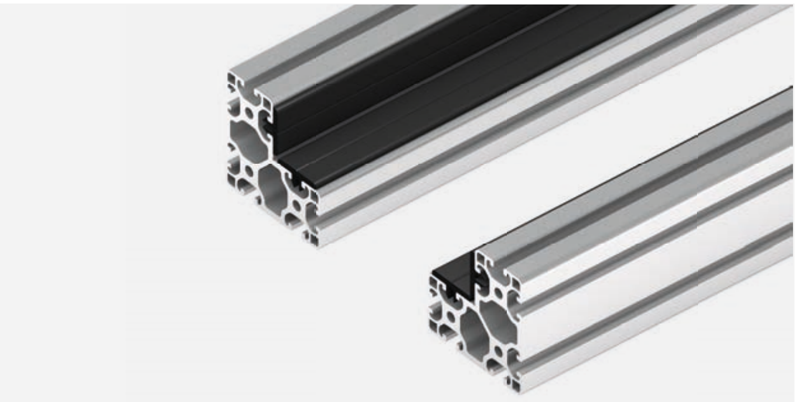
5 6 8

COVER AND EDGING PROFILES

- For enclosing panel elements in a profile slot
- Suitable for covering the profile slots
- Keeps dust and other dirt out of the profile slot



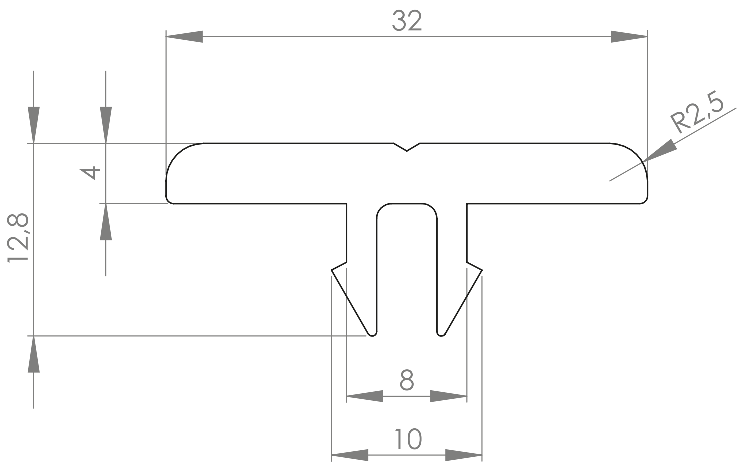
	Description	Slot	Panel thickness (S)	Overall length (L)	Material	Colour	Weight (g)	Series	Art. no.:
	Cover and edging profile 5 black, L=2000 mm, S=1-3 mm	5	1 - 3	2000	PP + TPE	Black	-	(i)	413035
	Cover and edging profile 5 transparent, L=2000 mm, S=1-3 mm	5	1 - 3	2000	PP + TPE	Transparent	-	(i)	413036
	Cover and edging profile 6, black, L=2000 mm, S=2-4 mm	6	2 - 4	2000	PP + TPE	Black	-	(i)	413040
	Cover and edging profile 6, transparent, L=2000 mm, S=2-4 mm	6	2 - 4	2000	PP	Transparent	-	(i)	413041
	Cover and edging profile 6, grey, L=2000 mm, S=2-4 mm	6	2 - 4	2000	PP	Grey, similar to RAL 7042	-	(i)	413042
	Cover and edging profile 8, black, L=2000 mm, S=4-6 mm	8	4 - 6	2000	PP + TPE	Black	-	(i)	413045
	Cover and edging profile 8, transparent, L=2000 mm, S=4-6 mm	8	4 - 6	2000	PP + TPE	Transparent	-	(i)	413046
	Cover and edging profile 8, transparent, L=2000 mm, S=0.8-3 mm	8	0.8 - 3	2000	PP + TPE	Transparent	-	(i)	413047
	Cover and edging profile 8, grey, L=2000 mm, S=4-6 mm	8	4 - 6	2000	PP + TPE	Grey, similar to RAL 7042	-	(i)	413048
	Cover and edging profile 8, yellow, L=2000 mm, S=4-6 mm	8	4 - 6	2000	PP + TPE	Yellow, similar to RAL 1018	-	(i)	413049



SLIDING STRIPS

Material: PA plastic, black (glass fibre reinforced)

- Low-friction sliding element for transporting workpiece carriers or other goods
- Can be used as a stop strip, guide strip or optionally as a support for delicate goods
- ESD, conductive



Cross-section	Description	Slot	Length (mm)	Material	Weight (g)	ESD	Art. no.:
	Sliding strip 8, black, L=2000 mm, ESD	**8**	2000	Black	-		**413085**

8

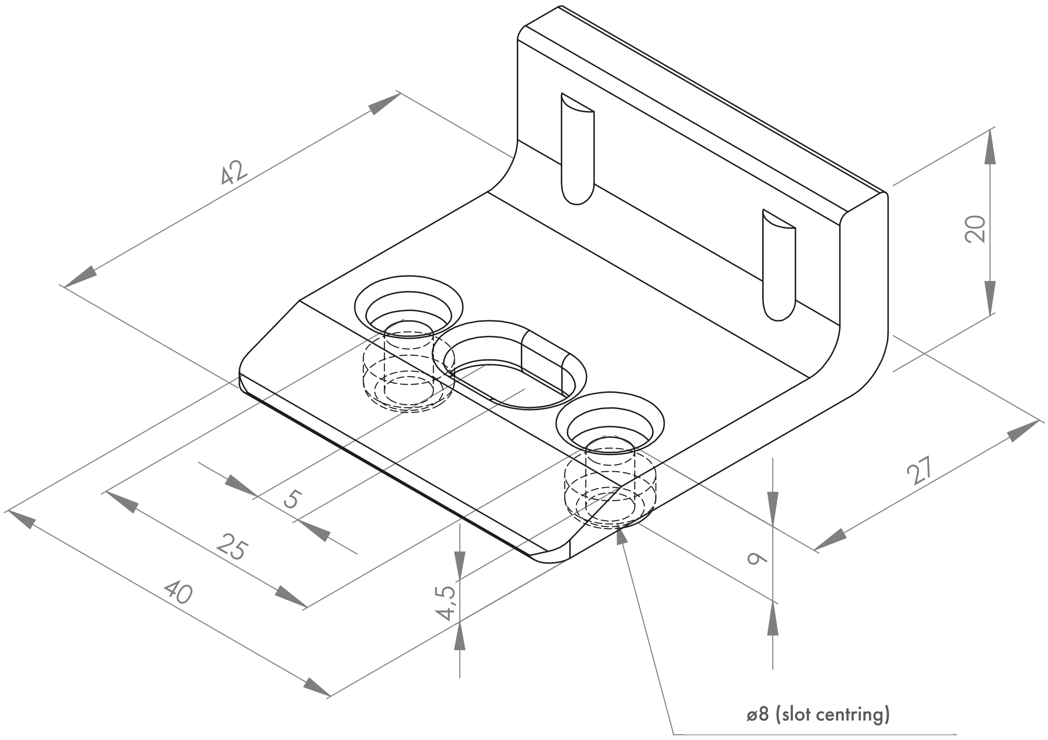
DOOR STOP 8 PA

Material: PA plastic, glass fibre reinforced (GRP)

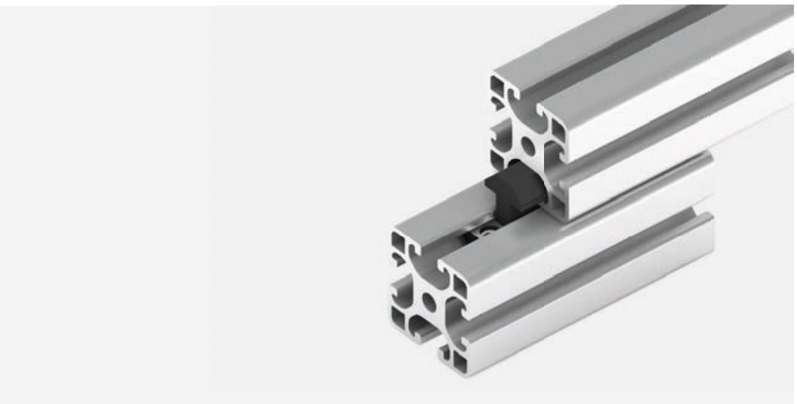
Stop bracket with ramp wedge.

Two elastomer inserts for damping

Mounting this item does not require any profile processing.



Description	Slot (mm)	Weight (g)	Art. no.:
Door stop 8 PA	**8**	12.1	**405050**

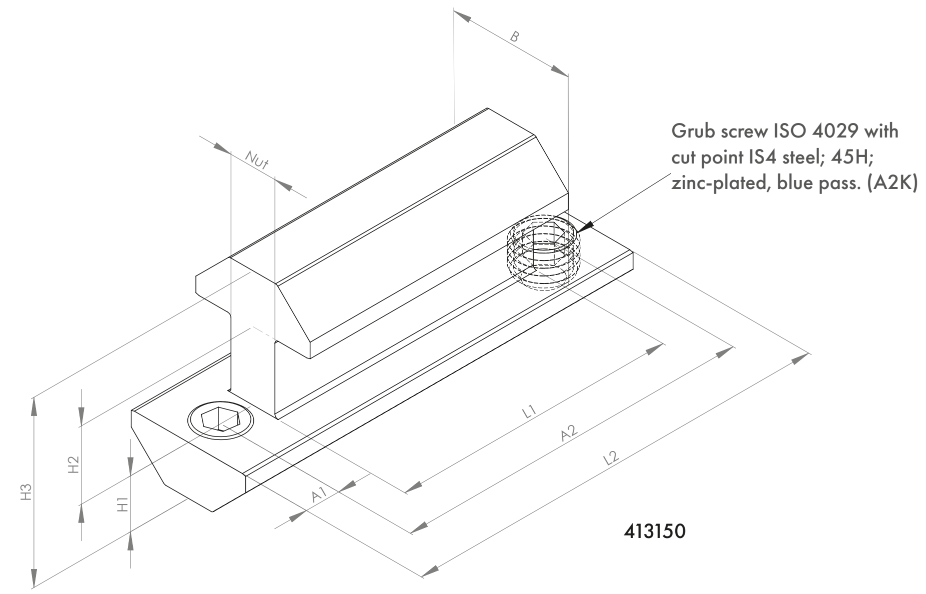


SYSTEM GLIDERS

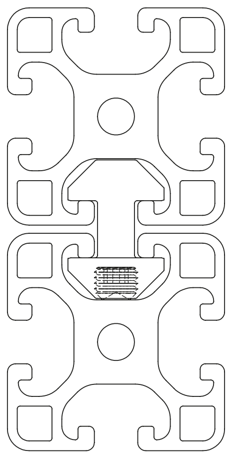
Material: PA plastic (black)

Gliders for constructing low-friction sliding guides, e.g.:

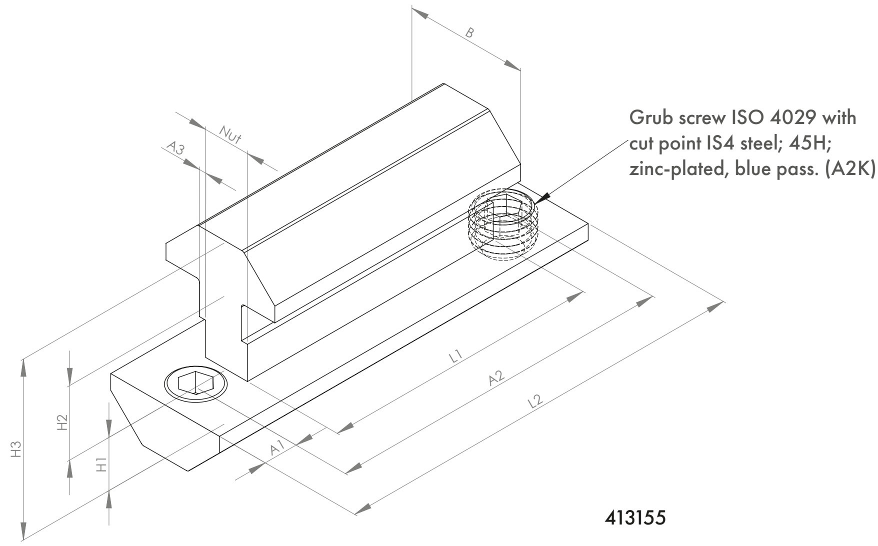
sliding doors, lifting doors, slides, drawer runners and much more.



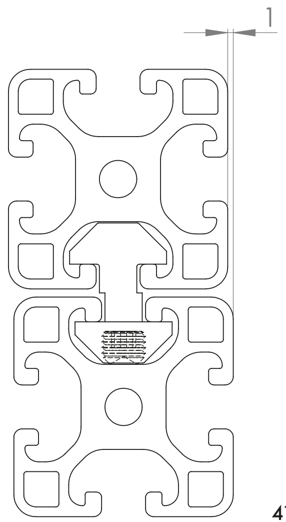
413150



413150



413155



413155

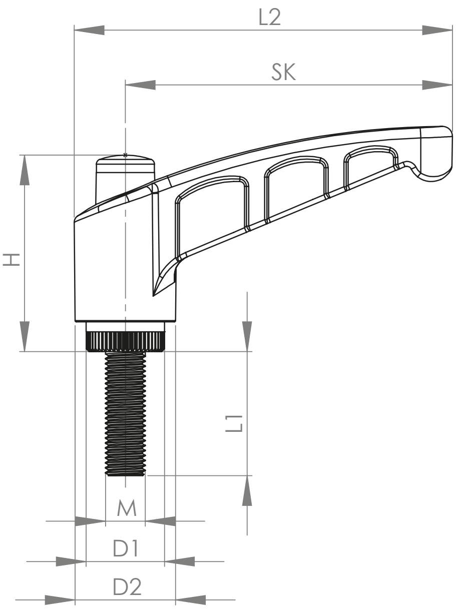
Description	Slot (mm)	L1 (mm)	L2 (mm)	B (mm)	A1 (mm)	A2 (mm)	A3 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	Weight (g)	Art. no.:
System glider 8, PA symmetrical	**8** (6.8 mm)	40	60	17.7	5	43	-	7.5	10.5	25.5	19.7	**413150**
System glider 8, PA asymmetrical	**8** (6.8 mm)	40	60	17.7	5	43	1	7.5	10.5	25.5	19.7	**413155**

CLAMPING LEVER WITH RELEASE BUTTON

Material:

Lever: Thermoplastic polymer

Thread: steel, zinc-plated



- The clamping lever is ideal for locking movable or rotatable components in place Only one thread (e.g. M6 / M8) is needed to screw on the clamping lever.

- The release button guarantees that the locking lever will still work even if the clamping lever cannot be rotated the full 360° due to an obstacle.

Description	L1 (mm)	L2 (mm)	Interference circle (SK)	H (mm)	D1 (mm)	D2 (mm)	Weight (g)	Art. no.:
Clamping lever M6x25 with release button	25	53	45	29	11.5	15.3	14.7	**99901514**
Clamping lever M6x40 with release button	40	53	45	29	11.5	15.3	17.1	**99900557**
Clamping lever M8x12 with release button	12	76	65	40	16	20	29.1	**370500**
Clamping lever M8x16 with release button	16	76	65	40	16	20	29.6	**370505**
Clamping lever M8x20 with release button	20	76	65	40	16	20	32.0	**370510**
Clamping lever M8x25 with release button	25	76	65	40	16	20	32.4	**370520**
Clamping lever M8x30 with release button	30	76	65	40	16	20	34.1	**99900512**
Clamping lever M8x40 with release button	40	76	65	40	16	20	37.5	**370530**
Clamping lever M8x60 with release button	60	76	65	40	16	20	44.0	**370540**

6 8 10

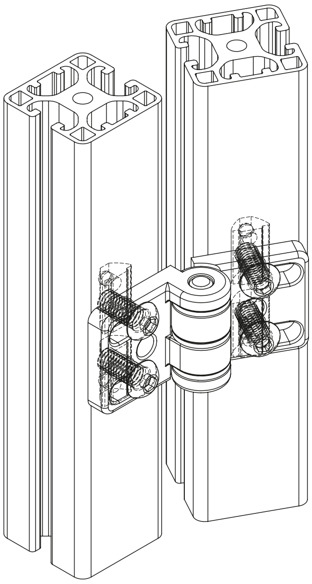
HINGE, ZINC (WITH ELONGATED HOLE)

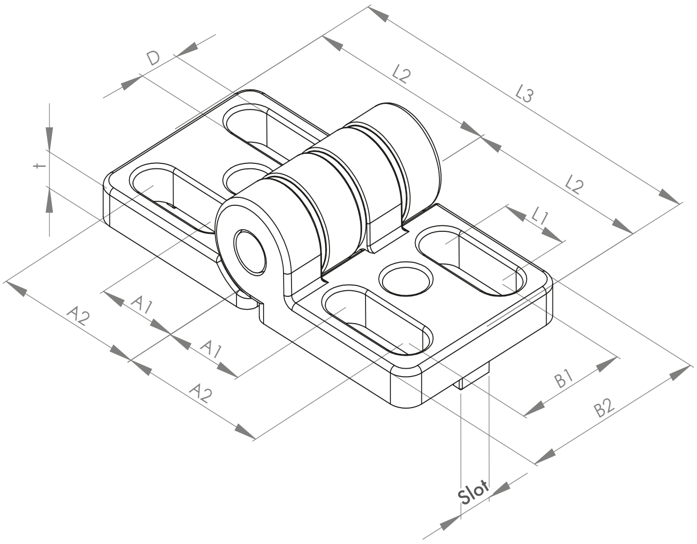
Material:

Hinge: die-cast zinc (zinc), black powder-coated

Axis: stainless steel

For swivelling connection of two elements.





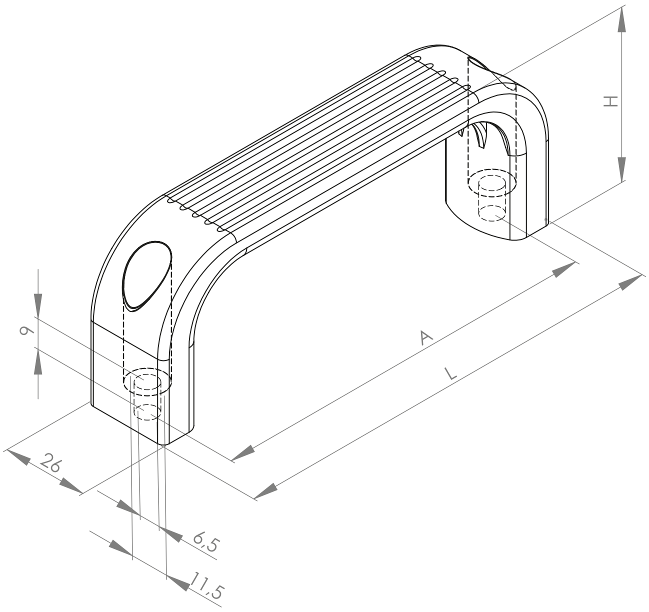
Description	A1 (mm)	A2 (mm)	B1 (mm)	B2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	D (mm)	Slot (mm)	t (mm)	Weight (g)	Series	Art. no.:
Hinge, zinc 6 30x60 (elongated hole)	13	24	18	30	11	30	60	Ø6.4	6	5.5	175.0	(i)	**402045**
Hinge, zinc 8 40x80 (elongated hole)	20	33	24	40	13	40	80	Ø8.3	8	8	180.0	(i)	**402051**
Hinge, zinc 30x60 slot 8 (elongated hole)	13	24	18	30	11	30	60	Ø6.4	8	5.5	175.0	(B)	**402046**
Hinge, zinc 40x80 slot 10 (elongated hole)	20	33	24	40	13	40	80	Ø8.3	10	8	180.0	(B)	**402050**

BOW HANDLES

Material: PA plastic (glass fibre reinforced)

Door handle for sliding, swivelling and folding doors.

Mounting this item does not require any profile processing.



Description	L (mm)	A (mm)	H (mm)	Weight (g)	ESD	Art. no.:
Bow handle 26x133x50	133	118	50	56.3	-	**403080**
Bow handle 26x133x50 ESD	133	118	50	49.0		**403081**
Bow handle 26x195x58	195	179	58	80.6	-	**403090**
Bow handle 26x195x58 ESD	195	179	58	68.3		**403091**

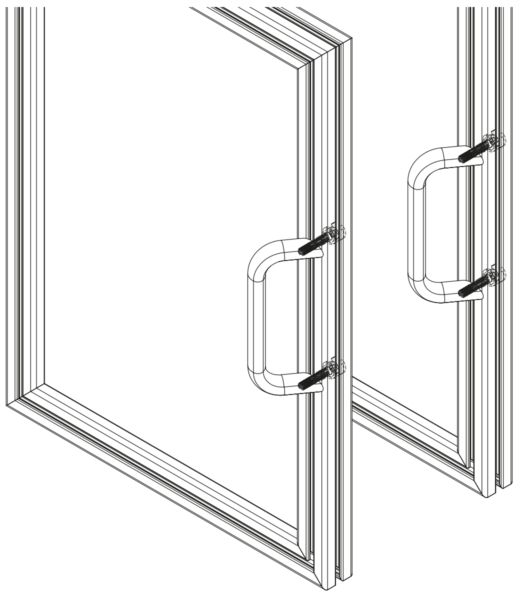
CRANKED HANDLE

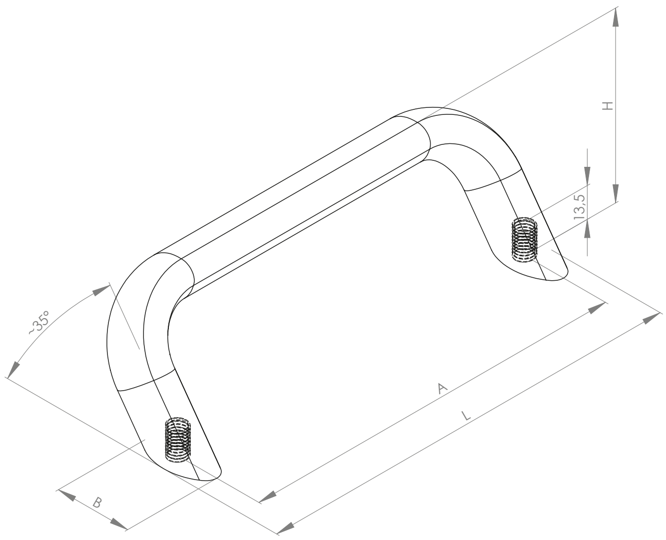
Material: anodised aluminium (natural)

Cranked door handle for sliding, swivelling and folding doors.

One profile processing action is required to attach this item.

Recommendation: 2x holes with cylindrical countersinks through the profile to which the handle is being attached.





Description	L (mm)	A (mm)	H (mm)	Weight (g)	ESD	Art. no.:
Cranked handle Al anodised 160	177	160	54	219.0		**403055**

ASK HANDLE SYSTEM

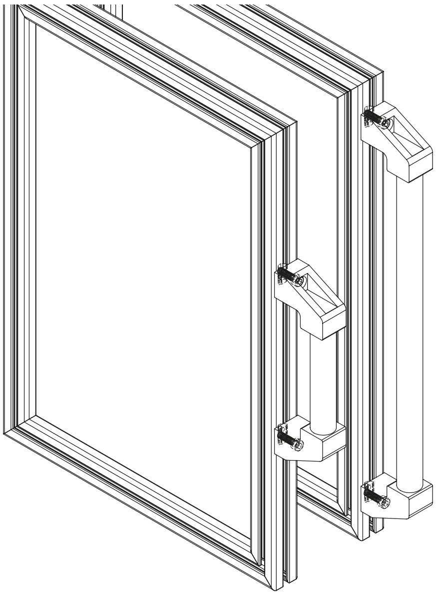
Material:

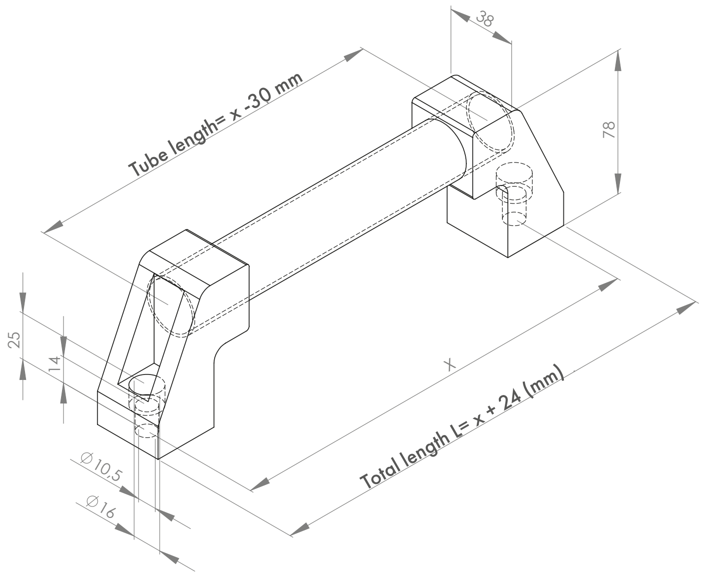
Handle tube Ø30: anodised aluminium

Tube bracket: PA plastic (black), glass fibre reinforced

Cranked door handle for sliding, swivelling and folding doors.

Mounting this item does not require any profile processing.
Fastening kit not included.





Description	X (mm)	L (mm)	Tube length (mm)	Weight (g)	Art. no.:
ASK handle system	200 - 500	X + 24	X - 30	Variable	**403040**
ASK handle system	501 - 800	X + 24	X - 30	Variable	**403050**

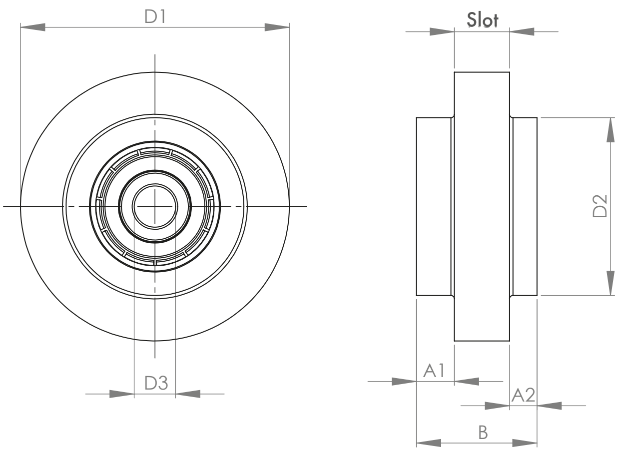
8 10

CONVEYOR ROLLERS

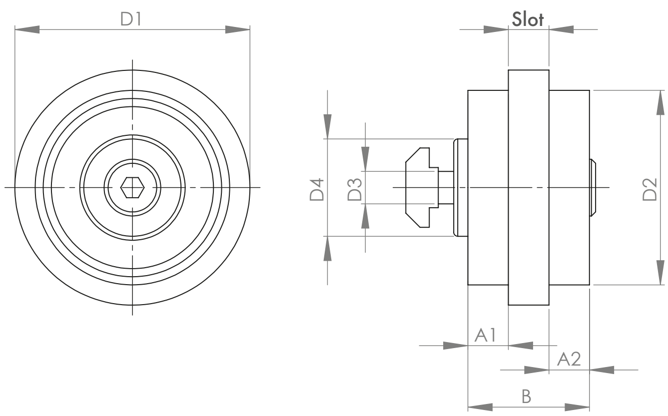
Material: PA plastic (black), glass ball reinforced

For guided sliding doors and windows or other similar linear guided elements, such as workpiece carriers

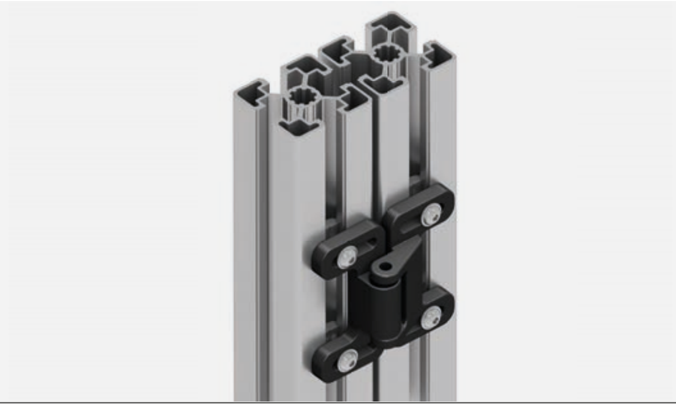
406010



406020



Description	A1 (mm)	A2 (mm)	B (mm)	D1 (mm)	D2 (mm)	D3 (mm)	D4 (mm)	Slot	Max. load capacity	Weight (g)	Art. no.:
Conveyor roller 8	13.8	3.8	17.6	Ø39	Ø25.8	Ø6	-	**8**	150 N	30.0	**406010**
Conveyor roller slot 10	10	10	30	Ø58	Ø48.4	Ø9 (M8)	21.8	**10**	1000 N	154.1	**406020**



6 8 10

UNIVERSAL BALL CATCH

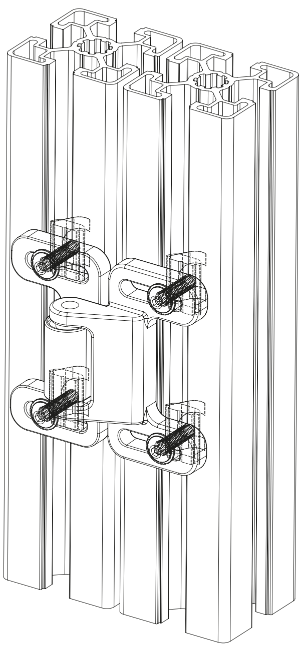
Material: PA plastic, glass fibre reinforced (GRP)

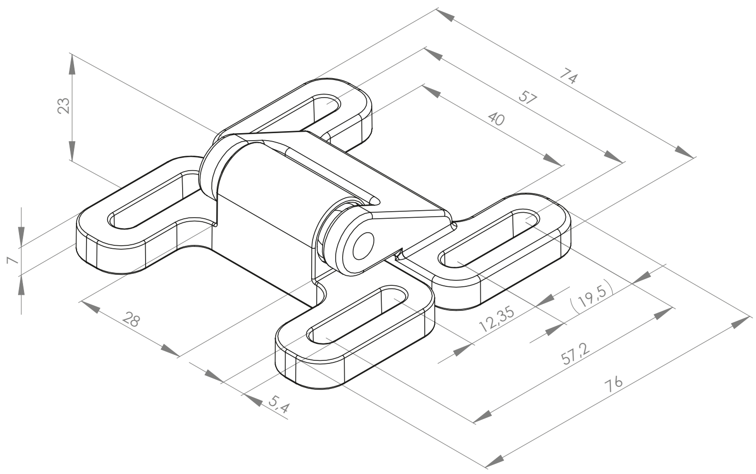
Catch for swivelling or sliding doors

Versatile applications thanks to slotted holes.

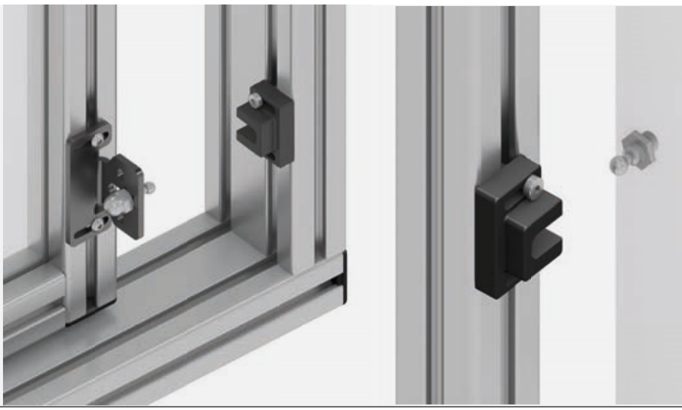
Profile types: 20/30/40/45

No profile processing is required to mount the item.





Description	Slot	Weight (g)	Art. no.:
Universal ball catch	**6/8/10**	46.0	**405040**



MAGNET AND BALL CATCH | MOUNTING BRACKET FOR CATCH

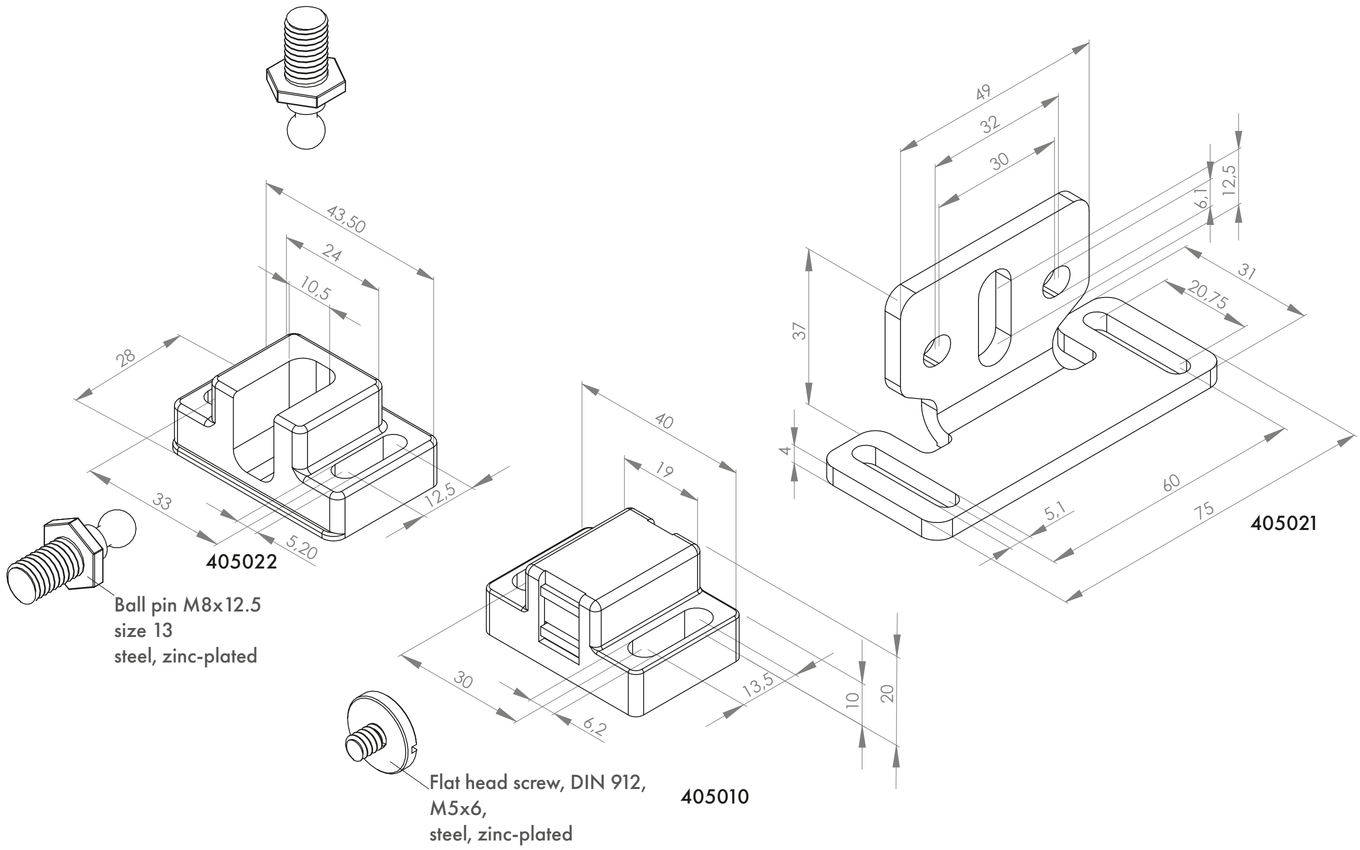
Material:

Catch: PA plastic, glass fibre reinforced (GRP)

Mounting bracket: steel, powder-coated (black)

Holds sliding and swivelling doors in place.

Versatile applications thanks to slotted holes.



Description	Accessories	Weight (g)	Art. no.:
Ball catch	With ball pins M8x12.5, steel, zinc-plated 133	25.5	**405022**
Magnetic catch	With flat head screw DIN 912, M5x6, steel, zinc-plated	35.1	**405010**
Mounting bracket for catch	-	84.1	**405021**

6 8 10

DOOR LOCKS

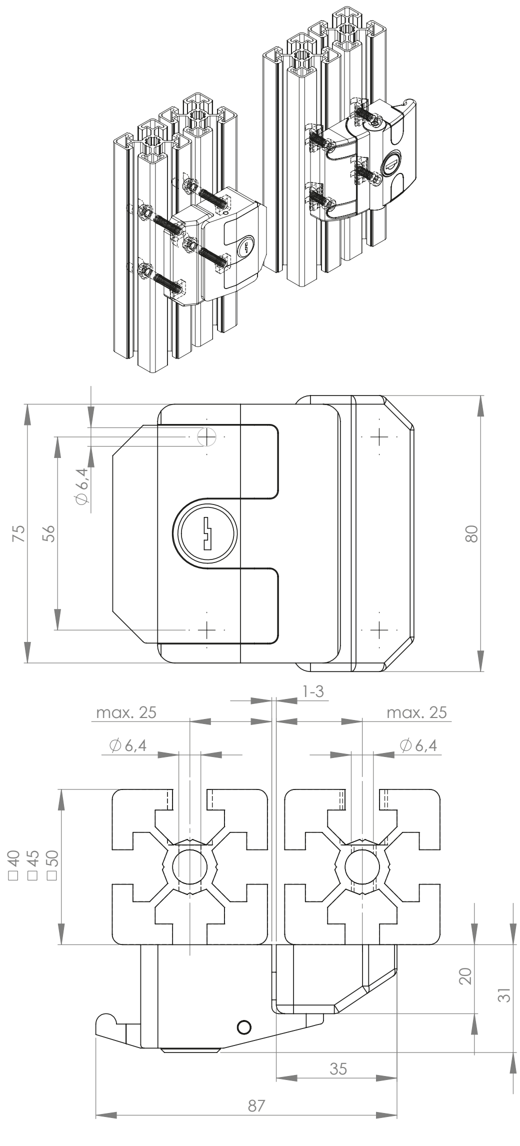
Door lock material: die-cast zinc

Compact door lock: die-cast aluminium

For use on lockable doors on housings and similar.

One profile processing action is required to attach this lock.

Recommendation: 2x holes with cylindrical countersinks through the profile to which the lock is being attached.

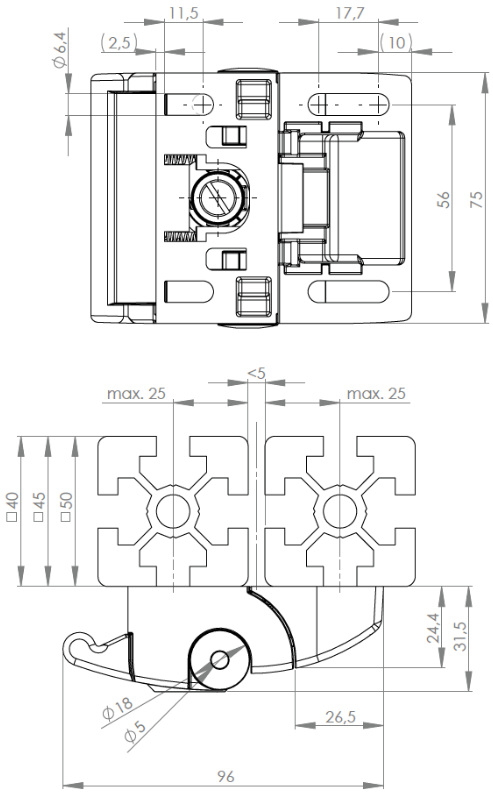


404010 / 404020

Explanation:

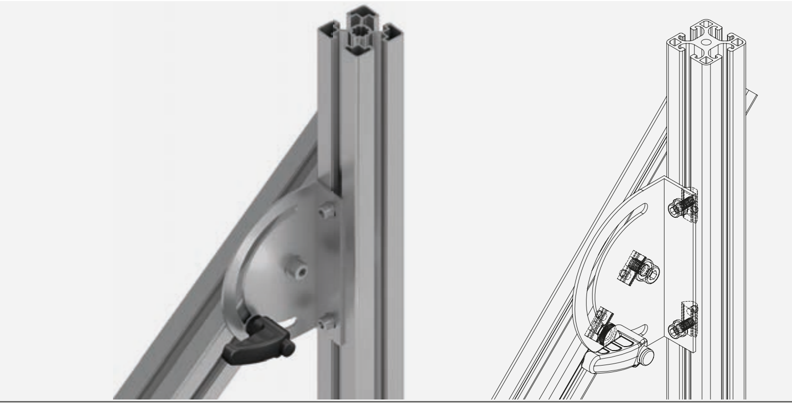
*** Keyed alike:**
One key closes all locks of this type.

*** Keyed different:**
Every set of keys only closes the associated lock.



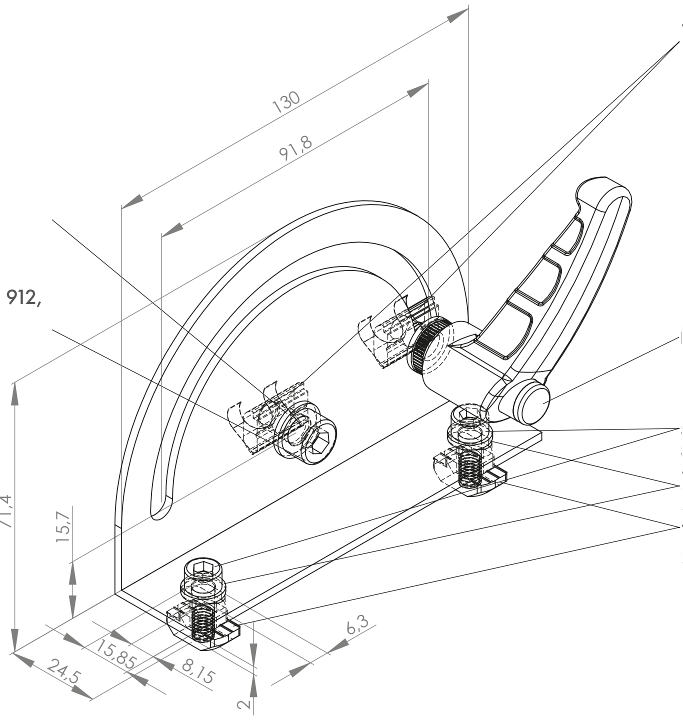
404012 / 404022

Description	Slot	Version	Processing	Accessories	Weight (g)	Art. no.:
Door lock	**6 /8/10**	Keyed alike	2x cylindrical countersink	With set of keys	555.0	**404010**
Door lock	**6/8/10**	Keyed different	2x cylindrical countersink	With set of keys	555.0	**404020**
Compact door lock	**6/8/10**	Keyed alike	-	With set of keys	247.0	**404012**
Compact door lock	**6/8/10**	Keyed different	-	With set of keys	247.0	**404022**



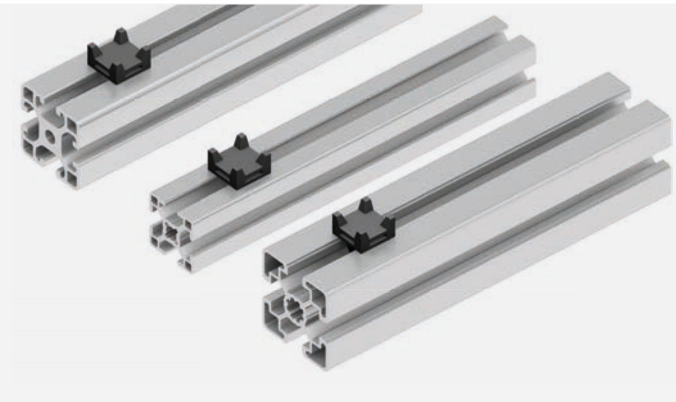
8 10

SWIVEL MOUNTS



Description	Slot	Version	Weight (g)	Series	Art. no.:
Swivel mount set slot 8-8	**8/8**	With fastening kit***	385.2	**(i)**	**415030**
Swivel mount set slot 8-10	**8/10**	With fastening kit*	316.2	**(B)**	**415010**
Swivel mount set slot 10-10	**10/10**	With fastening kit**	323.2	**(B)**	**415020**

Fastening kit*:	Fastening kit**:	Fastening kit***:
1x clamping lever M8x12 with release button A=65, PA plastic (black)	1x clamping lever M8x16 with release button A=65, PA plastic (black)	1x clamping lever M8x16 with release button, PA plastic (black)
1x laser sheet (for swivel mount), zinc-plated	1x laser sheet (for swivel mount), zinc-plated	1x laser sheet (for swivel mount), zinc-plated
1x screw, cylinder head, DIN 912, M8x12, 8.8, steel, zinc-plated	1x screw, cylinder head, DIN 912, M8x16, 8.8, steel, zinc-plated	1x screw, cylinder head, DIN 912, M8x16, 8.8, steel, zinc-plated
2x swivelling T-slot nuts slot 8 M8 with spring sheet, steel, zinc-plated	2x swivelling T-slot nuts slot 10 M8 with spring sheet, steel, zinc-plated	2x screws, cylinder head, DIN 912, M6x12, 8.8, steel, zinc-plated
2x screws, cylinder head, DIN 912, M6x16, 8.8, steel, zinc-plated	2x screws, cylinder head, DIN 912, M6x16, 8.8, steel, zinc-plated	2x swivelling T-slot nuts 8 M6 with ball and bar, steel, zinc-plated
2x hammer nuts slot 10 M6, steel, zinc-plated	2x hammer nuts slot 10 M6, steel, zinc-plated	2x swivelling T-slot nuts 8 M8 with ball and bar, steel, zinc-plated
2x screws, cylinder head, DIN 912, M6x12, 8.8, steel, zinc-plated	2x screws, cylinder head, DIN 912, M6x12, 8.8, steel, zinc-plated	2x washers DIN 125 A Ø6.4, steel, zinc-plated
2x hammer nuts slot 8 M6, steel, zinc-plated	2x hammer nuts slot 8 M6, steel, zinc-plated	2x washers DIN 125 A Ø8.4, steel, zinc-plated
2x washers DIN 125 A Ø6.4, steel, zinc-plated	2x washers DIN 125 A Ø6.4, steel, zinc-plated	
2x washers DIN 125 A Ø8.4, steel, zinc-plated	2x washers DIN 125 A Ø8.4, steel, zinc-plated	

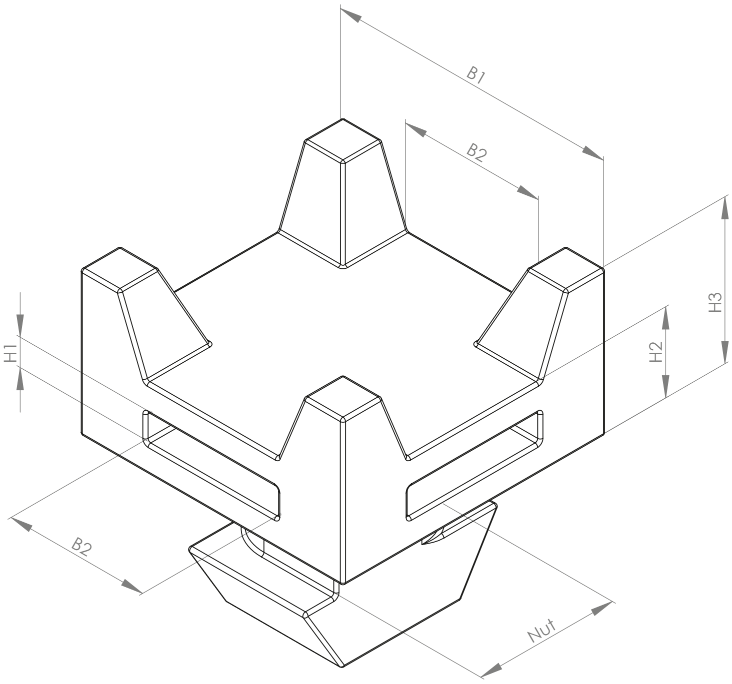


8 10

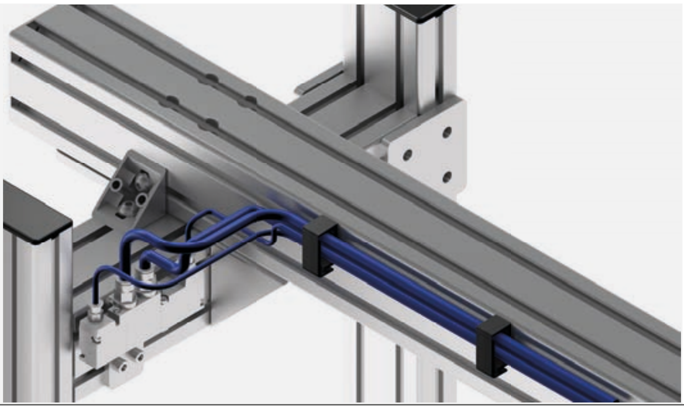
CROSS CABLE TIE BLOCKS

Material: PA plastic (black / grey), glass fibre reinforced (GRP)

- For quick and easy attachment of cables and hoses
- No profile processing required
- Cable ties required



Description	Slot (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	Weight (g)	Series	Art. no.:
Cross cable tie block 8	**8**	20	10	2	6	11	3.8	**(i)**	**412015**
Cross cable tie block slot 8	**8**	20	10	2	6	11	4.3	**(B)**	**412010**
Cross cable tie block slot 10	**10**	20	10	2	6	11	4.9	**(B)**	**412020**



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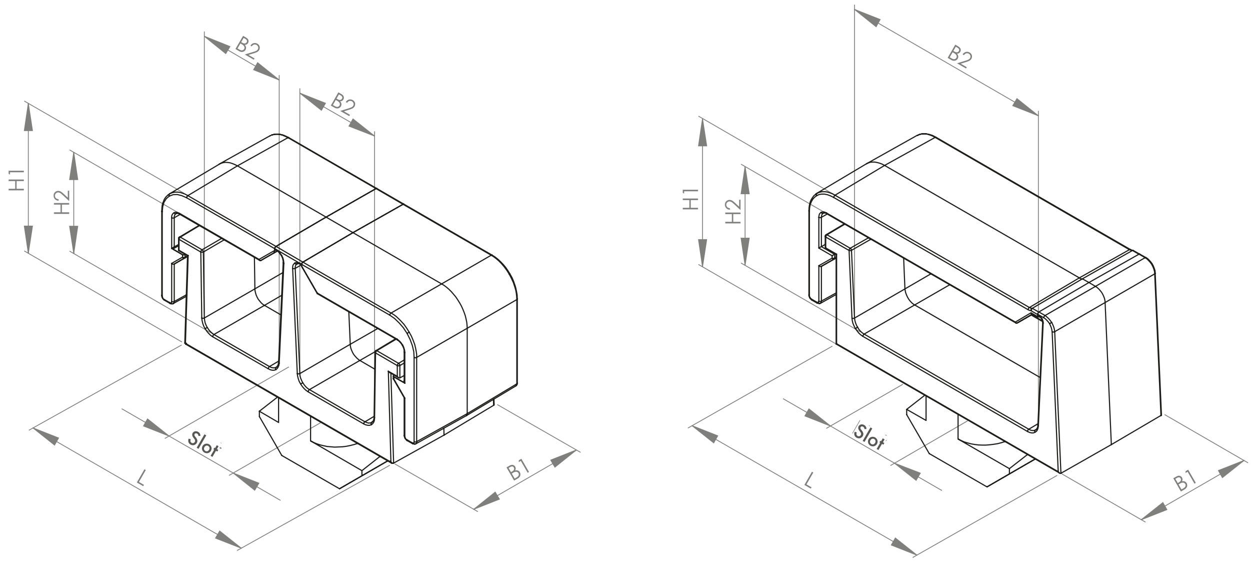
CABLE CARRIERS WITH AND WITHOUT SEPARATORS

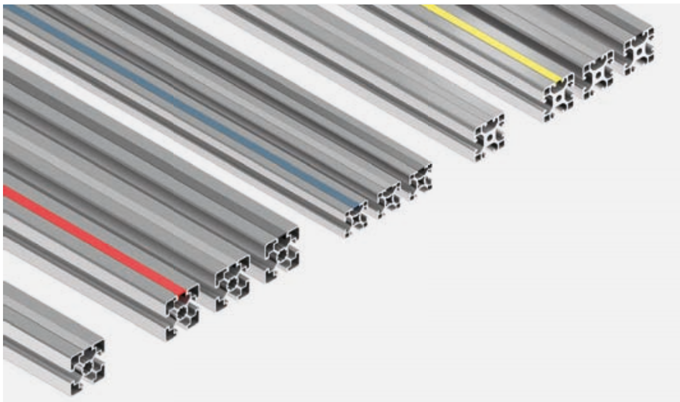
Material: PA plastic (black / grey), glass fibre reinforced (GRP)

- For quick and easy attachment of cables and hoses
- No profile processing required
- No cable ties required

- Items with separators contain rubber elements that provide additional support or alternatively act as a seal if the cables/ hoses require more room than is available inside the cable carrier (B2).



Description	Slot	L1 (mm)	L2 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	Weight (g)	Series	Art. no.:
Cable carrier PA 8 with separator	**8**	32,5	40	16	11.6	20	13.5	8.0	**(i)**	**412017**
Cable carrier PA 8 without separator	**8**	35,1	39,5	16	28.5	20	13.5	6.4	**(i)**	**412019**
Cable carrier PA slot 8 with separator	**8**	32,6	40	16	11.6	20	13.5	6.9	**(B)**	**412030**
Cable carrier PA slot 10 with separator	**10**	32,6	40	16	11.6	20	13.5	8.2	**(B)**	**412040**
Cable carrier PA slot 10 without separator	**10**	35,1	39,5	16	28.5	20	13.5	7.0	**(B)**	**412045**



COVER PROFILES

- Visually appealing coverage of the profile slot
- Keeps dirt out of the profile slot
- Can be used to fix cables in a slot
- Colour-coding of certain areas under housings or similar.

Slot	Description	Overall length (L)	Material	Colour	Weight	ESD	Series	Art. no.:
SLOT 8	Cover profile 8, black, L=2000 mm	2000	PP	Black	-	-	(i)	**413070**
	Cover profile 8, light grey, L=2000 mm	2000	PP	Light grey	-	-	(i)	**413075**
	Cover profile 8, yellow RAL 1018, L=2000 mm	2000	PP	Yellow RAL 1018	-	-	(i)	**413076**
	Cover profile 8, aluminium colour, embossed, L= 2000 mm	2000	PP	Aluminium colour, embossed	-	-	(i)	**413089**
SLOT 8	Cover profile slot 8, black, L=2000 mm	2000	Hard PVC	Black	-	-	(B)	**413010**
	Cover profile slot 8, light grey, L=2000 mm	2000	Hard PVC	Light grey	-	-	(B)	**413006**
	Cover profile slot 8, powder blue RAL 5014, L=2000 mm	2000	Hard PVC	Powder blue, RAL 5014	-	-	(B)	**413005**
	Cover profile slot 8, signal grey, L=2000 mm	2000	PP	Signal grey, similar to RAL 7004	-	-	(B)	**413007**
SLOT 10	Cover profile slot 10, black, L=2000 mm	2000	Hard PVC	Black	-	-	(B)	**413020**
	Cover profile slot 10, black, L=2000 mm	2000	PP	Black	-	-	(B)	**413026**
	Cover profile slot 10, black, L=2000 mm, ESD	2000	Hard PVC	Black	-		(B)	**413025**
	Cover profile slot 10, light grey, L=2000 mm	2000	Hard PVC	Light grey	-	-	(B)	**413021**
	Cover profile slot 10, signal grey, L=2000 mm	2000	Hard PVC	Signal grey	-	-	(B)	**413027**
	Cover profile slot 10, powder blue RAL 5014, L=2000 mm	2000	Hard PVC	Powder blue, RAL 5014	-	-	(B)	**413022**
	Cover profile slot 10, red RAL 3020, L=2000 mm	2000	Hard PVC	Red, RAL 3020	-	-	(B)	**413023**
	Cover profile slot 10, aluminium colour, embossed, L=2000 mm	2000	PP	Aluminium colour, embossed	-	-	(B)	**413028**
SLOT 10	Cover profile slot 10, aluminium, L=2000 mm	2000	Aluminium	anodised, natural	-	-	(B)	**413030**

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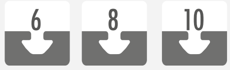
COVER PROFILE (KICK PLATE)

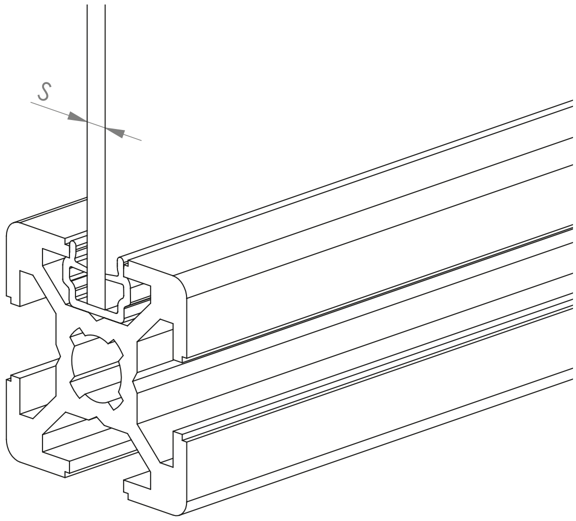
- Slot cover for profiles
- Can be used as a damping element
- Also suitable for creating footrests/kick plates

Slot	Description	Overall length (L)	Material	Colour	Weight	ESD	Series	Art. no.:
 **SLOT 6**	Cover profile 6, 24x3	20-m roll	NBR	Black	-	-	(i)	**413079**
 **SLOT 8**	Cover profile 8, 32x4	20-m roll	NBR	Black	-	-	(i)	**413080**
 **SLOT 10**	Cover profile 10, 39x5	20-m roll	EPDM	Black	-	-	(B)	**413081**

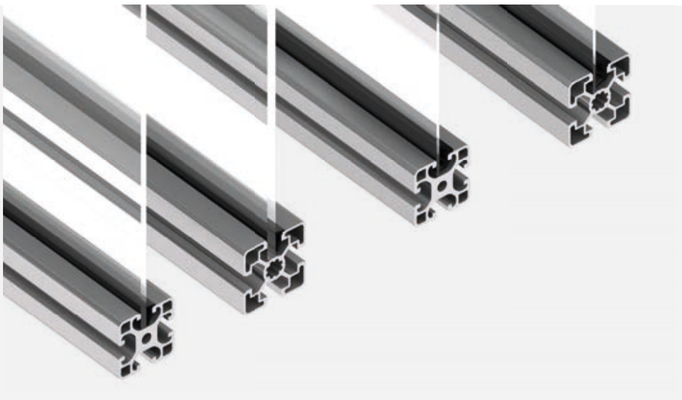


EDGING PROFILES

- Suitable for enclosing panel elements



Slot (mm)	Description	Panel thickness (S) (mm)	Version	Overall length (L) (mm/piece)	Material	Colour	Weight (g/piece)	Art. no.:
SLOT 6	Edging profile slot 6 black, S=1-4 mm, L=2000 mm	1 - 4	**(B)**	2000	PP+TPE	Black	26.0	**411029**
SLOT 8	Edging profile slot 8 black, S=2-6 mm, L=2000 mm	2 - 6	**(B)**	2000	PP + TPE	Black	50.0	**411030**
SLOT 10	Edging profile slot 10 black, S=4-6 mm, L=2000 mm	4 - 6	**(B)**	2000	PP + TPE	Black	34.0	**411040**



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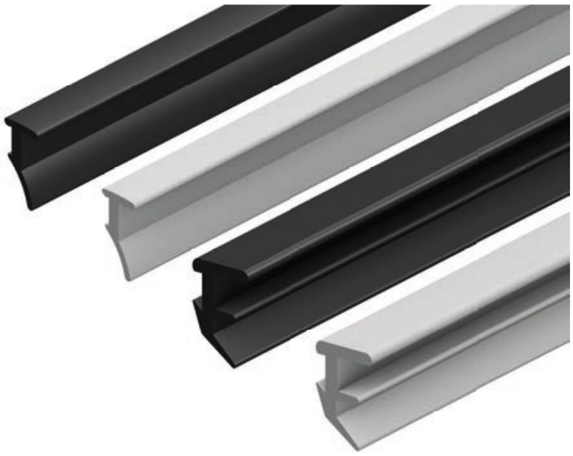
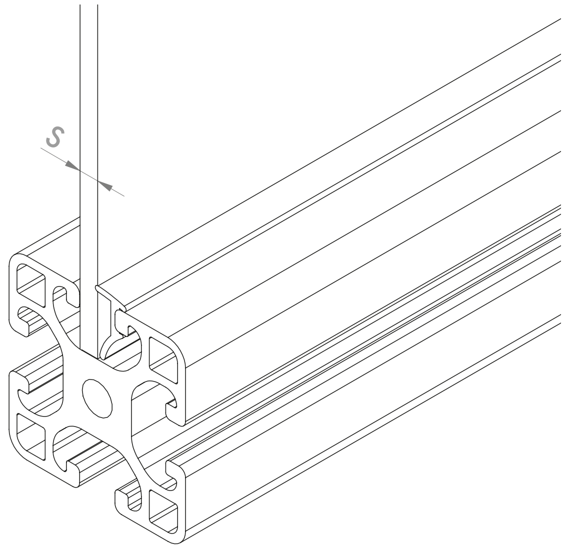
SEALING PROFILES

- Suitable for enclosing panel elements
- Visually appealing design (closed all round)
- Suitable for cleanroom constructions





Slot (mm)	Description	Panel thickness (S) (mm)	Overall length (L)	Material	Colour	Weight (g)	Art. no.:
	Sealing profile, black S=4-6 mm slot 8, S=6-8 mm slot 10	4 - 6 **(i)** 6 - 8 **(B)**	100-m roll	PP+TPE	Black	-	**413050**
8 (i) | 10 (B)	Sealing profile, window grey, S=4-6 mm slot 8, S=6-8 mm slot 10	4 - 6 **(i)** 6 - 8 **(B)**	100-m roll	PP+TPE	Window grey	-	**413051**
	Sealing profile, black S=2-4 mm slot 8, S=4-6 mm slot 10	2 - 4 **(i)** 4 - 6 **(B)**	100-m roll	PP+TPE	Black	-	**413060**
8 (i) | 10 (B)	Sealing profile, window grey S=2-4 mm slot 8, 4-6 mm slot 10	2 - 4 **(i)** 4 - 6 **(B)**	100-m roll	PP+TPE	Window grey	-	**413061**

8 10

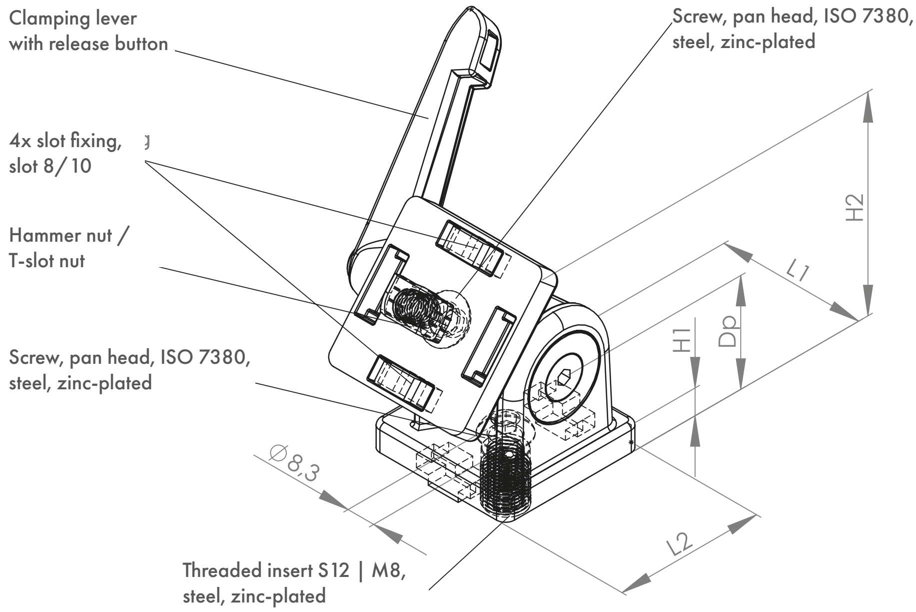
JOINTS WITH AND WITHOUT CLAMPING LEVERS

Joint: die-cast zinc, aluminium colour, powder-coated

Clamping lever: PA plastic, black

For swivelling connection of two elements.

Can be used to fix two elements at the desired angle. Joints with clamping levers can be used as mitre connectors. The joints are suitable for end-to-end and end-to-side connections



Description	L1 (mm)	L2 (mm)	Slot (mm)	H1 (mm)	H2 (mm)	Dp (mm)	Version	Clamp-able	Weight (kg)	ESD	Art. no.:
Joint 30x30 slot 8 with fastening kit	30	30	**8**	7	45	22.5	Fastening kit*	N*	0.15		**414005**
Joint 30x30 slot 8 with clamping lever and fastening kit	30	30	**8**	7	45	22.5	Fastening kit*	Y*	0.179		**414007**
Joint 40x40 slot 10 with fastening kit	40	40	**10**	9	60	30	Fastening kit**	N*	0.334		**414009**
Joint 40x40 slot 10 with clamping lever and fastening kit	40	40	**10**	9	60	30	Fastening kit**	Y*	0.366		**414019**
Joint 45x45 slot 10 with fastening kit	45	45	**10**	8	60	30	Fastening kit**	N*	0.334		**414010**
Joint 45x45 slot 10 with clamping lever and fastening kit	45	45	**10**	8	60	30	Fastening kit**	Y*	0.366		**414020**
Joint 45x90 slot 10 with fastening kit	45	90	**10**	9	100	50	Fastening kit***	Y*	1.84		**414030**
Joint 45x90 slot 10 with clamping lever and fastening kit	45	90	**10**	9	100	50	Fastening kit***	Y*	1.9		**414040**

Y* = YES
N* = NO

Fastening kit:*	**Fastening kit:****	**Fastening kit:*****
1x screw, cylinder head, DIN 7984, M8x16, 8.8, zinc-plated	1x threaded insert S12/M8	2x threaded insert S12/M8
1x screw, cylinder head, DIN 7984, M8x20, 8.8, zinc-plated	1x hammer nut slot 10 M8	2x hammer nuts slot 10 M8
1x swivelling T-slot nut slot 8 M8 with spring sheet	1x screw, pan head, ISO 7380, M8x16, 10.9 zinc-plated	2x screws, pan head, ISO 7380, M8x16, 10.9 zinc-plated
	1x screw, pan head, ISO 7380, M8x20, 10.9 zinc-plated	2x screws, pan head, ISO 7380, M8x20, 10.9 zinc-plated
	4x slot centring pieces, slot 8/10	4x slot centring pieces, slot 8/10

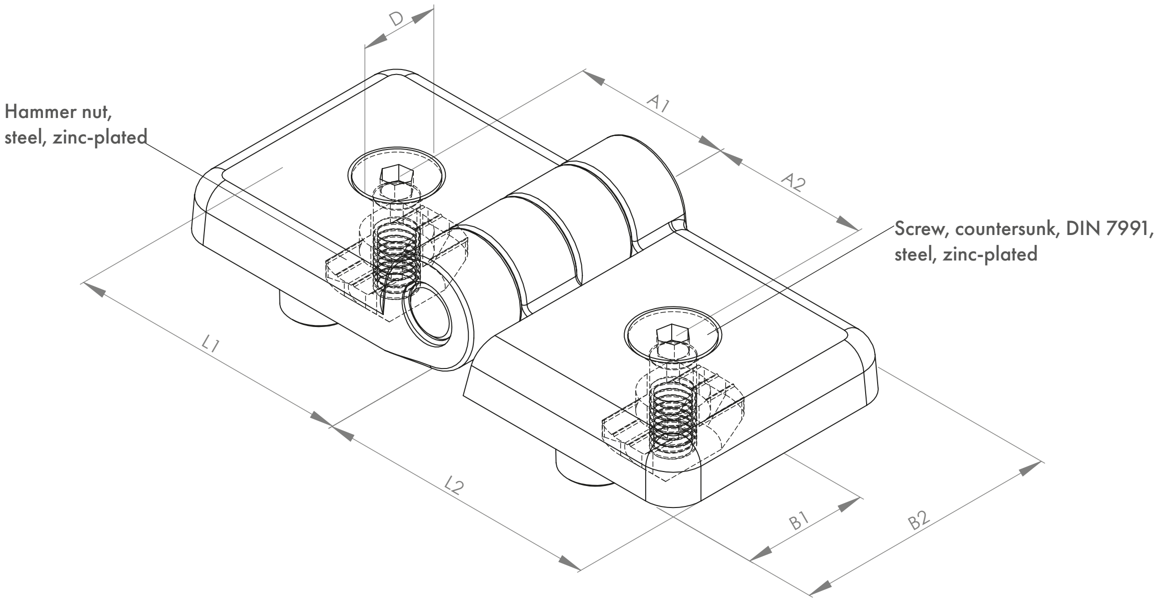
6 8 10

PLASTIC HINGE WITH FASTENING KIT

Hinge material: PA plastic (black), glass fibre reinforced (GRP)

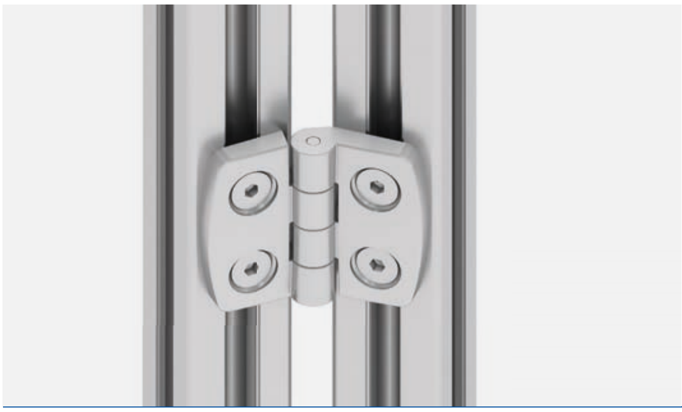
Axis material: stainless steel

For swivelling connection of two elements.



Description	A1 (mm)	A2 (mm)	L1 (mm)	L2 (mm)	D (mm)	Slot (mm)	t (mm)	B1 (mm)	B2 (mm)	Version	Weight (g)	Art. no.:
Plastic hinge 20x20 (mini)	10.2	10.2	16	16	Ø5.2	**6**	4	10	20	-	5.0	**99900731**
Plastic hinge 30x30 (2 holes)	17.5	17.5	30	30	Ø6.6	**8**	8.5	20	40	Fastening kit*	80.0	**402060**
Plastic hinge 40x40 (2 holes)	22.5	22.5	39	39	Ø6.6	**10**	8.5	20	40	Fastening kit**	90.0	**402065**
Plastic hinge 30x45 (2 holes)	17.5	25	30	45	Ø6.6	**8/10**	8.5	20	40	Fastening kit***	109.0	**402070**
Plastic hinge 45x45 (2 holes)	25	25	45	45	Ø6.6	**10**	8.5	20	40	Fastening kit****	111.0	**402075**
Plastic hinge 45x60 (2 holes)	32.5	25	60	45	Ø6.6	**10**	8.5	20	40	Fastening kit****	115.0	**402080**

Fastening kit:*	Fastening kit:**	Fastening kit:***	Fastening kit:****
2x hammer nuts slot 8 M6, steel, zinc-plated	2x hammer nuts slot 10 M6, steel, zinc-plated	1x hammer nut slot 10 M6, steel, zinc-plated	2x hammer nuts slot 10 M6, steel, zinc-plated
2x countersunk screws DIN 7991-M6x20, steel, zinc-plated	2x countersunk screws DIN 7991-M6x20, steel, zinc-plated	1x hammer nut slot 8 M6, steel, zinc-plated	2x countersunk screws DIN 7991-M6x20, steel, zinc-plated
		1x countersunk screw DIN 7991-M6x16, steel, zinc-plated	
		1x countersunk screw DIN 7991-M6x20, steel, zinc-plated	



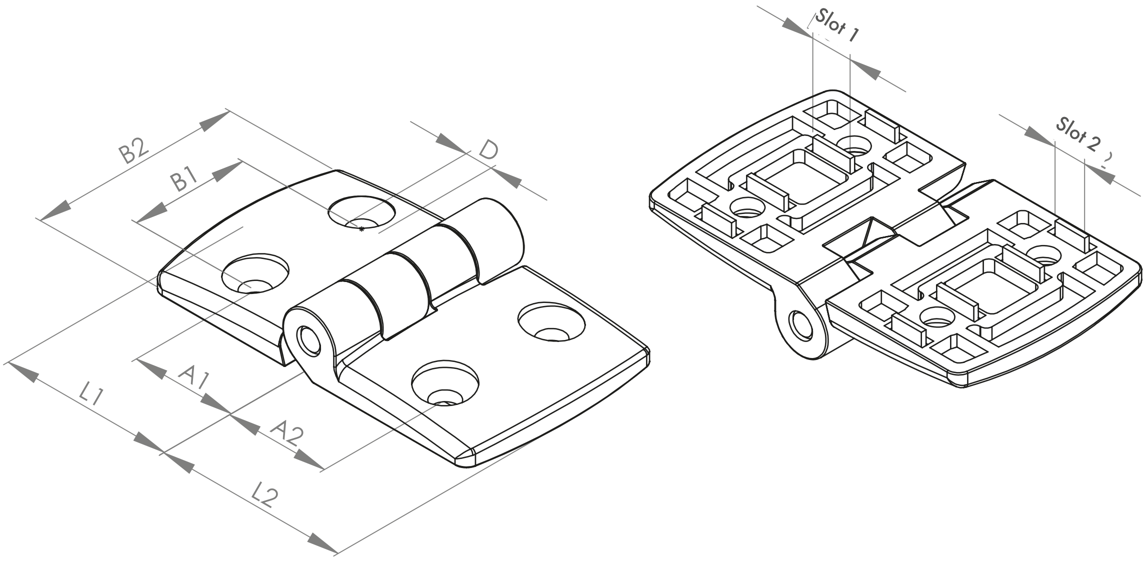
ALUMINIUM HINGE

Material:

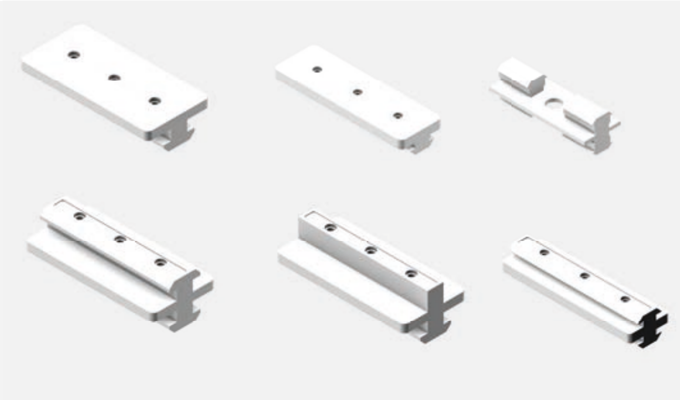
Hinge: aluminium

Axis: stainless steel

For swivelling connection of two elements.



Description	L1 (mm)	L2 (mm)	Slot 1	Slot 2	A1 (mm)	A2 (mm)	B1 (mm)	B2 (mm)	D (mm)	Weight (g)	Art.-Nr.:
Al hinge 20x20 5/6	19,5	19,5	**6**	**5**	11,25	11,25	17	39	Ø4,5	**15,6**	**99900265**
Al hinge 30x30 6/8	29,5	29,5	**8**	**6**	17,5	17,5	28	50	Ø6,5	**60**	**99900266**
Al hinge 40x40 8/10	35,5	35,5	**10**	**8**	22,5	22,5	28	50	Ø6,5	**66,7**	**99900267**
Al hinge 45x45 8/10	43,5	43,5	**10**	**8**	25	25	28	50	Ø6,5	**75**	**99900268**
Al hinge 30x45 8/10	29,5	43,5	**10**	**8**	25	17,5	28	50	Ø6,5	**65**	**99900269**

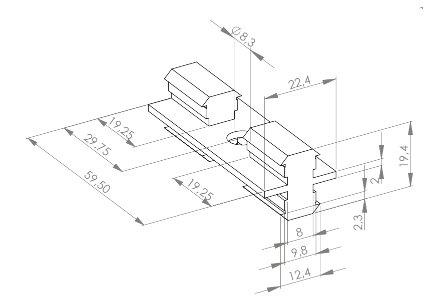


8 10

GLIDERS

Material: POM (white)

Gliders for constructing low-friction sliding guides, e.g.: sliding doors, lifting doors, slides, drawer runners and much more.



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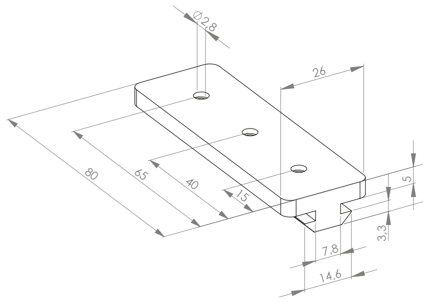

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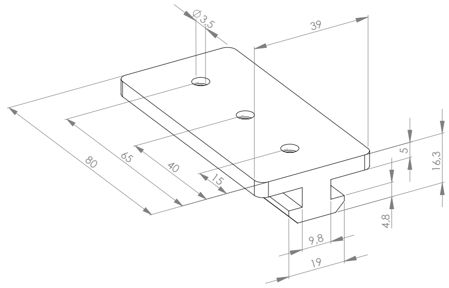
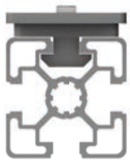
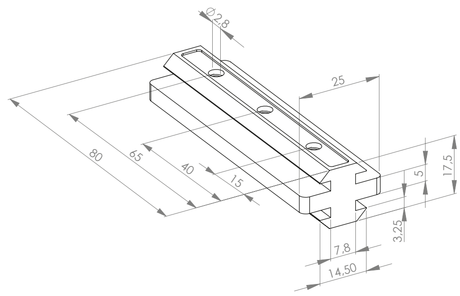
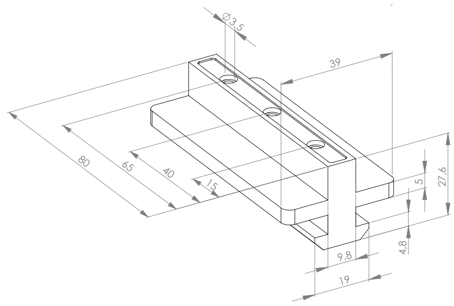




614052



614058



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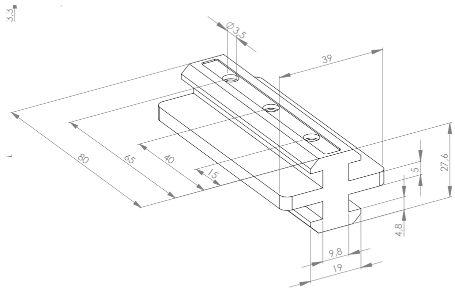


614060

Description	Slot	Weight (g)	Art. no.:
Multi-glider	**8 / 10**	9.1	**614040**
Glider, flat centre	**8**	19.6	**614050**
Glider, flat centre	**10**	35.4	**614052**
Glider, single centre	**10**	44.3	**614056**
Glider, centre	**8 / 8**	26.3	**614058**
Glider, centre	**10 / 10**	50.9	**614060**

Accessories	Weight (g)	Art. no.:
Plastic self-tapping screw, W1451, 3.5x14, 10.9	1.0	**370330**
Plastic self-tapping screw, W1452, 4x18, 10.9	2.0	**370335**

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

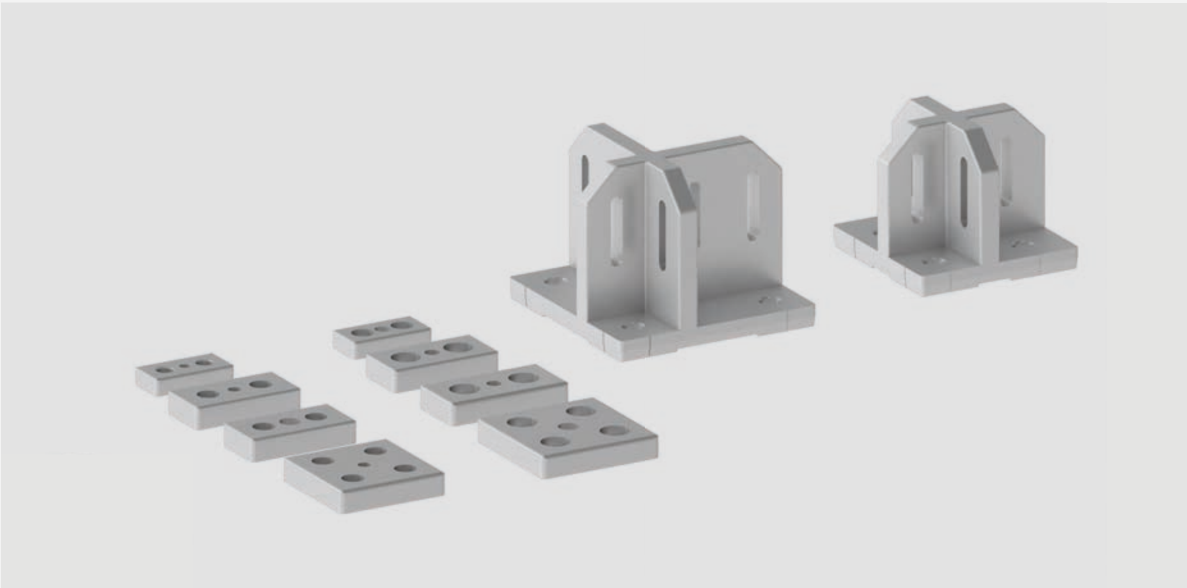
......................Components for series 40 i and 45 B

......................Slot specifications

......................ESD symbol for products that are electrostatically dissipative

......................Pages showing product overviews

FOOT ELEMENTS, SERIES 40 i AND 45 B ....From page 355

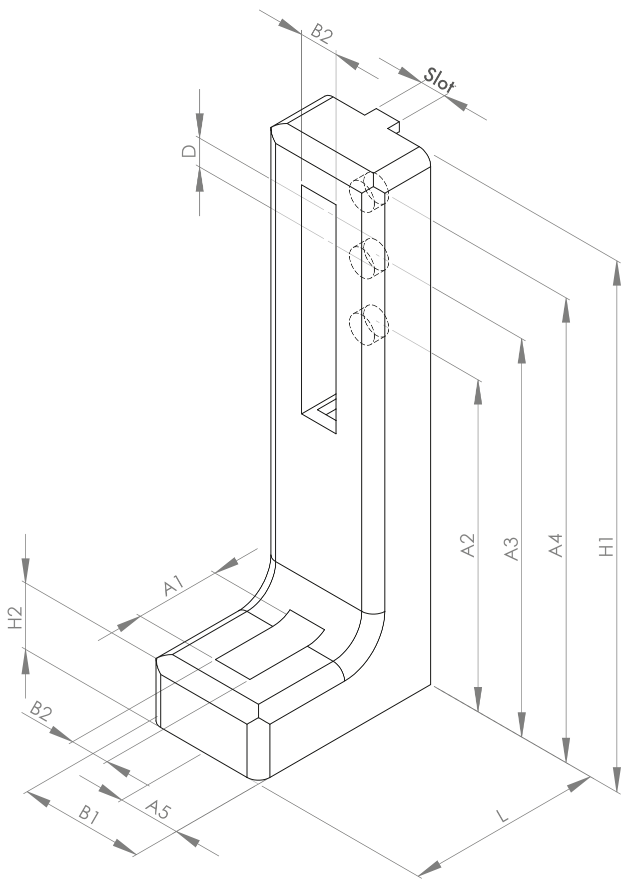


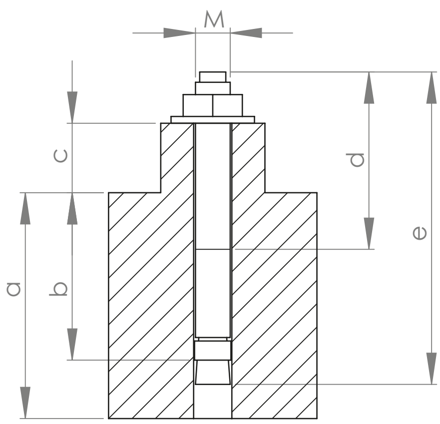
FOUNDATION ANGLES WITHOUT AND WITH ADJUSTMENT (ANGLE-ADJUSTABLE FOOT)

Die-cast zinc foundation angle: zinc, black powder-coated

(w/o) = without adjustment

(w) = with adjustment





Floor dowel

FOUNDATION ANGLE WITHOUT (W/O) AND WITH (W) ADJUSTMENT (ANGLE-ADJUSTABLE FOOT), ZINC, BLACK, POWDER-COATED

Description	L (mm)	B1 (mm)	B2 (mm)	A1 (mm)	A2 (mm)	A3 (mm)	A4 (mm)	A5 (mm)	H1 (mm)	H2 (mm)	Material	Weight (g)	Series	Art. no.:
Foundation angle 38x160, (w/o)	60	38	12	23	100	120	140	19	160	20	Zinc, black	209.0	(i)	**504040**
Foundation angle 38x160, (w)	60	38	12	23	100	120	140	19	160	20	Zinc, black	271.0	(i)	**504045**

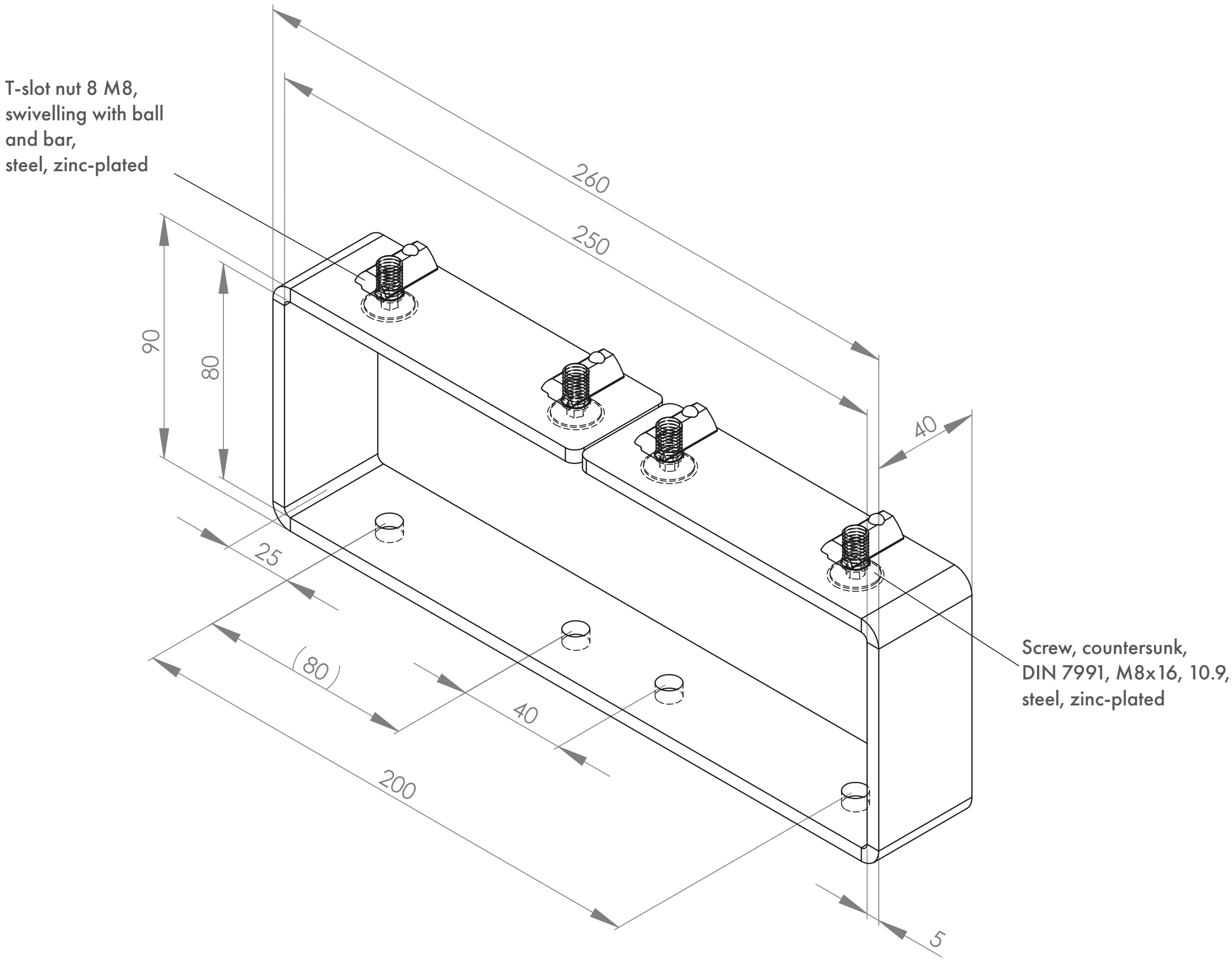
Accessories	M (mm)	Hole depth a (mm)	Effective anchoring depth b (mm)	Fastening height c (mm)	Thread length d (mm)	Total height e (mm)	Weight (g)	Series	Art. no.
Floor dowel Ø8 M8	M8	55 - 65	35 - 44	15 - 24	45	80	-	(i) | (B)	**504090**
Floor dowel Ø10 M10	M10	65 - 70	42 - 48	15 - 21	45	90	-	(i) | (B)	**504095**

5

FORKLIFT POCKET 8

Material: steel, zinc-plated

- For inserting fork arms
- Easy-to-mount forklift pockets
- No profile processing required



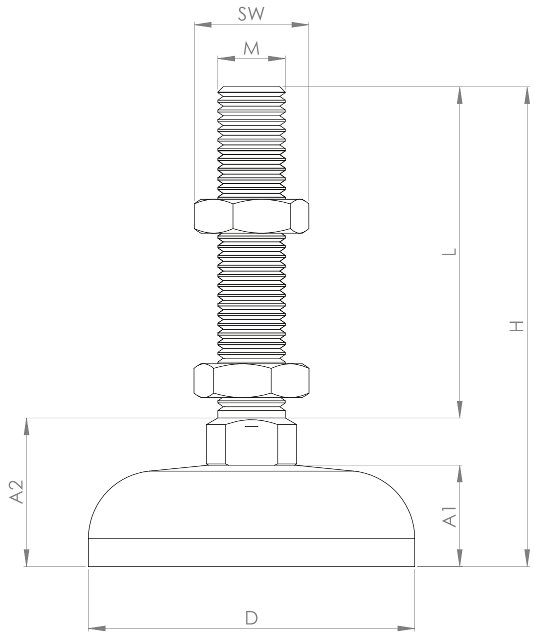
Description	Slot	Dimensions	Version	Weight (kg)	Series	Art. no.:
Forklift pocket 8 290x90x40	8	260x90x40	-	1.009	(i)	**504081**
Forklift pocket 8 260x90x40 with fastening kit	8	260x90x40	Fastening kit*	1.074	(i)	**504080**

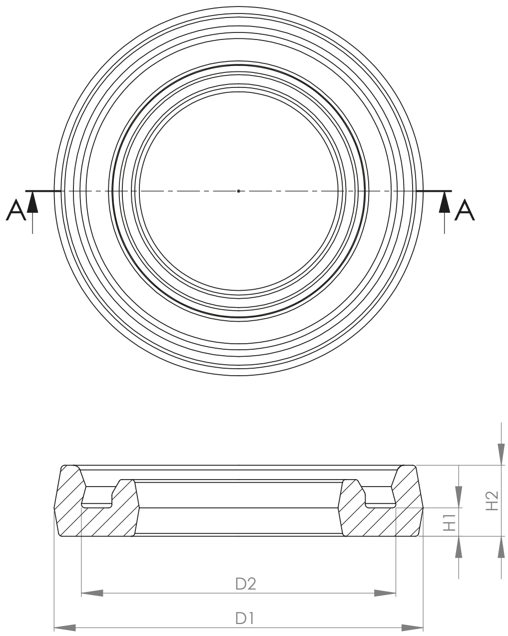
Fastening kit:*
4x screws, countersunk, DIN 7991, M8x16, 10.9, steel, zinc-plated
4x swivelling T-slot nuts 8 M8 with ball and bar, steel, zinc-plated

ARTICULATED FEET AND DAMPING RINGS

Material: steel, zinc-plated

- With nut, low type (for fixing the articulated foot in position)
- Available in many different versions
- Can be used either in a profile core pull, in base plates or threaded sleeves.





Threaded rods	M (mm)	D (mm)	H (mm)	L (mm)	A1 (mm)	A2 (mm)	SW (mm)	Material	Load capacity (kg)	Weight (g)	ESD	Art. no.:
Articulated foot Ø44 M12x85	12	44	85	59	18	26.3	18	Steel, zinc-plated	1000	148.6		**501011**
Articulated foot Ø58 M12x85	12	58	85	59	18	26.4	18	Steel, zinc-plated	1000	184.9		**501012**
Articulated foot Ø44 M16x145	16	44	145	127	18	26.4	24	Steel, zinc-plated	2000	262.6		**501013**
Articulated foot Ø90 M16x85	16	90	85	64	21	27.0	24	Steel, zinc-plated	2000	403.0		**501014**
Articulated foot Ø90 M16x145	16	90	145	124	21	27.0	24	Steel, zinc-plated	2000	480.0		**501015**
Articulated foot Ø90 M16x200	16	90	200	180	21	27.0	24	Steel, zinc-plated	2000	550.0		**501016**

Damping rings for articulated feet	D1	D2	H1	H2	Material	Load capacity (kg)	Weight (g)	Art. no.:
Damping ring Ø44	52	44	4	10	PUR natural	200	11.7	**501017**
Damping ring Ø58	66	58	4	10	PUR natural	250	19.9	**501018**
Damping ring Ø90	98	90	4	10	PUR natural	300	28.6	**501019**

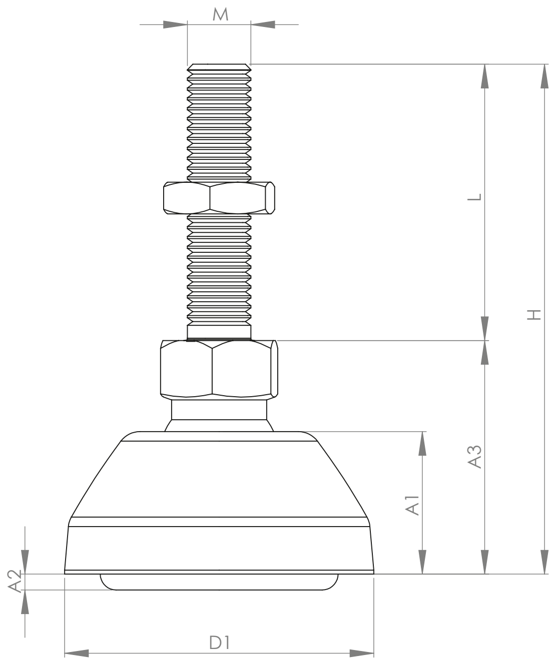
ASK COMBINATION FOOT
ASK COMBINATION FOOT (SCREWABLE)

1x threaded rod with ball, steel, zinc-plated

1x PA plate for articulated adjustable foot with rubber plate (with screw fastening / without screw fastening), glass fibre reinforced

1x nut, low type, zinc-plated

The item is delivered in its constituent parts. The three items mentioned above must be assembled by the purchaser.



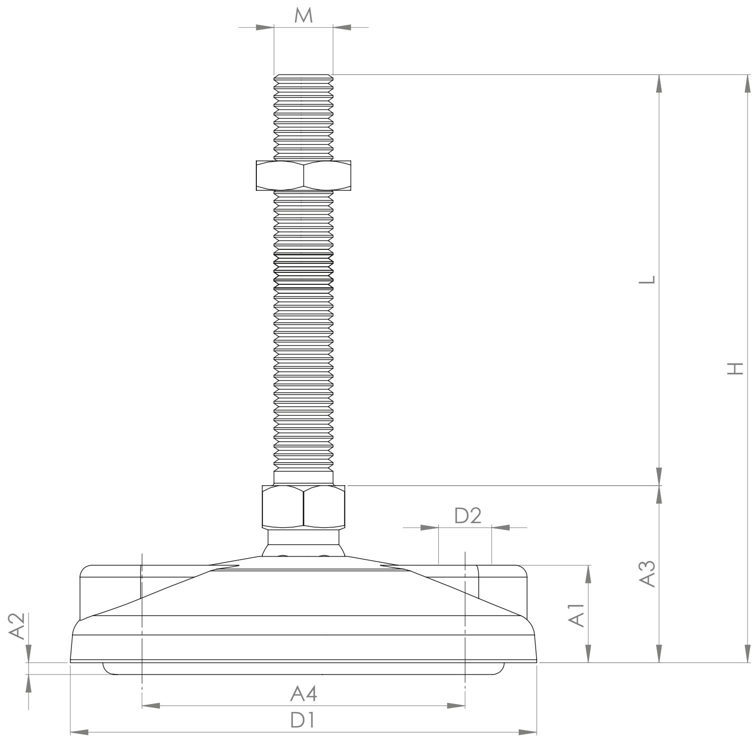
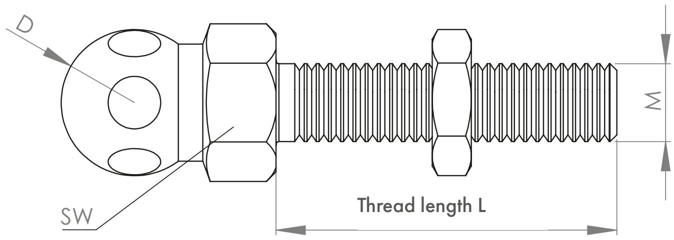


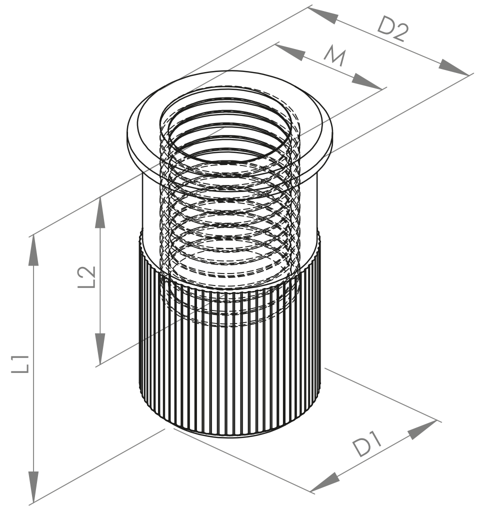
Plate Ø	D1 (mm)	D2 (mm)	M	H (mm)	L (mm)	A1 (mm)	A2 (mm)	A3 (mm)	A4 (mm)	Version	Load capacity (kg)	Weight (g)	Art. no.:
40	39	-	M8	-	35	18	2	29.5	-	-	350	49.0	**501500**
40	39	-	M10	-	70	18	2	29.5	-	-	470	68.0	**501610**
40	39	-	M12	-	55	18	2	29.5	-	-	770	68.0	**501510**
60	59	-	M10	99	70	18	2	29.5	-	-	470	77.0	**501620**
80	79	9	M10	100	70	16.5	2	30	55	Screwable	470	99.0	**501630**
80	79	9	M12	131	100	16.5	2	31	55	Screwable	770	138.0	**501540**
80	79	9	M16	147	115	16.5	2	31	55	Screwable	900	234.0	**501550**

THREADED RODS

Material: steel, zinc-plated

- With Nut, low type (for fastening the threaded rod in position)
- Suitable for combination feet
- Available in many different versions
- Can be used in profile core pulls and in various base plates.





Suitable plates for configuring feet can be found on p. 361

Threaded rods	M (mm)	D (mm)	WAF (mm)	L (mm)	Material	Load capacity (kg)	Weight (g)	ESD	Art. no.:
Threaded rod with ball M8x35	8	15	14	35	Steel, zinc-plated	350	34.5		**501365**
Threaded rod with ball M8x80	8	15	14	80	Steel, zinc-plated	350	48.7		**501370**
Threaded rod with ball M10x70	10	15	14	70	Steel, zinc-plated	470	56.8		**501380**
Threaded rod with ball M10x90	10	15	14	90	Steel, zinc-plated	470	66.9		**501390**
Threaded rod with ball M12x55	12	15	14	55	Steel, zinc-plated	770	61.8		**501400**
Threaded rod with ball M12x100	12	15	14	100	Steel, zinc-plated	770	94.1		**501410**
Threaded rod with ball M12x125	12	15	14	125	Steel, zinc-plated	770	110.4		**501420**
Threaded rod with ball M12x150	12	15	14	150	Steel, zinc-plated	770	129.1		**501430**
Threaded rod with ball M16x100	16	15	14	100	Steel, zinc-plated	1450	156.1		**501440**
Threaded rod with ball M16x115	16	15	14	115	Steel, zinc-plated	1450	179.5		**501450**
Threaded rod with ball M16x125	16	15	14	125	Steel, zinc-plated	1450	224.6		**501455**
Threaded rod with ball M16x150	16	15	14	150	Steel, zinc-plated	1450	189.1		**501460**

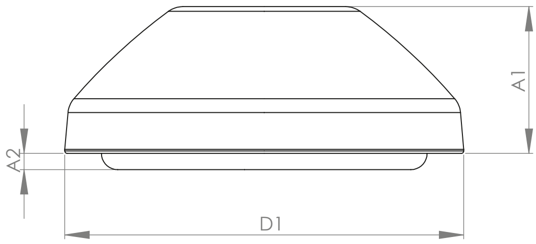
Threaded sleeves	M (mm)	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	Material	Weight (g)	Art. no.:
Threaded sleeve M12	12	17	20	32	20	Steel, zinc-plated	29.0	**502185**

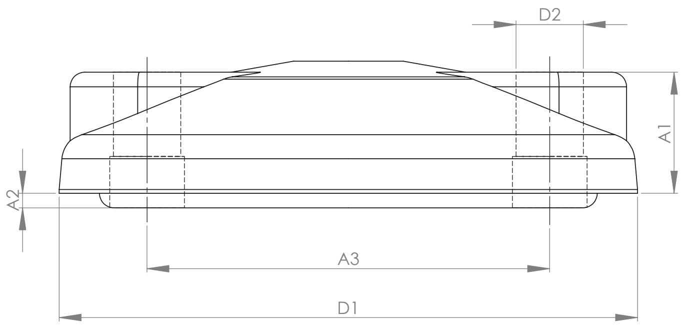
PLATE FOR FEET

PA plastic plate, black; glass fibre reinforced (GRP)

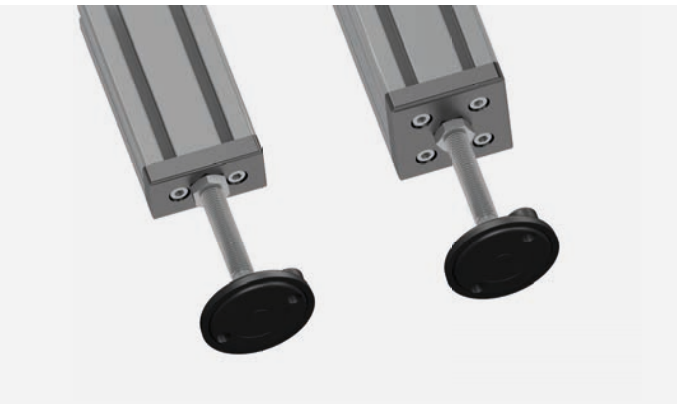
Zinc plate, black powder-coated

- Plates for feet
- With non-slip rubber inserts
- Some with screw holes for attachment to floor

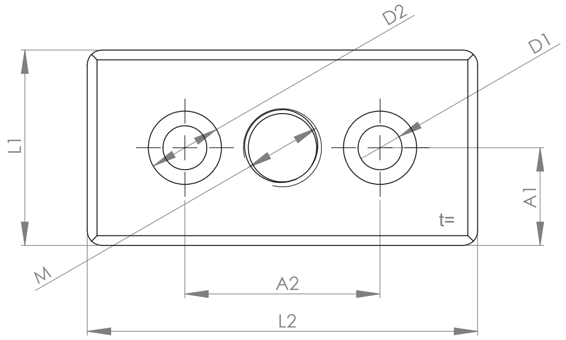


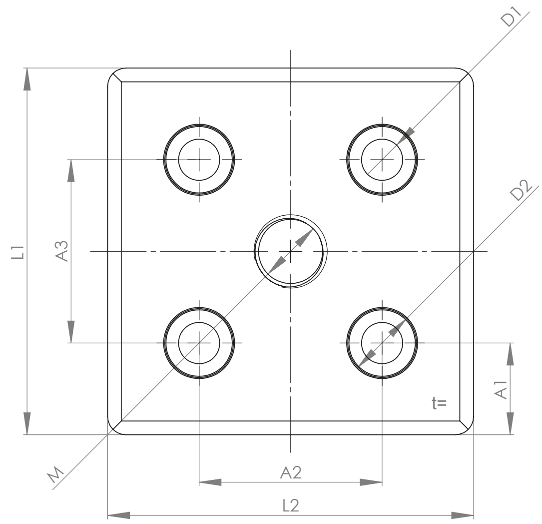


PA plate	D1 (mm)	D2 (mm)	A1 (mm)	A2 (mm)	A3 (mm)	Material	Load capacity (kg)	Weight (g)	ESD	Art. no.:
PA plate, Ø30, for articulated adjustable foot with rubber plate	29	-	18	2	-	PA, black	500	9.1	-	**501300**
PA plate, Ø40, for articulated adjustable foot with rubber plate	39	-	18	2	-	PA, black	900	16.6	-	**501310**
PA plate, Ø40, for conductive, articulated adjustable foot with rubber plate	39	-	18	2	-	PA, black	900	16.6		**501313**
PA plate, Ø50, for articulated adjustable foot with rubber plate	49	-	18	2	-	PA, black	900	25.7	-	**501320**
PA plate, Ø50, for conductive, articulated adjustable foot with rubber plate	49	-	18	2	-	PA, black	900	25.7		**501325**
PA plate, Ø60, for articulated adjustable foot with rubber plate	59	-	18	2	-	PA, black	900	35.0	-	**501330**
PA plate, Ø60, for conductive, articulated adjustable foot with rubber plate	59	-	18	2	-	PA, black	900	35.0		**501335**
PA plate, Ø80, for conductive, articulated adjustable foot with rubber plate	59	-	18	2	-	PA, black	900	63.7		**501345**
PA plate with screw holes										
Plate, PA Ø80 with screw holes and rubber plate	79	9	16.5	2	55	PA, black	900	69.7	-	**501350**
Zinc plate										
Zinc plate, Ø60, trapezoidal shape with rubber plate	59	-	18	2	-	Zinc, black	2500	104.3	-	**501283**
Zinc plate, Ø80, trapezoidal shape with rubber plate	79	-	20	2	-	Zinc, black	3000	256.3	-	**501285**
Zinc plate, Ø100, for articulated adjustable foot with rubber plate	99	-	18	2.5	-	Zinc, black	3500	430.0	-	**501290**
Zinc plate with screw holes										
Zinc plate, Ø60, with screw hole and rubber plate	79	9	18	2.5	40	Zinc, black	3000	175.2	-	**501284**
Zinc plate, Ø80, trapezoidal shape, screw hole and rubber plate	79	9	18.8	2	55	Zinc, black	3000	233.2	-	**501286**



BASE PLATES (WITH THREAD FOR FEET)





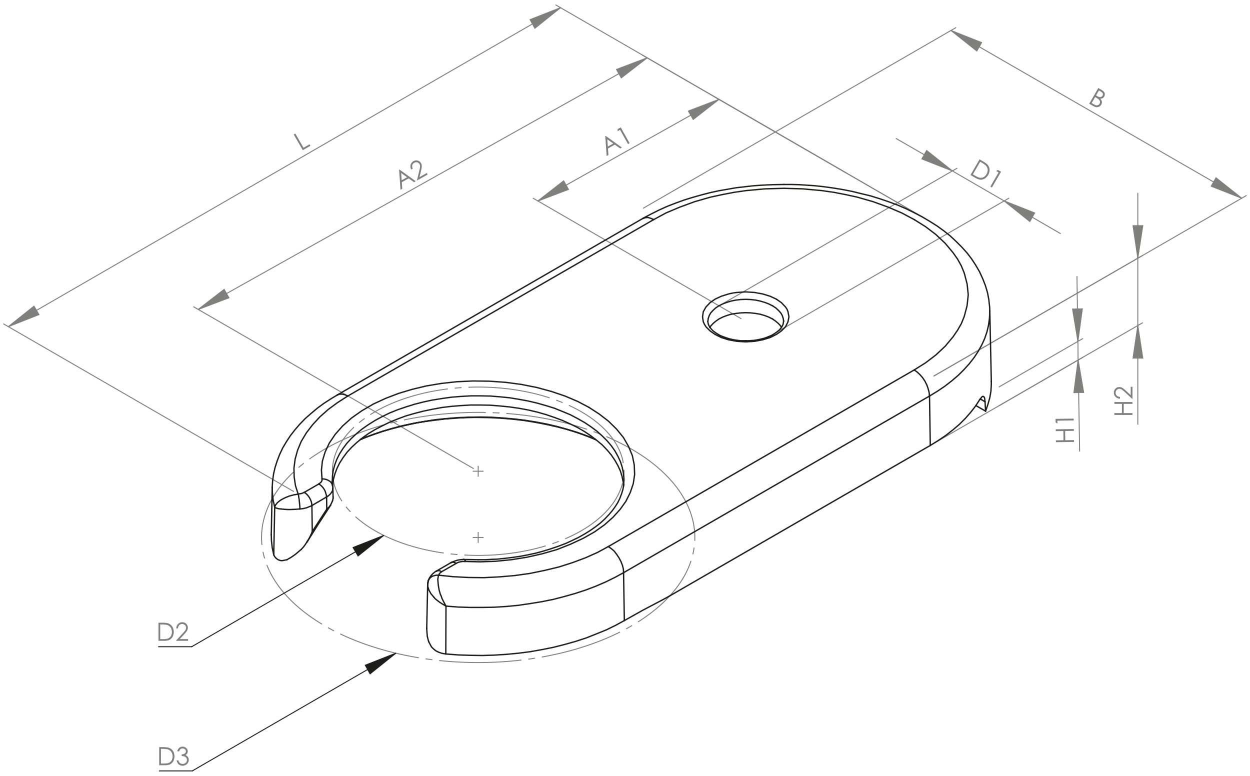
	Description (z.-p. = zinc-plated)	L1 (mm)	L2 (mm)	M (mm)	A1 (mm)	A2 (mm)	A3 (mm)	D1 (mm)	D2 (mm)	t (mm)	Material	Series	Art. no.:
	Transport and base plate 6 zinc 30x60 M8	30	60	M8	15	30	-	7	11	12	Zinc, black	(i)	**503223**
N6	Transport and base plate 6 zinc 30x60 M10	30	60	M10	15	30	-	9	11	12	Zinc, black	(i)	**503225**
	Transport and base plate zinc 30x60, slot 8 M12, z.-p.	30	60	M12	15	30	-	9	15	12	Zinc	(B)	**503025**
N8	Transport and base plate 8 zinc 40x80 M10	40	80	M10	20	40	-	9	15	16	Zinc, black	(i)	**503227**
	Transport and base plate 8 zinc 40x80 M12	40	80	M12	20	40	-	9	15	16	Zinc, black	(i)	**503229**
	Transport and base plate 8 zinc 40x80 M16	40	80	M16	20	40	-	9	15	16	Zinc, black	(i)	**503231**
N10	Transport and base plate zinc 40x80, slot 10 M12, z.-p.	40	80	M12	20	40	-	14.5	20.5	16	Zinc	(B)	**503027**
	Transport and base plate zinc 40x80, slot 10 M16, z.-p.	40	80	M16	20	40	-	14.5	20.5	16	Zinc	(B)	**503028**
	Transport and base plate zinc 45x90, slot 10 M12, z.-p.	45	90	M12	22.5	45	-	14.5	20.5	16	Zinc	(B)	**503030**
	Transport and base plate zinc 45x90, slot 10 M16, z.-p.	45	90	M16	22.5	45	-	14.5	20.5	16	Zinc	(B)	**503033**

	Description (z.-p. = zinc-plated)	L1 (mm)	L2 (mm)	M (mm)	A1 (mm)	A2 (mm)	A3 (mm)	D1 (mm)	D2 (mm)	t (mm)	Material	Series	Art. no.:
N6	Transport and base plate 6 zinc 60x60 M10	60	60	M10	15	30	30	7	11	12	Zinc, black	(i)	**503226**
N8	Transport and base plate 8 zinc 80x80 M10	80	80	M10	20	40	40	9	15	16	Zinc, black	(i)	**503238**
	Transport and base plate 8 zinc 80x80 M12	80	80	M12	20	40	40	9	15	16	Zinc, black	(i)	**503241**
	Transport and base plate 8 zinc 80x80 M16	80	80	M16	20	40	40	9	15	16	Zinc, black	(i)	**503251**
N10	Transport and base plate zinc 80x80, slot 10 M12, z.-p.	80	80	M12	20	40	40	14.5	20	16	Zinc	(B)	**503060**
	Transport and base plate zinc 80x80, slot 10 M16, z.-p.	80	80	M16	20	40	40	14.5	20	16	Zinc	(B)	**503065**
	Transport and base plate zinc 90x90, slot 10 M12, z.-p.	90	90	M12	22.5	45	45	14.5	20	16	Zinc	(B)	**503035**
	Transport and base plate zinc 90x90, slot 10 M16, z.-p.	90	90	M16	22.5	45	45	14.5	20	16	Zinc	(B)	**503040**

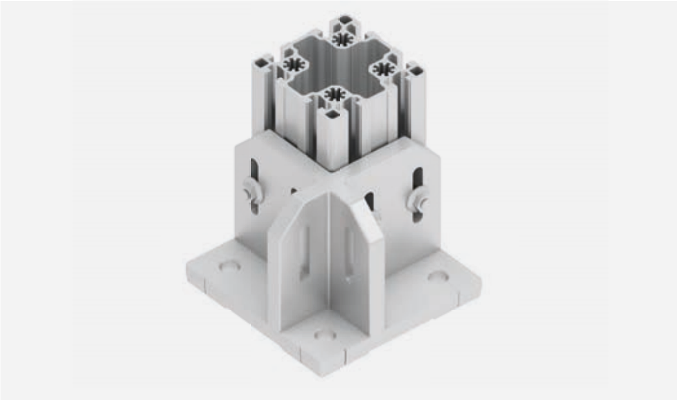
CLAMPING TABS

Material: die-cast zinc, black powder-coated

- For fastening feet on floors / foundations



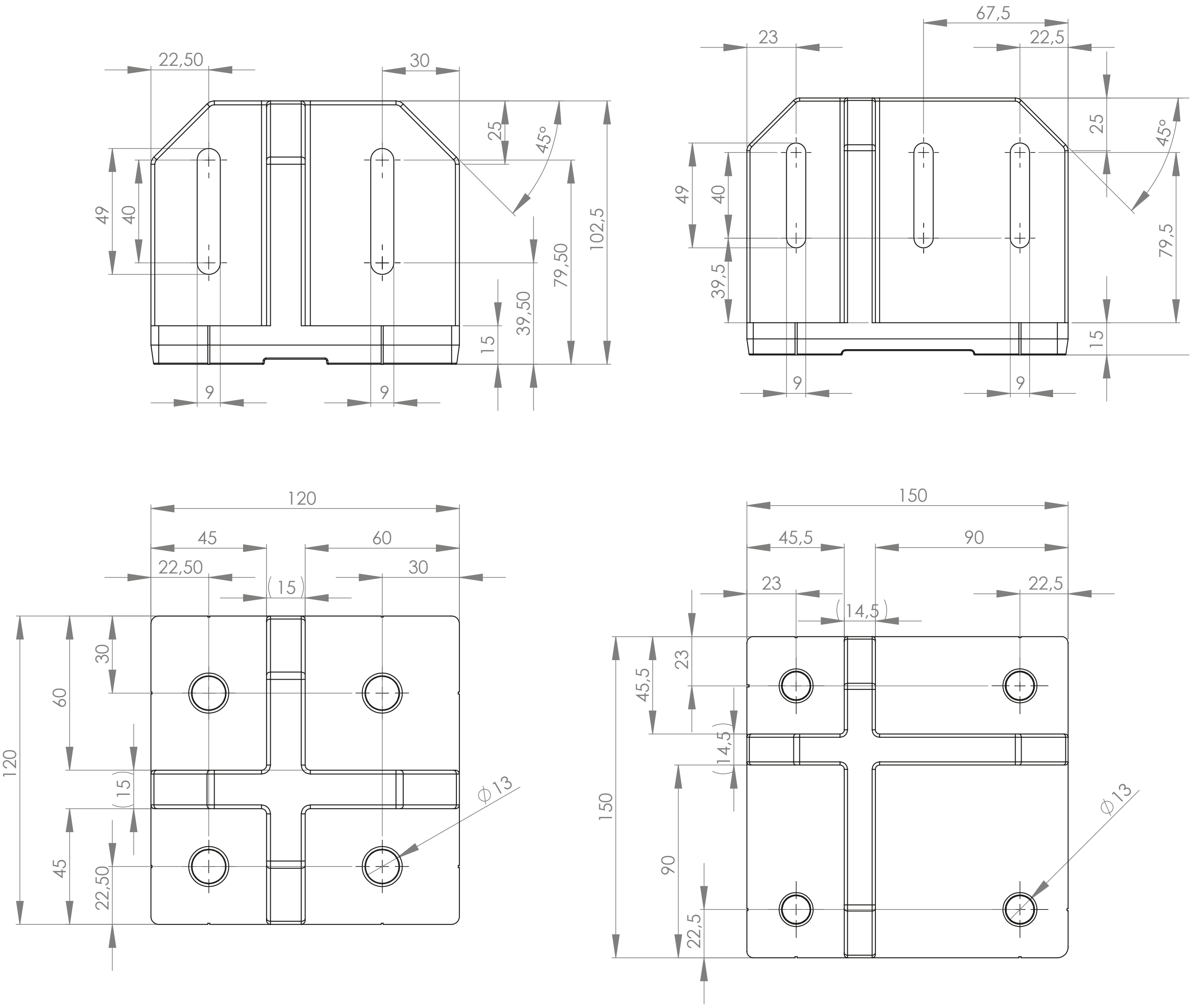
Description	B (mm)	L (mm)	A1 (mm)	A2 (mm)	H1 (mm)	H2 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	Weight (g)	Art. no.:
Clamping tab Ø60 zinc, black	56	110	38	88	5	18	12	39	64	240.5	**99900174**
Clamping tab Ø80 zinc, black	76	150	48	118	5	20	14	54	80	492.0	**501288**



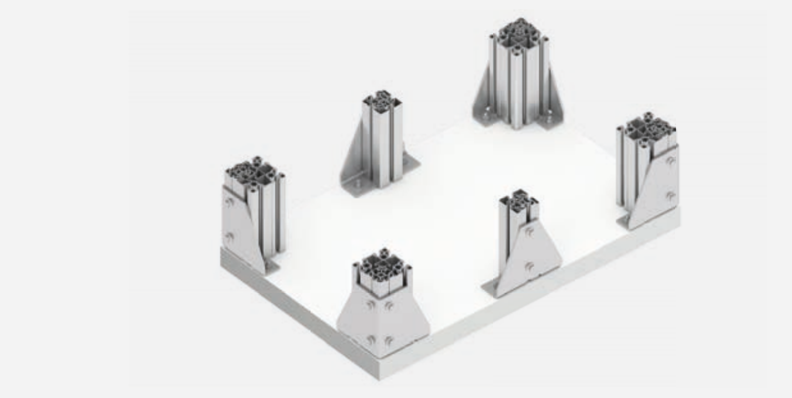
BASE PLATES (FOUNDATION)

Material: die-cast aluminium

- For use as foundation attachment
- Floor mounting option
- No profile processing required
- Suitable for use with many different profile types



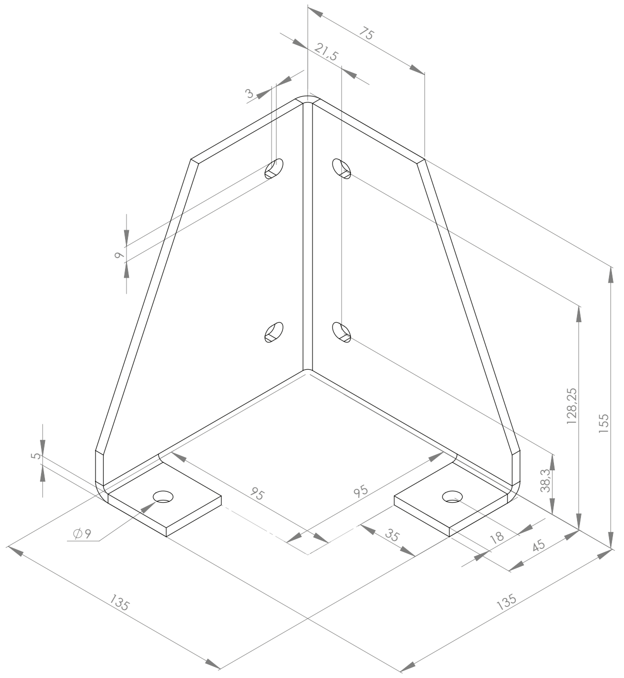
Description	Profile types	Material	Weight (g)	ESD	Art. no.:
Base plate 120x120x110	45x45 45x60 60x60	Die-cast aluminium	107.0		**504070**
Base plate 150x150x120	45x45 45x90 90x90	Die-cast aluminium	171.0		**504075**

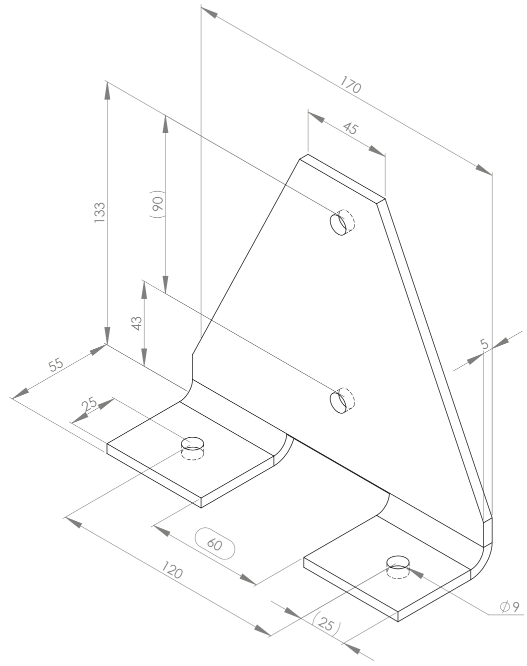


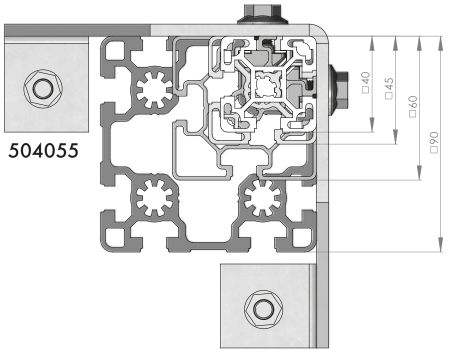
UNIVERSAL FLOOR SUPPORTS

Material: steel, zinc-plated

- For use as foundation attachment
- Floor mounting option
- No profile processing required
- Suitable for use with many different profile types







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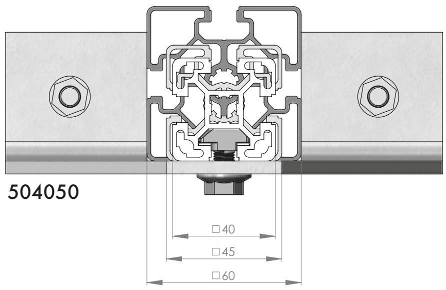


504050

Description	Profile types	Weight (kg)	ESD	Series	Art. no.:
Universal floor support (straight variant)	40x40, 45x45 50x50, 60x60	0.878		(i) (B)	**504050**
Universal floor support (corner variant)	40x40, 45x45 50x50, 60x60 80x80, 90x90	1.314		(i) (B)	**504055**

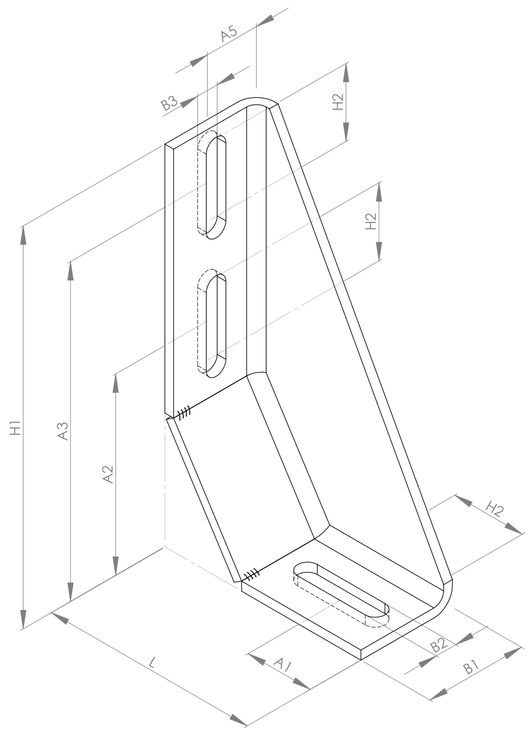
Accessories	M	Hole depth a (mm)	Effective anchoring depth b (mm)	Fastening height c (mm)	Thread length d (mm)	Total height e (mm)	Weight (g)	ESD	Series	Art. no.:
Floor dowel Ø8 M8	M8	55 - 65	35 - 44	15 - 24	45	80	-		(i) | (B)	**504090**
Floor dowel Ø10 M10	M10	65 - 70	42 - 48	15 - 21	45	90	-		(i) | (B)	**504095**

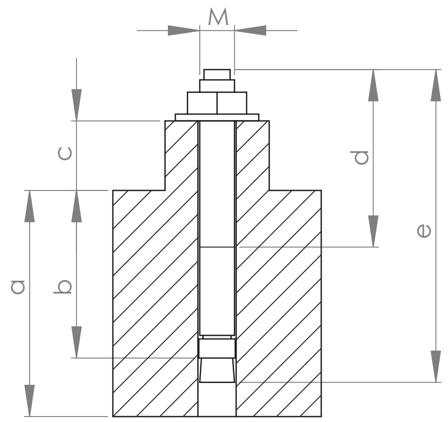
FOUNDATION ANGLE, ZINC-PLATED STEEL

Material:

Steel foundation angle: steel, zinc-plated

Floor dowel: steel, zinc-plated





Floor dowel

Description	L (mm)	B1 (mm)	B2 (mm)	B3 (mm)	A1 (mm)	A2 (mm)	A3 (mm)	A4 (mm)	A5 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	Material	Weight (g)	ESD	Series	Art. no.:
Foundation angle 42x160	90	42	9	9	28.5	80	135	-	22.5	160	31	31	Steel, zinc-plated	423.0		(i) (B)	**504005**
Foundation angle 39x200	87	39	13	9	26	77.5	129.5	181.5	21	200	16	16	Steel, zinc-plated	456.0		(i) (B)	**504010**

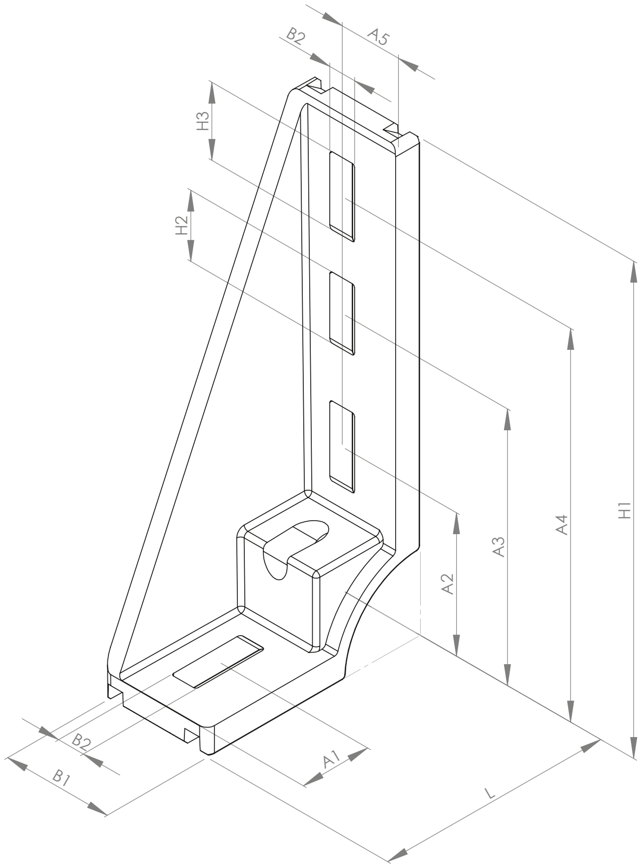
Accessories	M (mm)	Hole depth a (mm)	Effective anchoring depth b (mm)	Fastening height c (mm)	Thread length d (mm)	Total height e (mm)	Weight	ESD	Series	Art. no.
Floor dowel Ø8 M8	M8	55 - 65	35 - 44	15 - 24	45	80	-		(i) (B)	**504090**
Floor dowel Ø10 M10	M10	65 - 70	42 - 48	15 - 21	45	90	-		(i) (B)	**504095**

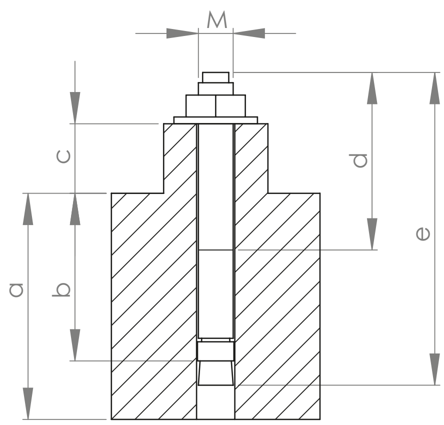
LEFT FOUNDATION ANGLE, DIE-CAST ALUMINIUM

Material:

Die-cast aluminium foundation angle: bare

Floor dowel: steel, zinc-plated





Floor dowel

Description	L (mm)	B1 (mm)	B2 (mm)	B3 (mm)	A1 (mm)	A2 (mm)	A3 (mm)	A4 (mm)	A5 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	Material	Weight (g)	ESD	Series	Art. no.:
Foundation angle left 30x120	57	28	8.5	8.5	22	40	70	100	14	117	20	20	Die-cast aluminium	87.0		(B)	504025
Foundation angle left 43x175	86	41	10	10	26	60	107	147.5	21.5	175	25	27	Die-cast aluminium	266.0		(B)	504030

Accessories	M (mm)	Hole depth a (mm)	Effective anchoring depth b (mm)	Fastening height c (mm)	Thread length d (mm)	Total height e (mm)	Weight (g)	ESD	Series	Art. no.
Floor dowel Ø8 M8	M8	55 - 65	35 - 44	15 - 24	45	80	-		(i) (B)	504090
Floor dowel Ø10 M10	M10	65 - 70	42 - 48	15 - 21	45	90	-		(i) (B)	504095

SIGNS AND SYMBOLS

.....................Components for series 45 B

.....................Components for series 40 i

.....................Components for series 40 i and 45 B

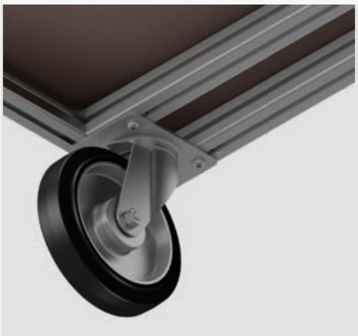
.....................Slot specifications


.....................ESD symbol for products that are electrostatically dissipative

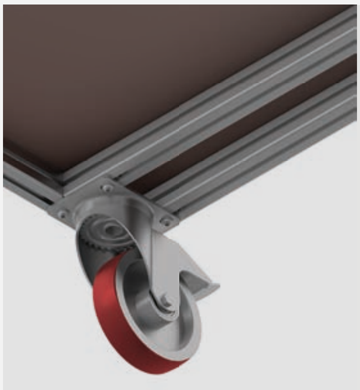

.....................Pages showing product overviews

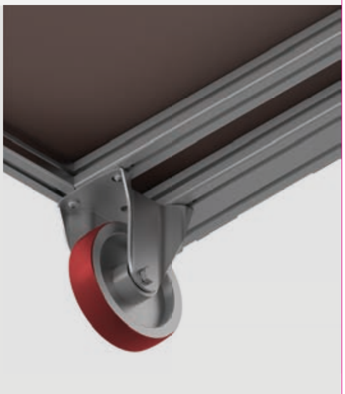
ROLLERS FOR TRANSPORT SYSTEMS ....From page 370

SWIVEL AND FIXED CASTORS IN VAR. VERSIONS ......From page 376



SWIVEL CASTORS AND FIXED CASTORS (HEAVY-DUTY) From p.380





8 10

ROLLERS FOR ROLLER CONVEYORS AND ROLLER HOLDERS

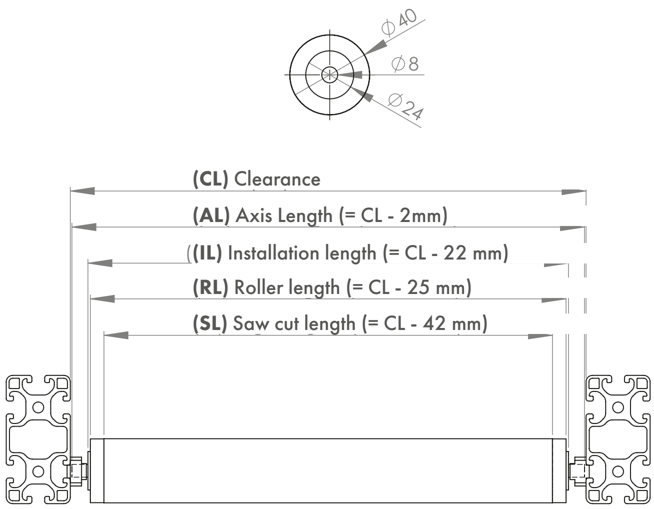
Roller material: anodised aluminium

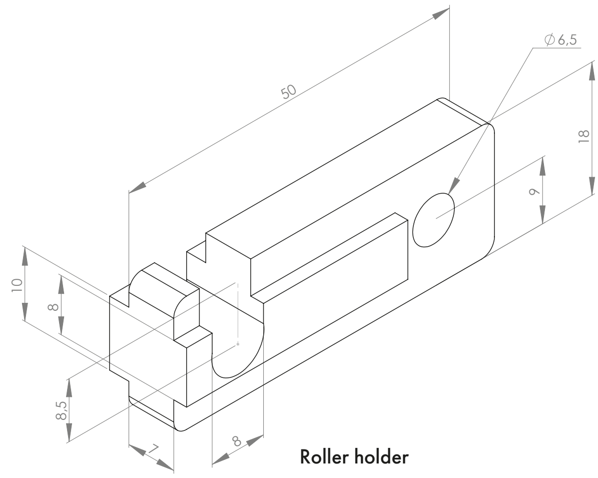
Axis material: stainless steel

Load capacity max. 140 N

For use in roller conveyors with a wide range of width dimensions.

The roller holders that fit slot 8 and slot 10 components can be inserted at any intervals.





Roller holder

Example: (CL) Clearance of the planned roller conveyor = 600 mm

(AL) Axis length = (CL 600 mm - 2 mm) = 598 mm

(IL) Installation length = (CL 600 mm - 22 mm) = 578 mm

(RL) Roller length = (CL 600 mm - 25 mm) = 575 mm

(SL) Saw cut length = (CL 600 mm - 42 mm) = 558 mm

Description	Installation length (IL) (mm)	Clearance (CL)(mm)	Saw cut length (SL) (mm)	Roller length RL (mm)	Axis length (AL) (mm)	Weight (g)	Art. no.:
Roller for roller conveyors | IL = 50 - 300 [mm]	50 - 300	Customer-specific dimensions	CL - 42	CL - 25	CL - 2	Variable	**417020**
Roller for roller conveyors | IL = 301 - 500 [mm]	301 - 500	Customer-specific dimensions	CL - 42	CL - 25	CL - 2	Variable	**417030**
Roller for roller conveyors | IL = 501 - 800 [mm]	501 - 800	Customer-specific dimensions	CL - 42	CL - 25	CL - 2	Variable	**417040**

Accessories	L (mm)	Slot (mm)	Weight (g)	ESD	Art. no.:
Roller holder	50	**8/10**	6.6	-	**417010**
ESD roller holder	50	**8/10**	7.5	ESD	**417015**

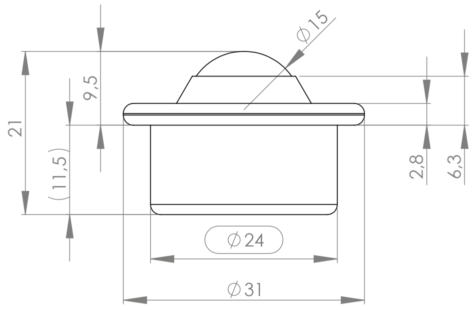
6

BALL CASTOR Ø15

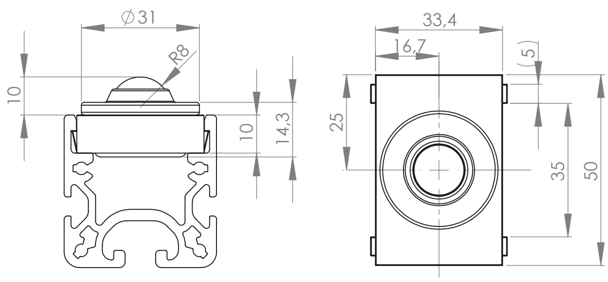
Material: Housing: steel, zinc-plated / ball: stainless steel

Ball castor insert: PA plastic (black)

The ball castor is inserted into the provided hole. If necessary it can then be secured below with the serrated ring to prevent it from falling out. If required, the ball caster is also available in a matching ball castor insert. The assembly (ball castor and insert) can then be installed as a complete unit in a roller track profile as an element of a roller conveyor.



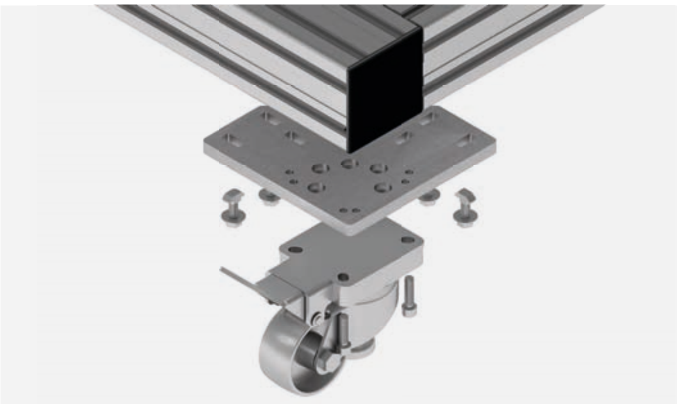
418210



806034

Description	L (mm)	Weight	(g)	ESD	Art. no.:
Ball castor Ø15		39.7			**418210**
Ball castor insert, ESD	50	71.8			**806034**

Accessories	Material	Weight	(g)	ESD	Art. no.:
Serrated ring for ball castor Ø15	spring steel	4.4		-	**418310**



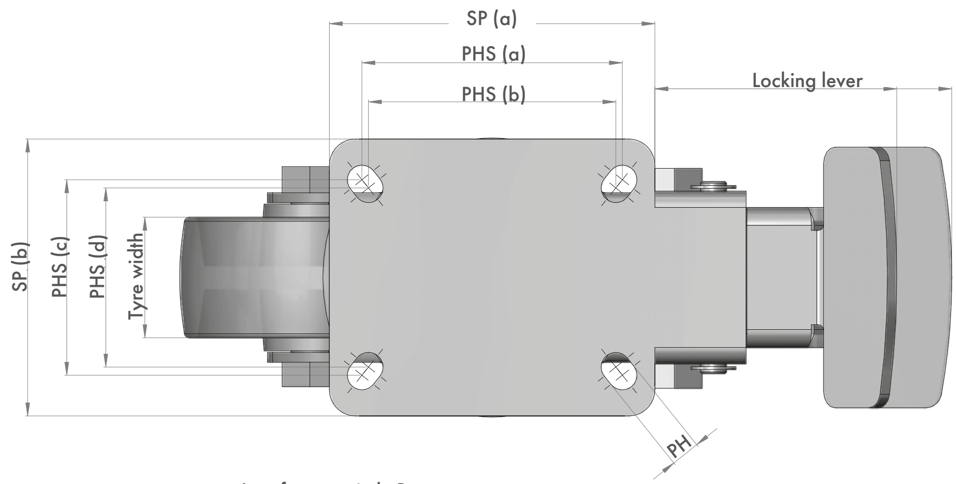
LEVELLING CASTOR Ø80 WITH BASE PLATE FOR A ROLLING OR STANDING POSITION

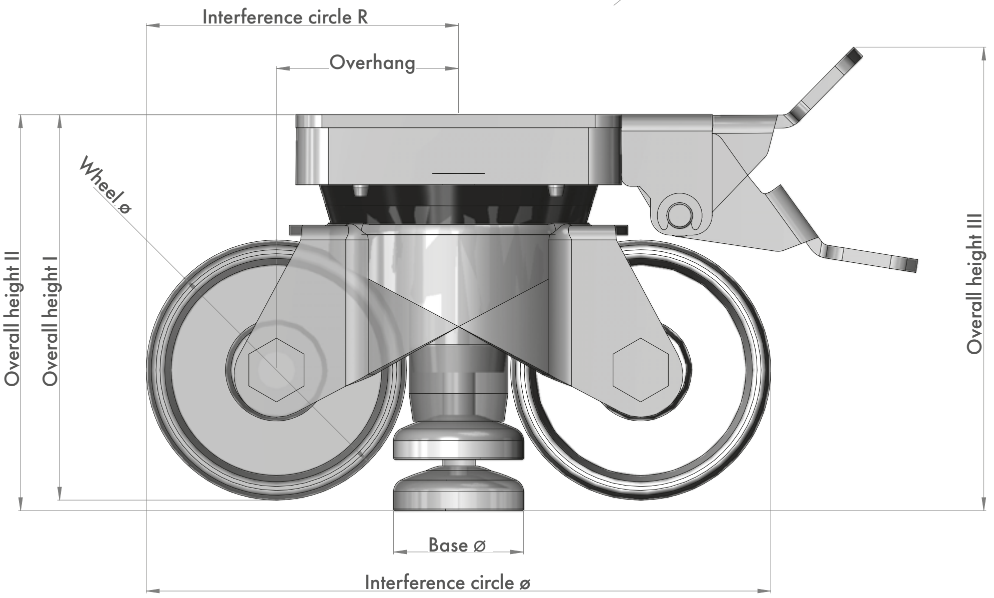
Housing material: die-cast aluminium, powder-coated. Castor: PA 6, black

Locking foot: aluminium, rubber

Simply throw the locking lever to turn the castor into a sturdy foot. Castor can turn independently of the locking lever: The locking lever remains in the fixed position while the castor can swivel freely.

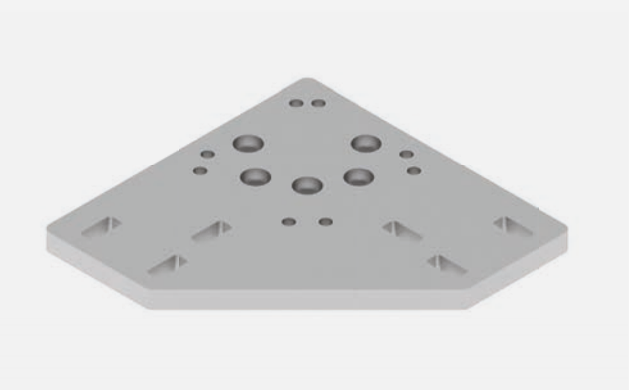
Max. load capacity of 230 kg





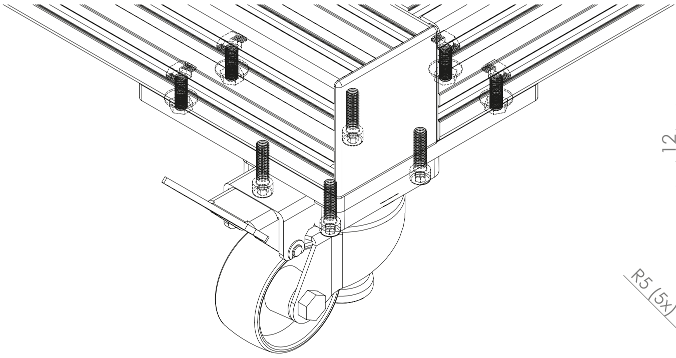
Description	Wheel Ø (mm)	Castor width (mm)	Overall height I (mm)	Inter-ference circle R (mm)	Inter-ference circle Ø (mm)	IA LL (mm)	Base Ø (mm)	Overall height II (mm)	Overall height III (mm)	O (mm)	SP (mm) a x b	PHS (mm) a/b x c/d	PH (mm)	Weight (kg)	Art. no.:
Levelling castor Ø80 with base plate for a rolling or standing position	80	37	120	96	192	74 - 92	40	122	143	56	100 x 85	80/76 x 60/55	9	1.66	**502210**

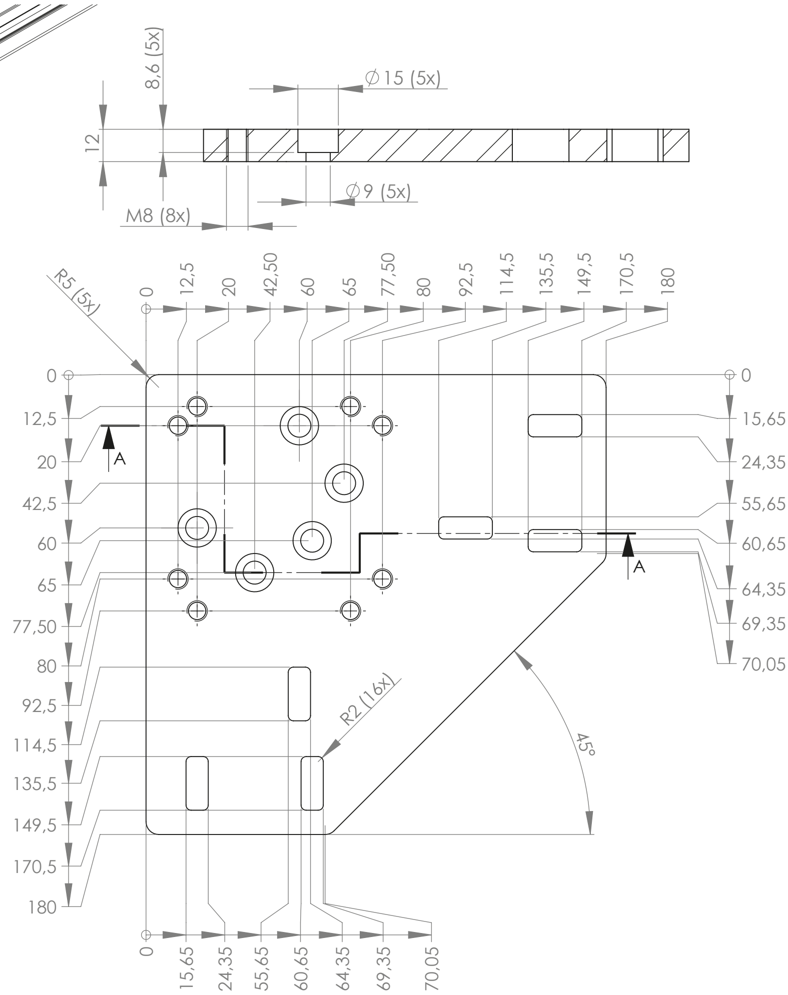
SP =	Screw-on plate	**PH =**	Plate hole
IA LL =	Interference area, locking lever	**O =**	Overhang
PHS =	Plate hole spacing		



MOUNTING PLATE 180x180x12

Material: steel, zinc-plated





Accessories	Dimensions (mm)	Thread (M)	Hole (cylindrical counter bore)	Cut-out (mm)	Weight (kg)	Art. no.:
Mounting plate 180x180x12	180x180x12	8x M8	5x Ø15	6x (9x21)	2.5	**502215**

SWIVEL CASTOR WITH BACK HOLE

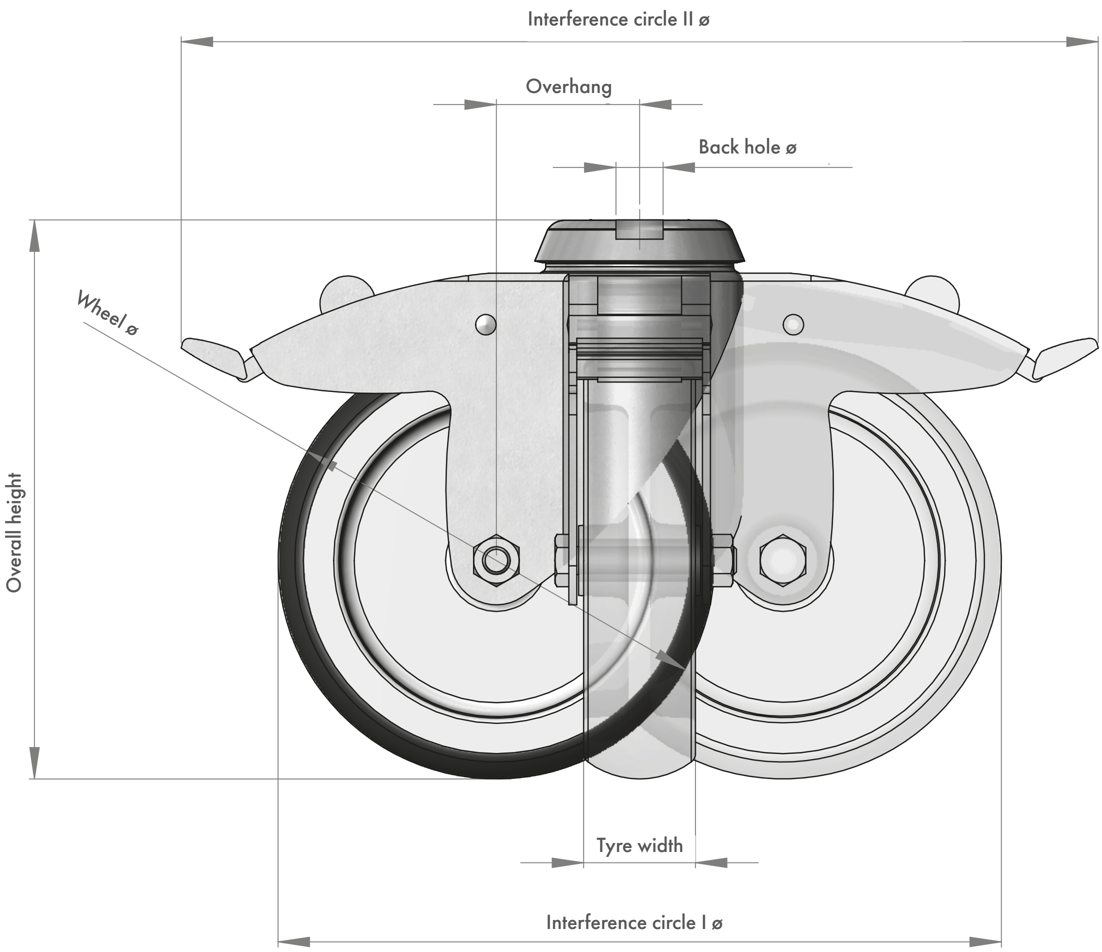
Housing: Steel, zinc-plated, tread: Thermoplastic rubber, grey, trackless
Fastening kits can be found on p. 378

Swivel castor with and without locking device

Swivel bearing with double ball bearing ring, plain bearing and mounting hole. Standard screws can be used to attach the castors.

Can either be fixed in the slot or in the core pull of a profile

For applications in the temperature range from -20°C to 60°C



Description	Wheel Ø (mm)	Tyre width (mm)	Back hole Ø (mm)	Over-hang (mm)	Overall height (mm)	Inter-ference circle I Ø (mm)	Inter-ference circle II Ø (mm)	Load capacity dynamic	Load capacity static	Version	Weight (kg)	ESD	Art. no.:
Swivel castor Ø 75 with back hole Ø 11													
Swivel castor Ø75 with back hole Ø11	Ø 75	25	Ø 11	24	100	124	-	75 kg	150 kg	-	0.215	-	**510190**
Swivel castor Ø75 with back hole Ø11, conductive	Ø 75	25	Ø 11	24	100	124	-	75 kg	150 kg	-	0.222		**510120**
Swivel castor Ø75 with back hole Ø11 cpl. lockable	Ø 75	25	Ø 11	24	100	-	160	75 kg	150 kg	With full brake	0.267	-	**510180**
Swivel castor Ø75 with back hole Ø11 cpl. lockable, conductive	Ø 75	25	Ø 11	24	100	-	160	75 kg	150 kg	With full brake	0.273		**510110**
Swivel castor Ø 75 with back hole Ø13													
Swivel castor Ø75 with back hole Ø13	Ø 75	25	Ø 13	24	100	124	-	75 kg	150 kg	-	0.209	-	**502121**
Swivel castor Ø75 with back hole Ø13, conductive	Ø 75	25	Ø 13	24	100	124	-	75 kg	150 kg	-	0.215		**502061**
Swivel castor Ø75 with back hole Ø13 cpl. lockable	Ø 75	25	Ø 13	24	100	-	160	75 kg	150 kg	With full brake	0.266	-	**502111**
Swivel castor Ø75 with back hole Ø13 cpl. lockable, conductive	Ø 75	25	Ø 13	24	100	-	160	75 kg	150 kg	With full brake	0.271		**502051**
Swivel castor Ø 100 with back hole Ø11													
Swivel castor Ø100 with back hole Ø11	Ø 100	32	Ø 11	38	135	176	-	80 kg	160 kg	-	0.532	-	**510220**
Swivel castor Ø100 with back hole Ø11, conductive	Ø 100	32	Ø 11	38	135	176	-	80 kg	160 kg	-	0.543		**510150**
Swivel castor Ø100 with back hole Ø11 cpl. lockable	Ø 100	32	Ø 11	38	135	-	263	80 kg	160 kg	With full brake	0.716	-	**510210**
Swivel castor Ø100 with back hole Ø11 cpl. lockable, conductive	Ø 100	32	Ø 11	38	135	-	263	80 kg	160 kg	With full brake	0.761		**510140**
Swivel castor Ø 100 with back hole Ø13													
Swivel castor Ø100 with back hole Ø13	Ø 100	32	Ø 13	38	135	176	-	80 kg	160 kg	-	0.530	-	**502126**
Swivel castor Ø100 with back hole Ø13, conductive	Ø 100	32	Ø 13	38	135	176	-	80 kg	160 kg	-	0.541		**502064**
Swivel castor Ø100 with back hole Ø13 cpl. lockable	Ø 100	32	Ø 13	38	135	-	263	80 kg	160 kg	With full brake	0.714	-	**502125**
Swivel castor Ø100 with back hole Ø13 cpl. lockable, conductive	Ø 100	32	Ø 13	38	135	-	263	80 kg	160 kg	With full brake	0.759		**502063**
Swivel castor Ø 125 with back hole Ø11													
Swivel castor Ø125 with back hole Ø11	Ø 125	32	Ø 11	41	160	207	-	100 kg	200 kg	-	0.634	-	**510224**
Swivel castor Ø125 with back hole Ø11, conductive	Ø 125	32	Ø 11	41	160	207	-	100 kg	200 kg	-	0.634		**510154**
Swivel castor Ø125 with back hole Ø11 cpl. lockable	Ø 125	32	Ø 11	41	160	-	263	100 kg	200 kg	With full brake	0.814	-	**510223**
Swivel castor Ø125 with back hole Ø11 cpl. lockable, conductive	Ø 125	32	Ø 11	41	160	-	263	100 kg	200 kg	With full brake	0.809		**510152**
Swivel castor Ø 125 with back hole Ø13													
Swivel castor Ø125 with back hole Ø13	Ø 125	32	Ø 13	41	160	207	-	100 kg	200 kg	-	0.632	-	**502140**
Swivel castor Ø125 with back hole Ø13, conductive	Ø 125	32	Ø 13	41	160	207	-	100 kg	200 kg	-	0.632		**502080**
Swivel castor Ø125 with back hole Ø13 cpl. lockable	Ø 125	32	Ø 13	41	160	-	263	100 kg	200 kg	With full brake	0.812	-	**502130**
Swivel castor Ø125 with back hole Ø13 cpl. lockable, conductive	Ø 125	32	Ø 13	41	160	-	263	100 kg	200 kg	With full brake	0.809		**502070**

SWIVEL AND FIXED CASTORS WITH SCREW-ON PLATES

Housing: steel, zinc-plated, tread: thermoplastic rubber, grey, trackless
Castor fastening kits can be found on p. 378

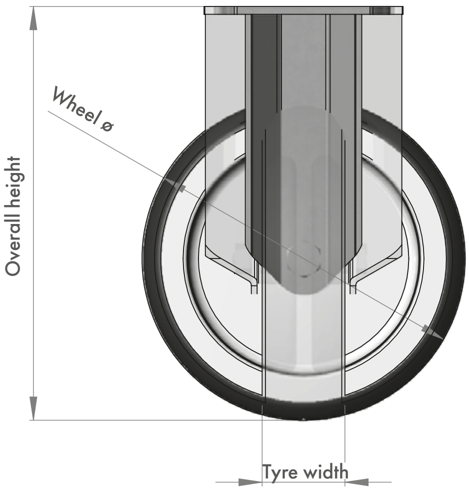
Swivel and fixed castors with and without full brakes

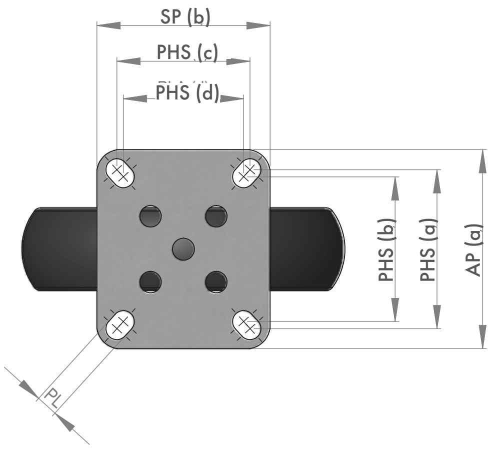
Swivel bearing with double ball bearing

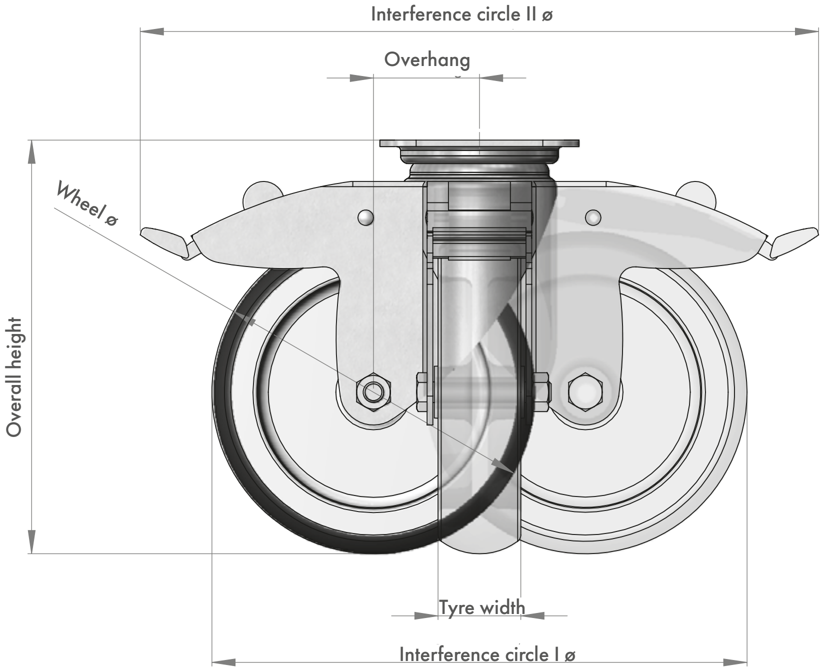
Swivel castor with plain bearing and screw-on plate

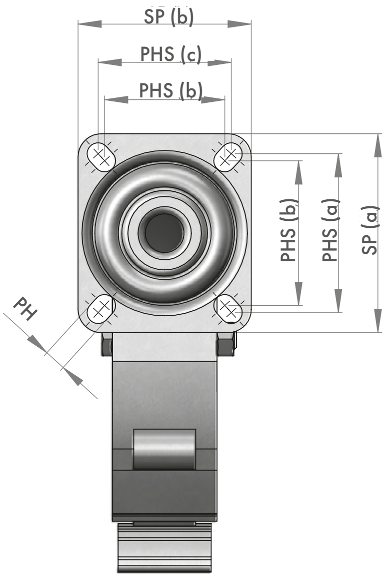
Standard screws can be used to attach the castors.

For applications in the temperature range from -20°C to 60°C









6

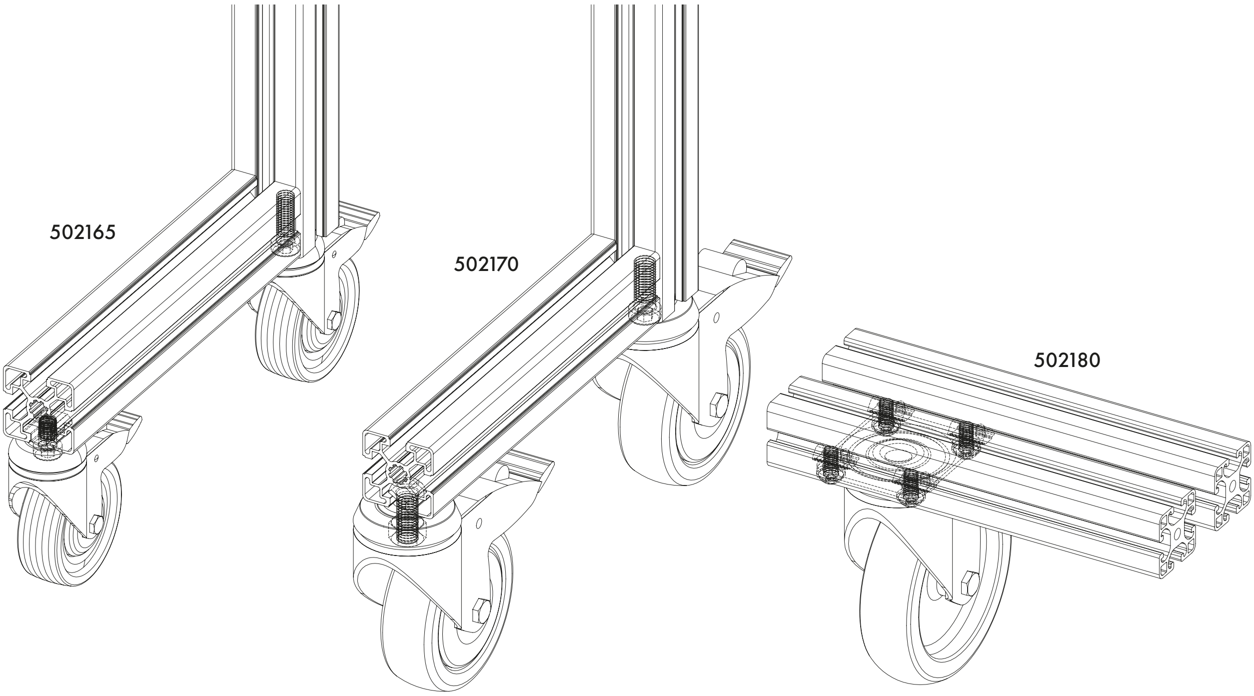
Description	Wheel Ø (mm)	Tyre width (mm)	SP (mm)	PHS (mm)	PH (mm)	O (mm)	H (mm)	Interfer-ence circle I Ø (mm)	Inter-ference circle II Ø (mm)	Load ca-pacity dyn.	Load ca-pacity stat.	Version	Weight (kg)	ESD	Art. no.:
Swivel castor Ø75 with screw-on plate			**a x b**	**a/b x c/d**											
Swivel castor Ø75 with screw-on plate	Ø 75	25	60 x 60	48/38 x 48/38	6.3	24	100	123	-	75	150	-	0.242	-	**510020**
Swivel castor Ø75 with screw-on plate, conductive	Ø 75	25	60 x 60	48/38 x 48/38	6.3	24	100	123	-	75	150	-	0.242		**510070**
Swivel castor Ø75 with screw-on plate, cpl. lockable	Ø 75	25	60 x 60	48/38 x 48/38	6.3	24	100	-	160	75	150	With full brake	0.299	-	**510010**
Swivel castor Ø75 with screw-on plate, cpl. lockable conductive	Ø 75	25	60 x 60	48/38 x 48/38	6.3	24	100	-	160	75	150	With full brake	0.299		**510060**
Fixed castors Ø75 with screw-on plate															
Fixed castor Ø75 with screw-on plate	Ø 75	25	67 x 60	48/40 x 48/40	6.3	-	100	-	-	75	150	-	0.159	-	**510201**
Fixed castor Ø75 with screw-on plate, conductive	Ø 75	25	67 x 60	48/40 x 48/40	6.3	-	100	-	-	75	150	-	0.159		**510130**
Swivel castor Ø100 with screw-on plate															
Swivel castor Ø100 with screw-on plate	Ø 100	32	77 x 67	61.5/56 x 51.5/46.5	8.5	38	135	176	-	80	160	-	0.595	-	**510050**
Swivel castor Ø100 screw-on plate, conductive	Ø 100	32	77 x 67	61.5/56 x 51.5/46.5	8.5	38	135	176	-	80	160	-	0.595		**510100**
Swivel castor Ø100 with screw-on plate, cpl. lockable	Ø 100	32	77 x 67	61.5/56 x 51.5/46.5	8.5	38	135	-	262	80	160	With full brake	0.758	-	**510040**
Swivel castor Ø100 screw-on plate, cpl. lockable conductive	Ø 100	32	77 x 67	61.5/56 x 51.5/46.5	8.5	38	135	-	262	80	160	With full brake	0.758		**510090**
Fixed castors Ø100 with screw-on plates															
Fixed castor Ø100 with screw-on plate	Ø 100	32	77 x 67	61.5/56 x 51.5/46.5	8.5	-	135	-	-	80	160	-	0.450	-	**510203**
Fixed castor Ø100 with screw-on plate, conductive	Ø 100	32	77 x 67	61.5/56 x 51.5/46.5	8.5	-	135	-	-	80	160	-	0.450		**510153**
Swivel castors Ø125 with screw-on plates															
Swivel castor Ø125 with screw-on plate	Ø 125	32	77 x 67	61.5/56 x 51.5/46.5	8.5	41	160	207	-	100	200	-	0.684	-	**502035**
Swivel castor Ø125 with screw-on plate, conductive	Ø 125	32	77 x 67	61.5/56 x 51.5/46.5	8.5	41	160	207	-	100	200	-	0.684		**502047**
Swivel castor Ø125 with screw-on plate, cpl. lockable	Ø 125	32	77 x 67	61.5/56 x 51.5/46.5	8.5	41	160	-	262	100	200	With full brake	0.871	-	**502030**
Swivel castor Ø125 screw-on plate, cpl. lockable conductive	Ø 125	32	77 x 67	61.5/56 x 51.5/46.5	8.5	41	160	-	262	100	200	With full brake	0.871		**502045**
Fixed castors Ø125 with screw-on plates															
Fixed castor Ø125 with screw-on plate	Ø 125	32	77 x 67	61.5/56 x 51.5/46.5	8.5	-	160	-	-	100	200	-	0.589	-	**502145**
Fixed castor Ø125 with screw-on plate, conductive	Ø 125	32	77 x 67	61.5/56 x 51.5/46.5	8.5	-	160	-	-	100	200	-	0.589		**502083**

SP =	Screw-on plate	**PH =**	Plate hole
		O =	Overhang
PHS =	Plate hole spacing	**H =**	Overall height

8 10

FASTENING KIT FOR CASTORS

Material: steel, zinc-plated



Description	Slot	Fastening type	Version	Series	Art. no.:
Fastening kit for castors Ø75 with BH Ø11 and Ø12.5	10	Slot / core pull	Fastening kit*	(B)	**502165**
	8	Core pull	Fastening kit*	(i)	**502165**
Fastening kit for castors Ø100 / Ø125 with BH Ø13	10	Slot / core pull	Fastening kit**	(B)	**502170**
	-	Core pull	Fastening kit**	(i)	**502170**
Fastening kit for swivel castor with screw-on plate	10	Slot	Fastening kit***	(B)	**502180**
	8	Slot	Fastening kit***	(i)	**502180**

Fastening kit:*	Fastening kit:**	Fastening kit:***
1x heavy-duty T-slot nut slot 10 M10, steel, zinc-plated	1x nut, hexagonal, self-locking, M12 ISO 7040 (DIN 982), steel, zinc-plated	4x screws, pan head, ISO 7380, M8x16, 10.9, steel, zinc-plated
1x screw, cylinder head, DIN 7984, M10x30, 8.8, steel, zinc-plated	1x castor screw M12x30, steel, zinc-plated	4x washers DIN 125 A Ø8.4 steel, zinc-plated
1x screw, cylinder head, DIN 7984, M10x16, 8.8, steel, zinc-plated	1x screw, M12x30, steel, zinc-plated (for core pull)	4x swivelling T-slot nuts 8 M8 with ball and bar, steel, zinc-plated
		4x swivelling T-slot nuts slot 10 M8 with spring sheet, steel, zinc-plated

SWIVEL CASTOR Ø50, JACKED UP WITH LOCKING DEVICE

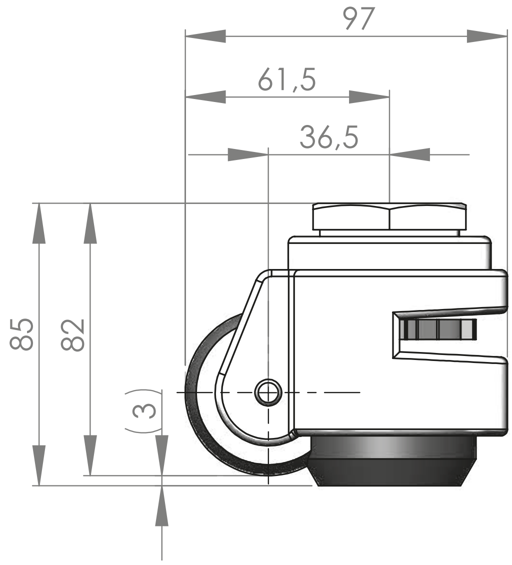
Housing: die-cast aluminium, powder-coated

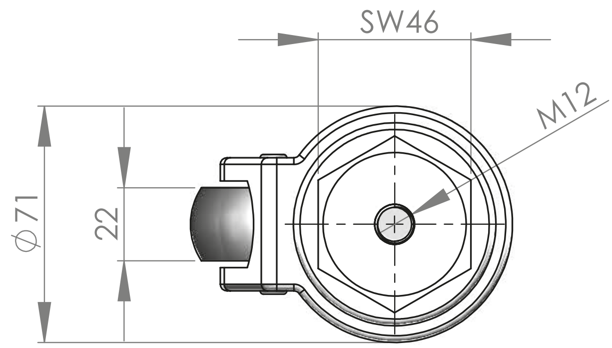
Castor: PA 6, black

Locking foot: aluminium, rubber

Load capacity max. 170 kg

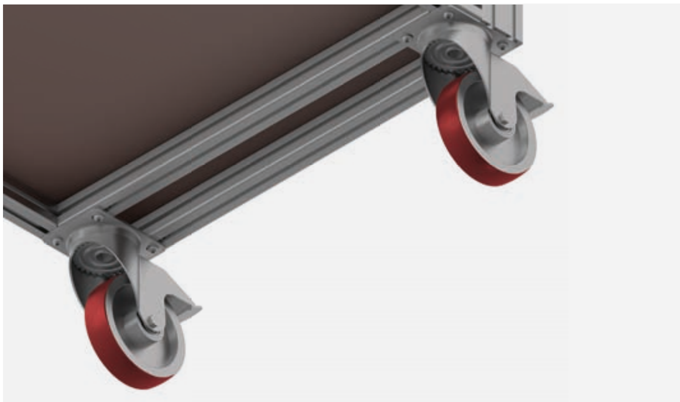
Adjustable max. 10 mm above castor level using levelling spindle (no tools required)





Description	Thread (M)	WAF	Wheel (mm)	Castor width (mm)	Overall height (mm)	Overhang (mm)	Weight (kg)	Art. no.:
Swivel castor Ø50, jacked up with locking device	M12	46	Ø50	22	85	36.5	1.662	**502200**

Fastening kit:*
1x grub screw, M12, steel, zinc-plated
Nut, M12, steel, zinc-plated



SWIVEL CASTOR WITH SCREW-ON PLATES (HEAVY-DUTY)

Housing: steel, zinc-plated / tread: polyurethane

Swivel and fixed castors with and without full brakes

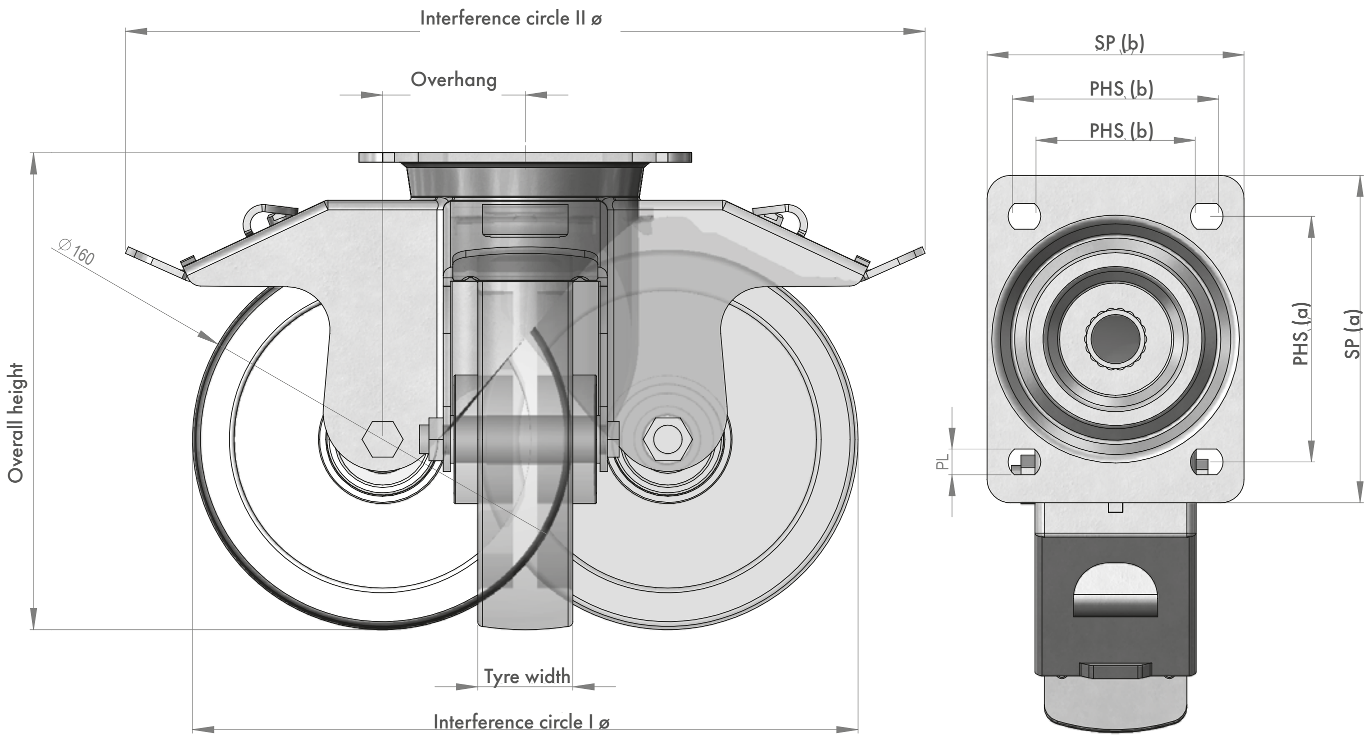
Swivel bearing with double ball bearing and swivel bearing guard

Swivel castor with plain bearing and screw-on plate

Standard screws can be used to attach
the castors.

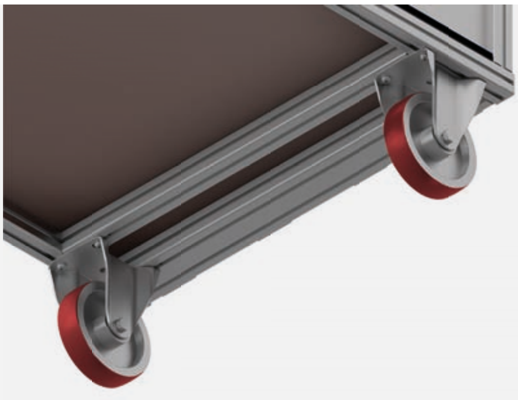
For applications in the temperature range from -40°C to 80°C

Castor fastening kits can be found on p. 378



Description	Wheel Ø (mm)	Tyre width (mm)	SP (mm) a x b	PHS (mm) a x b/c	PH (mm)	O (mm)	H (mm)	Inter-ference circle I Ø (mm)	Inter-ference circle II Ø (mm)	Load capac-ity dyn.	Load capacity stat.	Version	Weight (kg)	ESD	Art. no.:
Swivel castor Ø160 with screw-on plate 400 kg	160	40	140 x 110	105 x 80/75	11	55	200	270	-	400	800	-	2.340	-	**502039**
Swivel castor Ø160 with screw-on plate cpl. lockable 400 kg	160	40	140 x 110	105 x 80/75	11	55	200	-	300	400	800	With full brake	2.635	-	**502038**

SP =	Screw-on plate	**PH =**	Plate hole
		O =	Overhang
PHS =	Plate hole spacing	**H =**	Overall height



FIXED CASTORS WITH SCREW-ON PLATES (HEAVY-DUTY)

Housing: steel, zinc-plated / tread: polyurethane

Swivel and fixed castors with and without full brakes

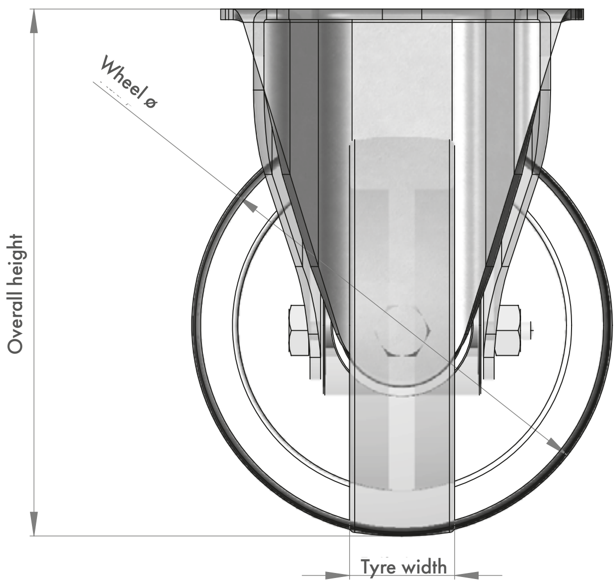
Swivel bearing with double ball bearing and swivel bearing guard

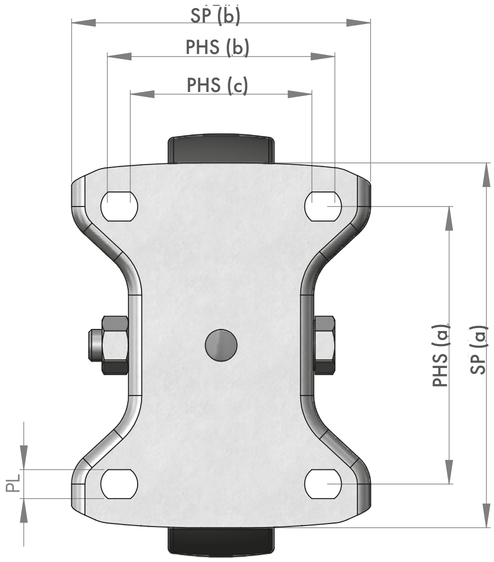
Swivel castor with plain bearing and screw-on plate

Standard screws can be used to attach
the castors.

For applications in the temperature range from -40°C to 80°C

Castor fastening kits can be found on p. 378





Description	Wheel Ø (mm)	Tyre width (mm)	SP (mm) a x b	PHS (mm) a x b/c	PH (mm)	O (mm)	H (mm)	Inter-ference circle I Ø (mm)	Inter-ference circle II Ø (mm)	Load capac-ity dyn.	Load capacity stat.	Version	Weight (kg)	ESD	Art. no.:
Fixed castor Ø160 with screw-on plate 400 kg	160	40	140 x 110	105 x 80/75	11	-	200	-	-	400	800	-	1.573	-	**502148**

SP =	Screw-on plate	**PH =**	Plate hole
		O =	Overhang
PHS =	Plate hole spacing	**H =**	Overall height

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

......................Components for series 40 i and 45 B

......................Slot specifications


......................ESD symbol for products that are electrostatically dissipative


......................Pages showing product overviews

WORKSTATION SYSTEMS.......................................From page 384

LIFTING COLUMN SYSTEMS

Our versatile electric lifting column systems are ideal for e.g. assembly workstations, fixtures, work tables and many other applications in industrial and mechanical engineering.

Concealed installation of the lifting column technology makes it invisible from the outside. In addition to this compact design, the lifting columns have an outstanding drive system coupled with stable guides.

If additional guidance is required, our lifting columns (with milled slots) allow an aluminium profile brace to be installed in combination with the lift adapters listed below to increase the stability of your applications.

The lifting columns can usually be installed and commissioned by persons without any electronic expertise. They can be supplied individually or in pairs.

Contact us with your request and we will help you to find the right application for your project and assist you with its implementation.

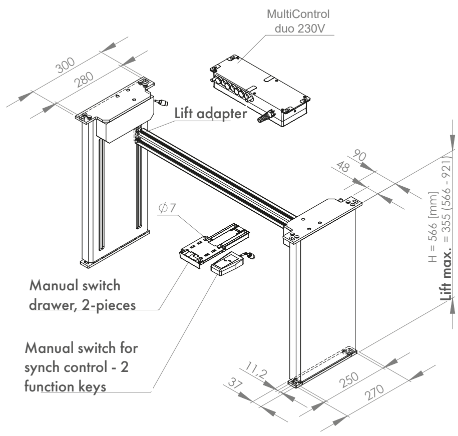
See below for our pre-configured systems:

Lifting column system, synchronised (with milled slots) | **Includes:** | **Art. no.: 609020**

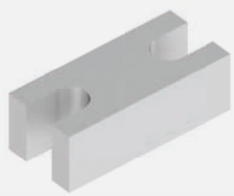
2x Lifting Columns with milling, anodised aluminium
1x Control MultiControl duo 230 V, PA, electronics
1x Manual Switch with 2 function keys
1x Manual Switch Drawer, PA
4x Mounting Plates, powder-coated (black)
With fastening kit, steel, zinc-plated

Technical data:

Installation height cpl. = 566mm
Max. lift = 355mm
Lifting speed. = 8mm
Max. force = 3000 N (per column)

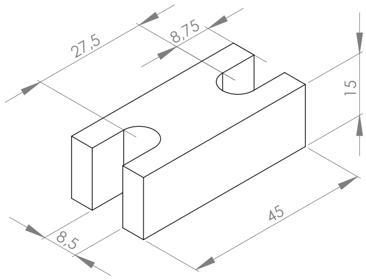


Lift adapter | **Art. no.: 99900037**



Lift adapter for bolting on a profile strut for additional reinforcement of the work table

Amongst other things, this enables further smaller components, such as (cable clips or similar) to be bolted on.

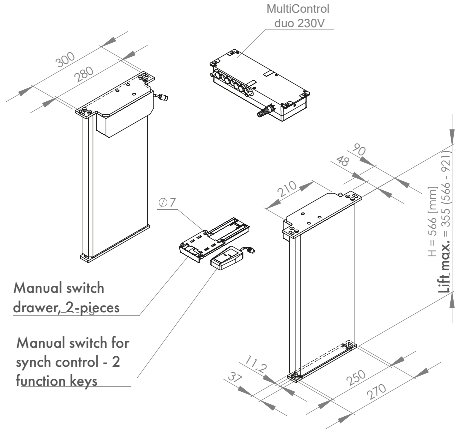


Lifting column system, synchronised (with milled slots) | **Includes:** | **Art. no.: 609021**

2x Lifting Columns without milling, anodised aluminium
1x Control MultiControl duo 230 V, PA, electronics
1x Manual Switch with 2 function keys, PA
1x Manual Switch Drawer, PA
4x Mounting Plates, powder-coated (black)
with attachment set, steel, zinc-plated

Technical data:

Installation height cpl. = 566mm
Max. lift = 355mm
Lifting speed = 8mm / s
Max. force = 3000 N (per column)

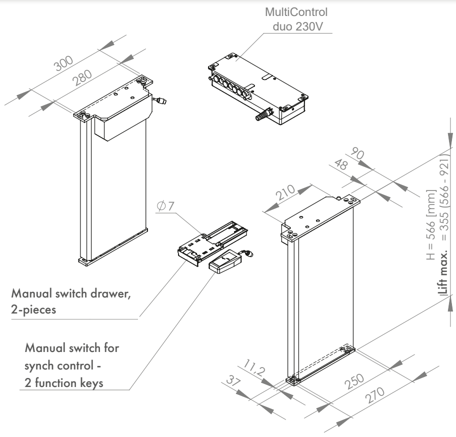


Lifting column system, synchronised (without milled slots) -16 mm/s	Includes:	Art. no.: 609022

2x Lifting Columns without milling, anodised aluminium
1x Control MultiControl duo 230 V, PA, electronics
1x Manual Switch with 2 function keys, PA
1x Manual Switch Drawer, PA
4x Mounting Plates, powder-coated (black)
with attachment set, steel, zinc-plated

Technical data:

Installation height cpl. = 566mm
Max. lift = 355mm
Lifting speed = 16 mm / s
Max. force = 3000 N (per column)

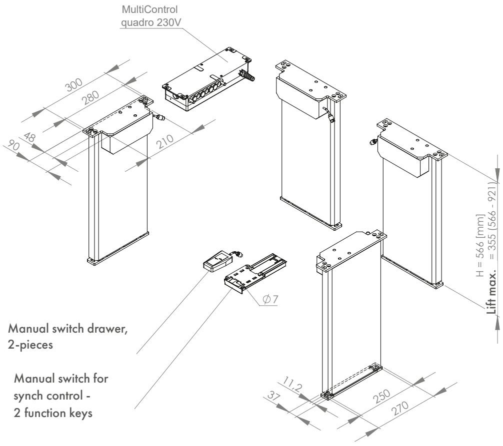


Lifting column system, synchronised Quadro (without milled slots)	Includes:	Art. no.: 609023

4x Lifting Columns without milling, anodised aluminium
1x Control MultiControl quadro 230 V, PA, electronics
1x Manual Switch with 2 function keys, PA
1x Manual Switch Drawer, PA
8x Mounting Plates, powder-coated (black)
with attachment set, steel, zinc-plated

Technical data:

Installation height cpl. = 566mm
Max. lift = 355mm
Lifting speed = 16 mm / s
Max. force = 3000 N (per column)

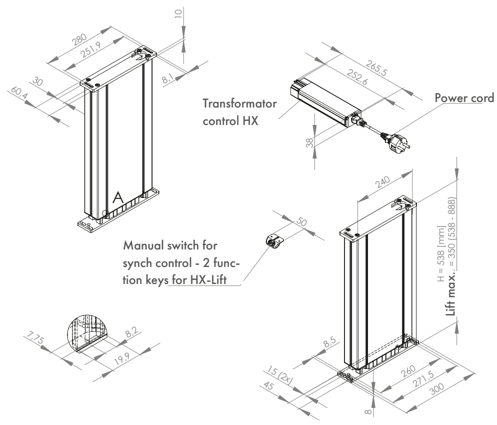


Lifting column system, synchronised HX (9 mm/s – 2000 N/column)	Includes:	Art. no.: 60952035

2x lifting column HX Gen 2.0 with screw-on plate t=10 (assembled)
1x Syncontrol 3 EU (transformer control HX)
220-240 V, 50/60 Hz, I: 3.5 A, (Pout: 380 W, 3 channels)
2x 2-m cables with Molex + Nexus plugs
1x power cord controller EU, 3-pole (compact)
1x manual switch up/down on body
2x screw-on plate t=8 (narrow side, enclosed)

Technical data:

Installation height cpl.: 538 mm (530 mm lift height)
Max. lift: 350 mm, Lifting speed: 9 mm/s
Max. force: 2000N (per column)

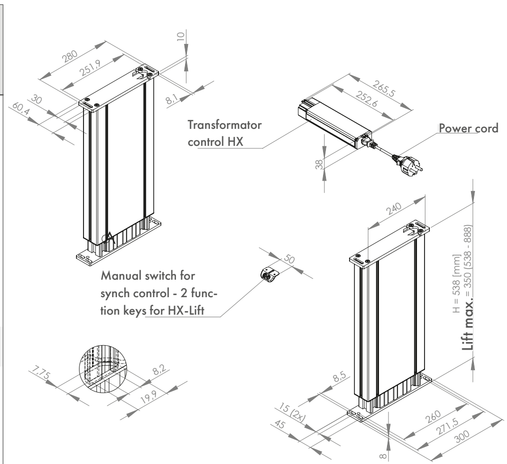


Lifting column system, synchronised HX (9 mm/s – 3200 N/column)	Includes:	Art. no.: 60953235

2x lifting columns HX Gen 2.0 m. Screw-on plate t=10 (assembled)
1x Syncontrol 3 EU (transformer control HX)
220-240 V, 50/60 Hz, I: 3.5 A, (Pout: 380 W, 3 channels)
2x2-m cables with Molex + Nexus plugs
1x power cord controller EU, 3-pole (compact)
1x manual switch up/down on body
2x screw-on plate t=8 (narrow side, enclosed)

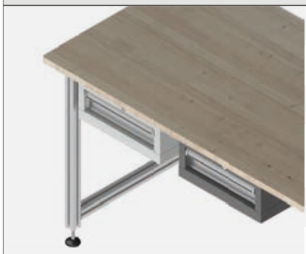
Technical data:

Installation height cpl.: 546 mm (530 mm lift height)
Max. lift: 350 mm | Lifting speed: 9 mm/s
Max. force: 3200 N (per column

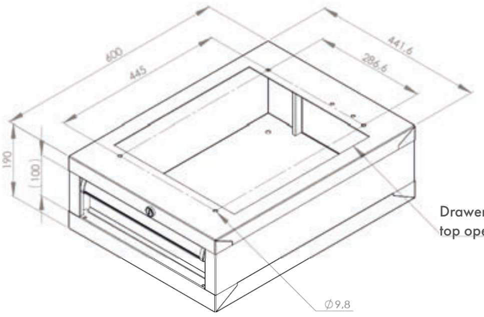


DRAWER CABINETS

Drawer cabinet SB190 with one drawer H=100 (RAL 7035)	Art. no.: 607055
Drawer cabinet SB190 ESD with one drawer H=100 (RAL 7037)	**Art. no.: 607056**



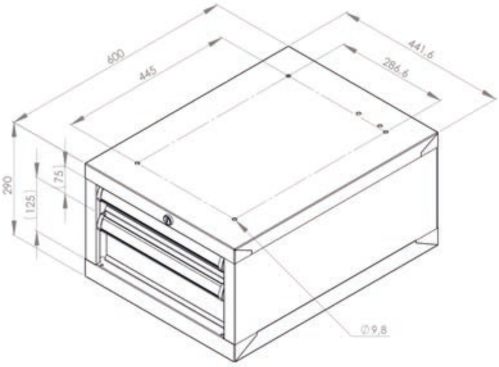
Dimensions:	442x600x190 mm
Load capacity	Drawer 70 kg, pull-out 88%, central locking system, drawer lock
Material:	powder-coated sheet steel
Colour:	powder-coating: light grey (RAL 7035) powder coating: dust grey (RAL 7037), conductive (ESD)



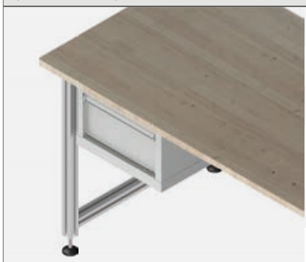
Drawer cabinet, top open

Drawer cabinet SB290 with two drawers H=75/125 (RAL 7035)	Art. no.: 607057
Drawer cabinet SB290 ESD with two drawers H=75/125 (RAL 7037)	**Art. no.: 607058**

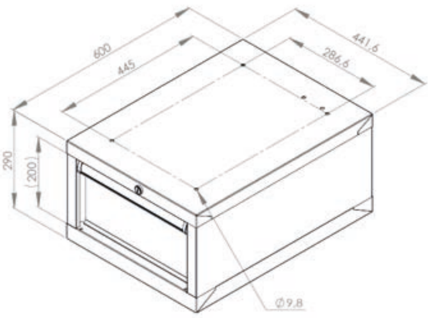
Dimensions:	442x600x290 mm
Load capacity	70 kg per drawer, pull-out 88%, central locking system, drawer lock
Material:	powder-coated sheet steel
Colour:	powder-coating: light grey (RAL 7035) powder coating: dust grey (RAL 7037), conductive (ESD)



Drawer cabinet SB290 with one drawer H=200 (RAL 7035)	Art. no.: 607080
Drawer cabinet SB290 ESD with one drawer H=200 (RAL 7037)	**On request**



Dimensions:	442x600x290 mm
Load capacity	70 kg per drawer, pull-out 88%, central locking system, drawer lock
Material:	powder-coated sheet steel
Colour:	powder-coating: Light grey (RAL 7035), powder coating: dust grey (RAL 7037), conductive (ESD) - (on request)



7

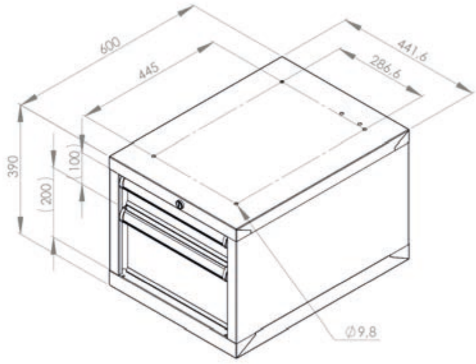
Drawer cabinet SB390 with two drawers H=100/200 (RAL 7035)	**Art. no.: 607059**
Drawer cabinet SB390 ESD with two drawers H=100/200 (RAL 7037)	**Art. no.: 607060**

Dimensions:
442x600x390 mm

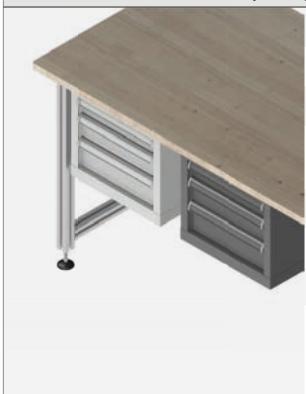
Load capacity
70 kg per drawer, pull-out 88%, central locking system, drawer lock

Material:
powder-coated sheet steel

Colour:
powder-coating: Light grey (RAL 7035),
powder coating: dust grey (RAL 7037),
conductive (ESD)



Drawer cabinet SB390 with three drawers H=75/100/125 (RAL 7035)	**Art. no.: 607061**
Drawer cabinet SB390 ESD with three drawers H=75/100/125 (RAL 7037)	**Art. no.: 607062**

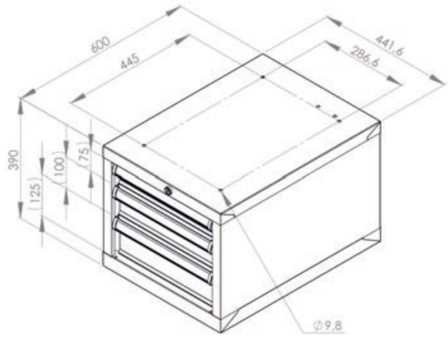


Dimensions:
442x600x390 mm

Load capacity
70 kg per drawer, pull-out 88%, central locking system, drawer lock

Material:
powder-coated sheet steel

Colour:
powder-coating: light grey (RAL 7035)
powder coating: dust grey (RAL 7037),
conductive (ESD)



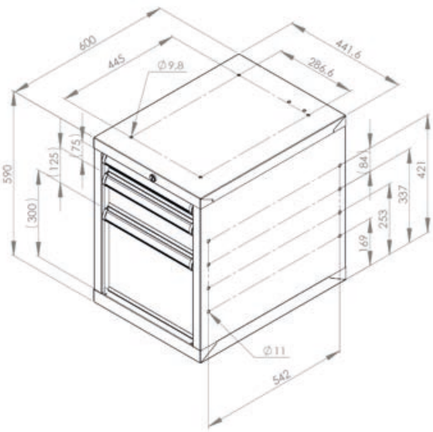
Drawer cabinet SB590 with three drawers H=75/125/300 (RAL 7035)	**Art. no.: 607064**
Drawer cabinet SB590 ESD with three drawers H=75/125/300 (RAL 7037)	**Art. no.: 607065**

Dimensions:
442x600x590 mm

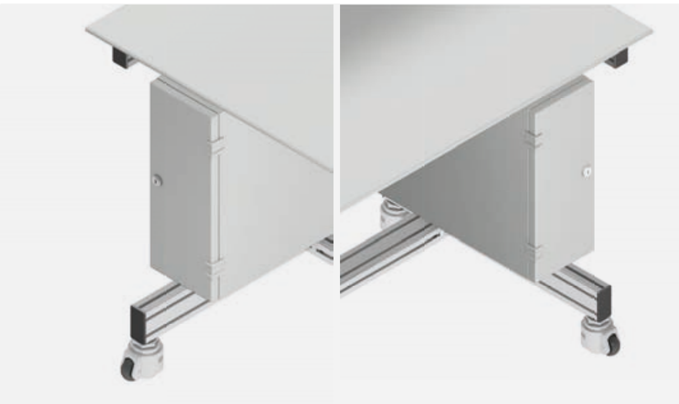
Load capacity
70 kg per drawer, pull-out 88%, central locking system, drawer lock

Material:
powder-coated sheet steel

Colour:
powder-coating: Light grey (RAL 7035),
powder coating: dust grey (RAL 7037),
conductive (ESD)



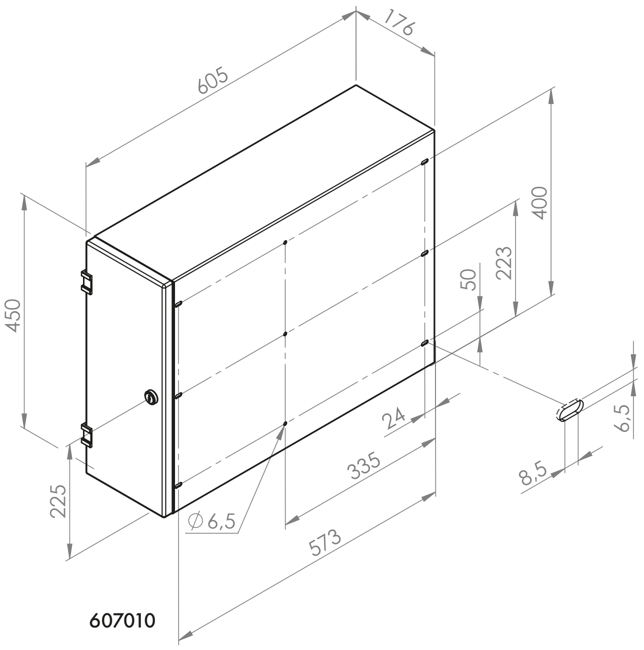
7



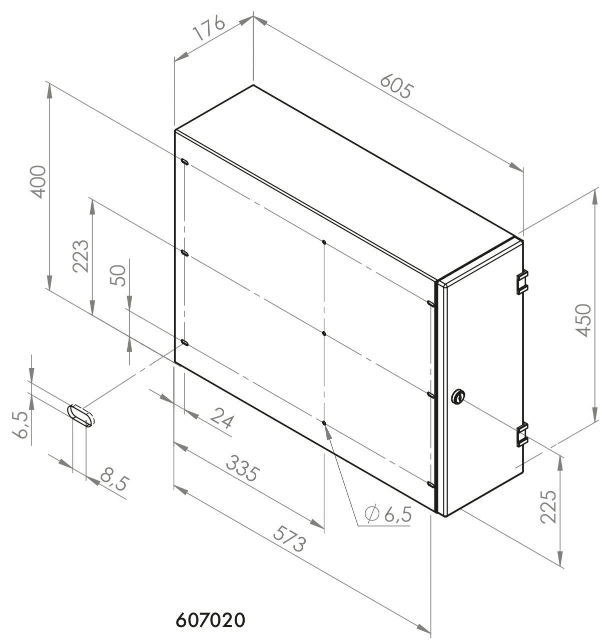
LOWER CABINETS

Body: Sheet steel, powder-coated, light grey RAL 7035

With lock and plastic container with pull-out



607010



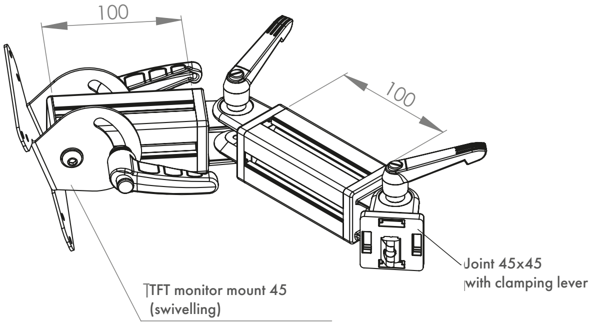
607020

Description	Length (mm)	Width (mm)	Height (mm)	Weight (mm)	Art. no.:
Left lower cabinet	605	176	450	9.8	**607010**
Right lower cabinet	605	176	450	9.8	**607020**

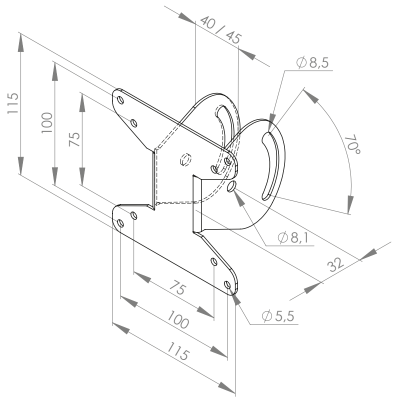
SWIVEL MOUNTS (MONITOR)

TFT monitor mount: stainless steel

Profile: anodised aluminium

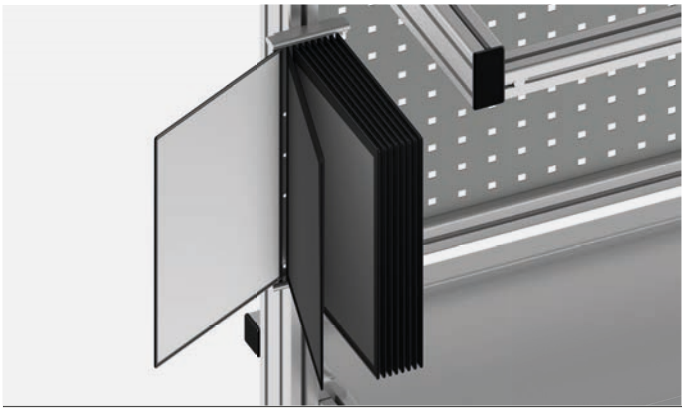


Description	Profile type	Swivel range	Version	Art. no.:
Swivel mount 70º, 75/100 ASK	45x45	70°	Fastening kit*	**613095**



Description	For profile type	Art. no.:
TFT monitor mount 40 - VESA holes 75/100	40x40	**99900329**
TFT monitor mount 45 - VESA holes 75/100	45x45	**99900836**

Fastening kit: *
1x TFT monitor mount 45 VESA holes (75/100), stainless steel
2x profiles 45x45L slot 10, L=100 mm
2x joints 45x45 with clamping lever
2x clamping levers M8x16 with release button
1x cover cap 45x45, PA, black
3x screws, pan head, ISO 7380, M8x20, St, zinc-plated
2x screws, pan head, ISO 7380, M8x20, stainless steel
2x washers, DIN 125 A, Ø8.4, A2
1x screw, cylinder head, DIN7984, M8x16, St, zinc-plated
2x heavy-duty T-slot nuts slot 10 M8, steel, zinc-plated
1x swivelling T-slot nut slot 10 M8 with spring sheet, St, zinc-plated



WALL ELEMENTS AND DISPLAY PANELS

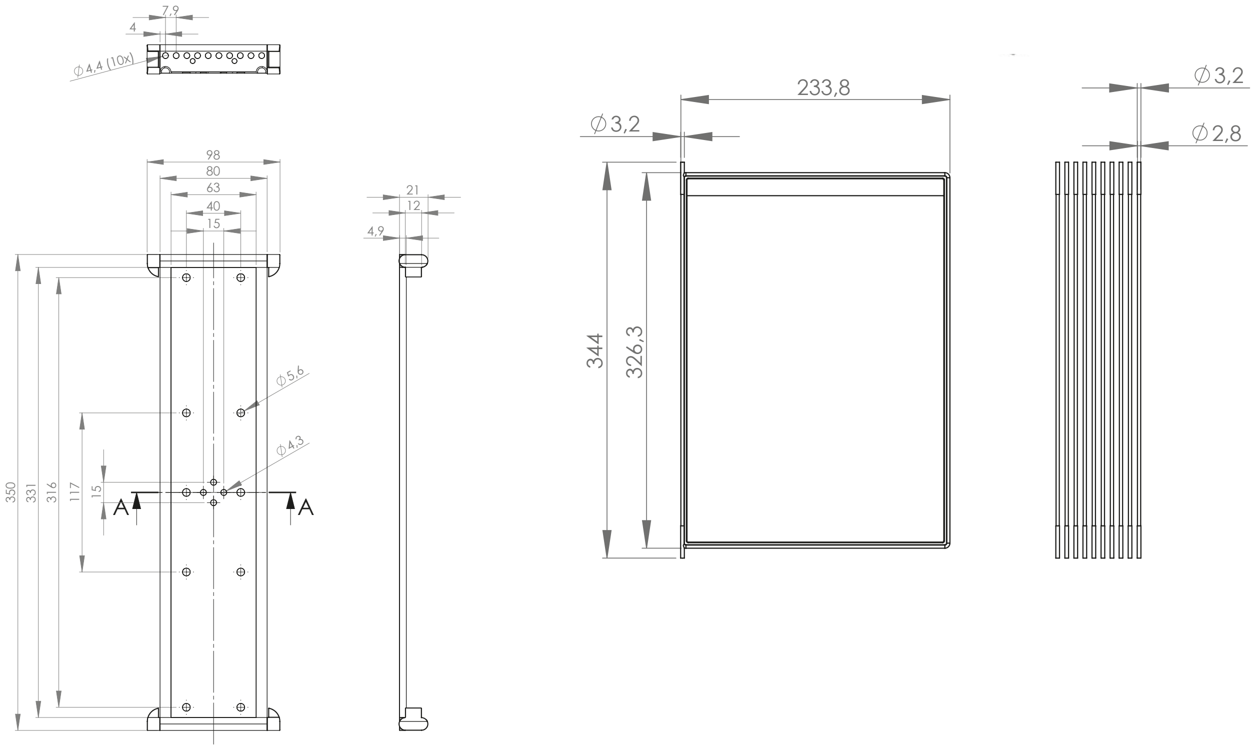
Wall element: powder-coated sheet steel

Film: granular PVC (transparent)

Film edge: coloured (see table)

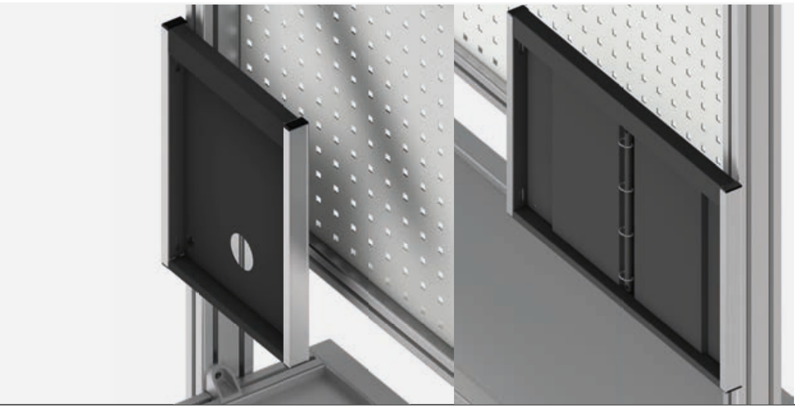
Wall element for attaching to a wall, aluminium profiles or similar

Display panels in a range of colours with pivots



Description	Colour	Number of display panels	Version	Art. no.:
Wall element for pivot information board DIN A4 with fastening kit	-		Fastening kit*	**616100**
Display panels				
Display panel DIN A4 grey with pivot set (10 pcs.)		10 pcs.	-	**616110**
Display panel DIN A4 blue with pivot set (10 pcs.)		10 pcs.	-	**616111**
Display panel DIN A4 white with pivot set (10 pcs.)		10 pcs.	-	**616112**
Display panel DIN A4 red with pivot set (10 pcs.)		10 pcs.	-	**616113**
Display panel DIN A4 yellow with pivot set (10 pcs.)		10 pcs.	-	**616114**
Display panel DIN A4 green with pivot set (10 pcs.)		10 pcs.	-	**616115**
Display panel DIN A4 black with pivot set (10 pcs.)		10 pcs.	-	**616117**
Display panel DIN A4 bordeaux with pivot set (10 pcs.)		10 pcs.	-	**616118**
Display panel DIN A4 with pivot set (10 pcs.) assorted		2 of each colour	-	**616119**

Fastening kit:*	
1x wall element, powder-coated sheet steel (light grey)	2x all-purpose universal dowel 5x25
4x side cover caps	2x screws, countersunk, cross-slot (3.5x25), zinc-plated
1x spacer (wall), PA	

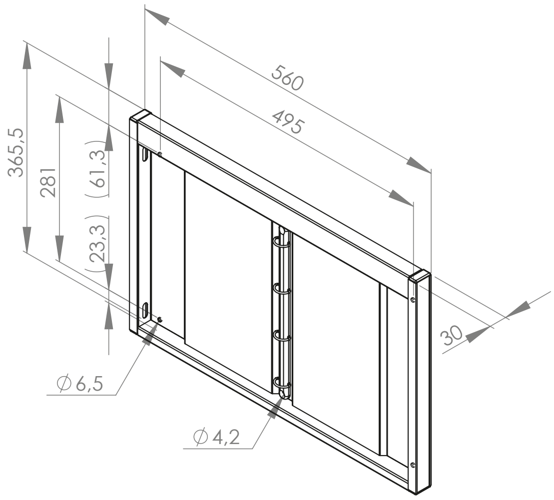


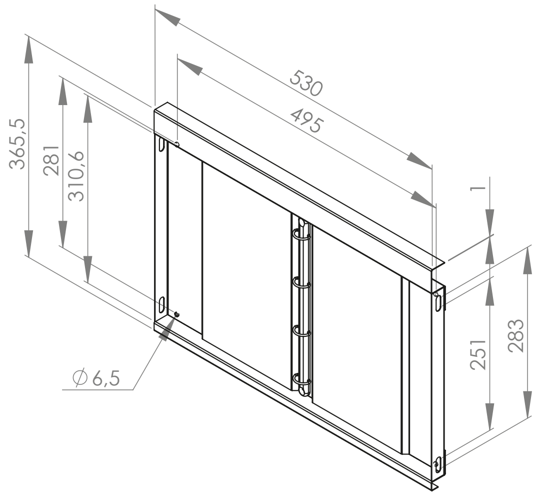
INFORMATION BOARDS

Board: powder-coated sheet steel

Frame: anodised aluminium

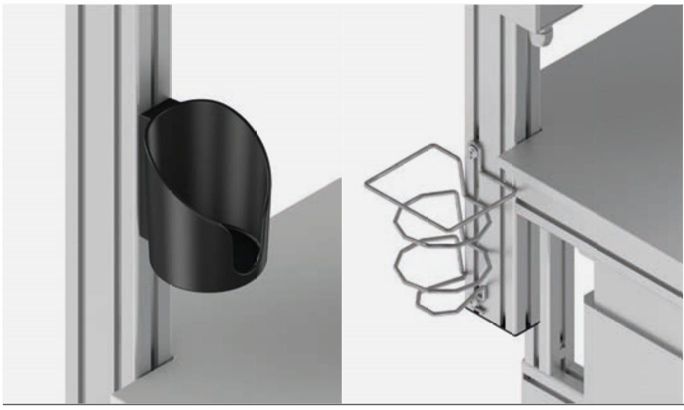
Transparent covers: granular PVC





Description	Format (DIN)	Includes	ESD	Art. no.:
Information board DIN A4 (1x)	A4 (1x)	With 2x transparent covers (PVC)	-	**616005**
Information board DIN A4 ESD (1x)	A4 (1x)	With 2x transparent covers (PVC)		**616006**
Information board 2x DIN A4 (2x)	A4 (2x)	With 2x transparent covers (PVC)	-	**616010**
Information board 2x DIN A4 ESD (2x)	A4 (2x)	With 2x transparent covers (PVC)		**616030**
Information board 2x DIN A4 ECO (2x)	A4 (2x)	With 2x transparent covers (PVC)	-	**616015**

Description	Format (DIN)	ESD	Art. no.:
Transparent cover DIN A4 reinforced	A4	-	**616020**
Transparent cover DIN A4 ESD	A4		**616025**

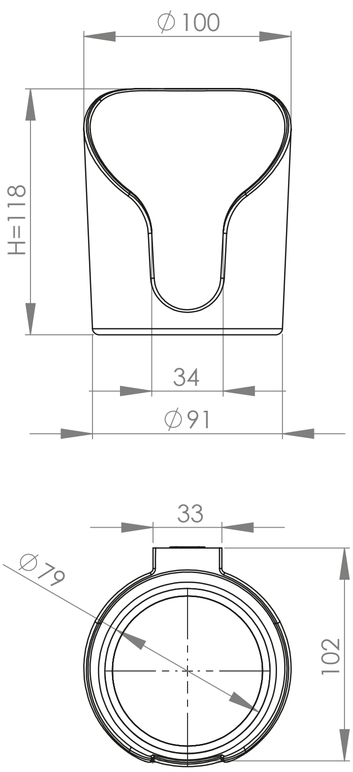


BOTTLE HOLDER

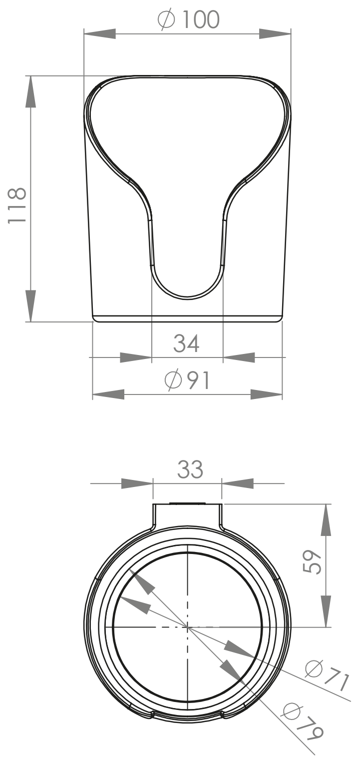
(610020 and 610030): PA plastic, black

(610040): stainless steel

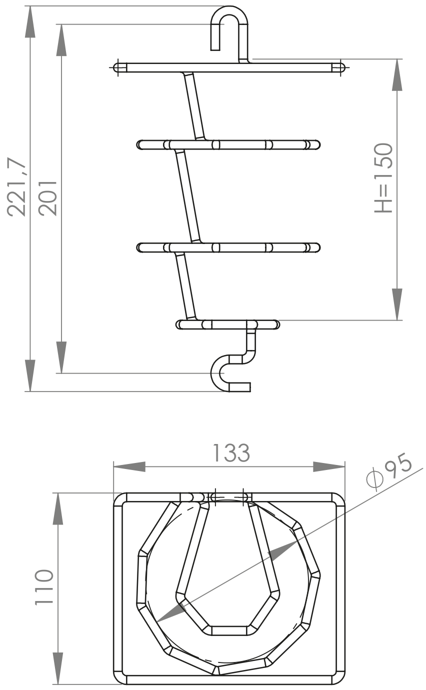
Workstation holder for bottles or cups



610020



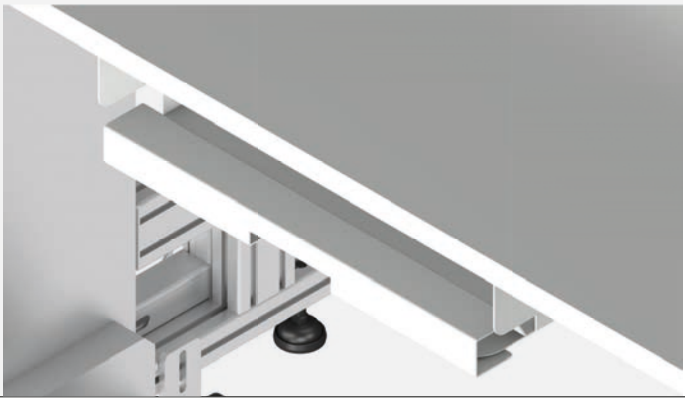
610030



610040

Description	Inside Ø (mm)	H (mm)	Version	Art. no.:
Bottle holder, black PA, closed base Ø inside= 79	79	118	Closed base	**610020**
Bottle holder, black PA, open base Ø inside= 79	79	118	Open base	**610030**

Description	Inside Ø (mm)	H (mm)	ESD	Art. no.:
Bottle holder (stainless steel)	95	150		**610040**



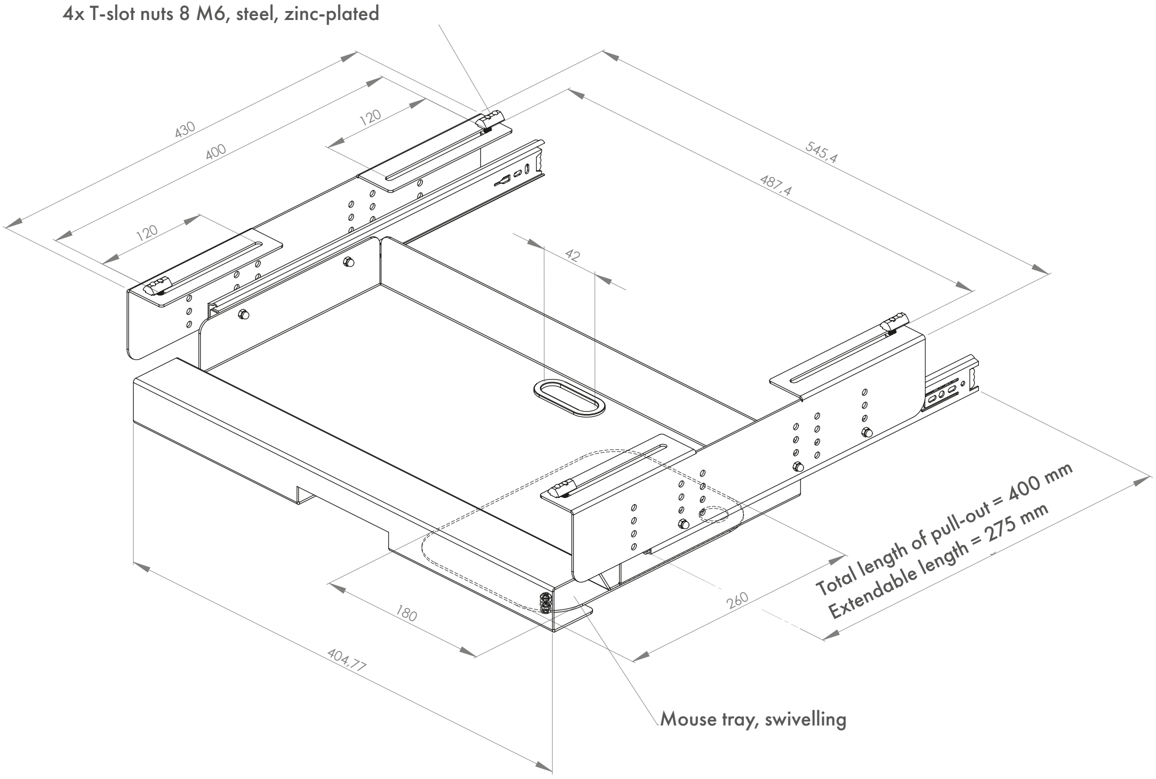
KEYBOARD DRAWER

Material:

Keyboard drawer: Steel, light grey powder-coated (ESD)

Fastening kit: steel, zinc-plated

-with adjustable bracket and extendable telescopic rails
- with cable bushing on the inside
- with swivelling mouse tray



Description	Dimensions (LxW/mm)	Pull-out	Version	ESD	Art. no.:
Keyboard drawer	545.4 x 430	Up to 275 mm	Fastening kit*		**613060**

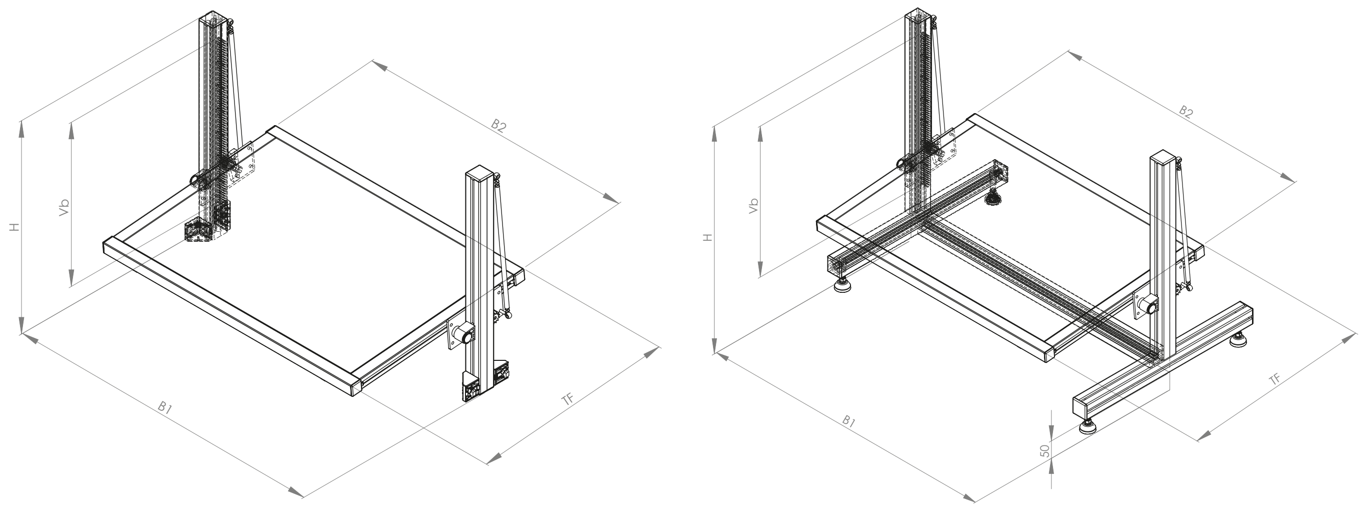
Fastening kit*
4x screws, pan head, M6x16, ISO 7380, steel, zinc-plated
4x washers, DIN 120, A 6.4; steel, zinc-plated
4x T-slot nuts 8 M6, steel, zinc-plated

FOOTRESTS

Material:

anodised aluminium frame (profile 45x45L slot 10)

Chipboard coated with conductive (ESD) rubber floor covering



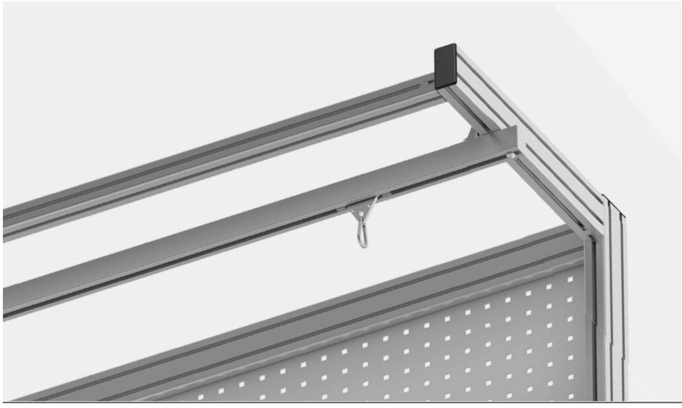
608020 | 608030

608040 | 608050

*** X = customer must enter desired dimensions**
Footrests with different height, width and depth measurements available on request.

Description	B1 (mm)	H (mm)	B2 (mm)	TF (mm)	Adjustment range (Vb) (mm)	ESD	Art. no.:
Footrests without support frame (w/o SF)							
Footrest, height-adjustable w/o SF TF=530 mm (base price)	x	560	B1-105	530	Approx. 0 - 420	-	**608020**
Footrest, height-adjustable ESD w/o SF TF=530 mm (base price)	x	560	B1-105	530	Approx. 0 - 420		**608030**

Description	B1 (mm)	H (mm)	B2 (mm)	TF (mm)	Adjustment range (Vb) (mm)	ESD	Art. no.:
Footrests with support frame (with SF)							
Footrest height-adjustable with SF TF= 530 mm (base price)	x	655	B1-105	530	Approx. 0 - 420	-	**608040**
Footrest height-adjustable ESD with SF TF=530 mm (base price)	x	655	B1-105	530	Approx. 0 - 420		**608050**



SCREWDRIVER SUSPENSION

Includes:

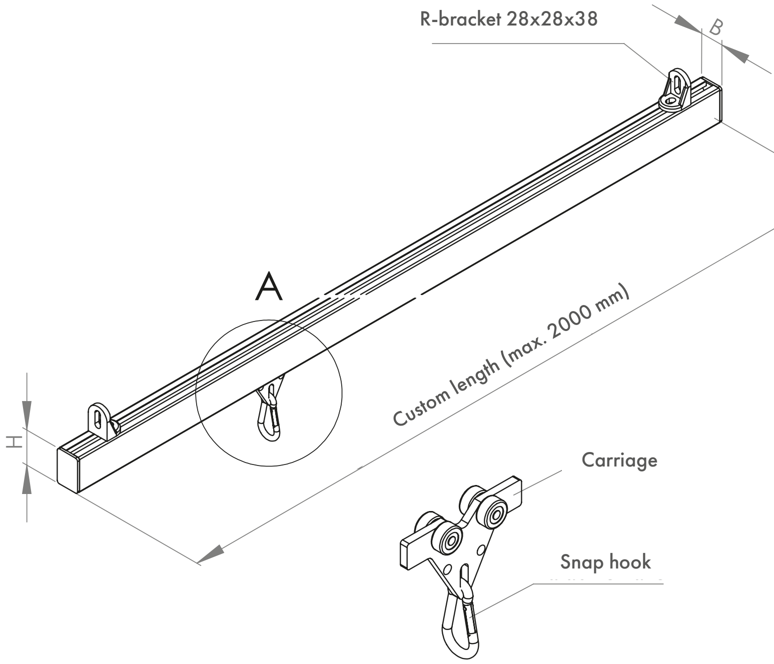
1x C-rail, anodised aluminium (L max. = 2000 mm) (customer specification)

2x end pieces 30x45 C ESD with fastener

1x carriage for C-rail (load capacity 200 N), 1x snap hook

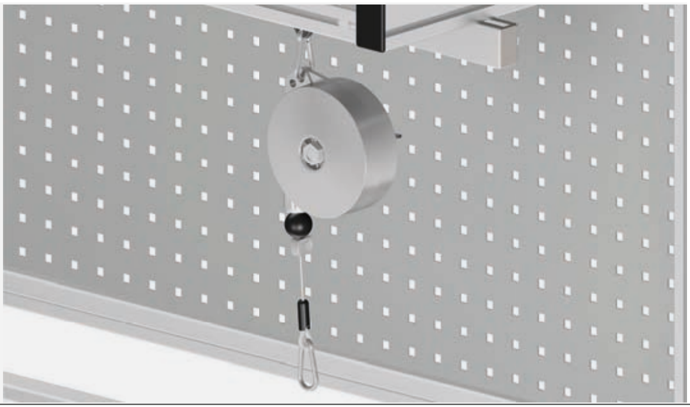
2x R-brackets 28x28x38, 4x hammer nuts slot 10 M8

4x screws, cylinder head, M8x16, 4x washers Ø8.4



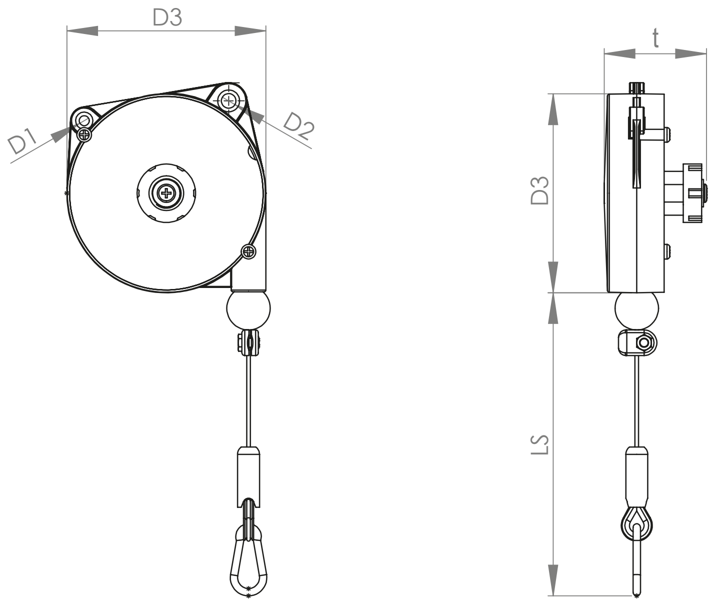
Description	Length (mm)	Width (mm)	Height (mm)	Art. no.:
Screwdriver suspension L max. = 2000 mm	Customer specification	30	45	**614010**

Accessories	Slot	Art. no.:
Tool glider, black PA	**Slot 8 / slot 10**	**614020**
Snap hook 6x60, Ø8-Ø18	-	**614030**



SPRING BALANCERS WITH ALUMINIUM OR PLASTIC HOUSINGS

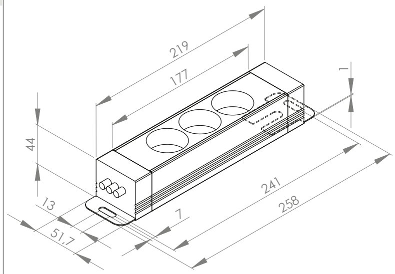
- Robust spring balancer housing made from aluminium / plastic
- Highly flexible stainless steel cable
- Precise cable guide made from anti-friction material
- High-precision trigger made in Germany
- Additional spring balancer safety suspension
- Adjustable upward stop
- Isolated snap hook mount



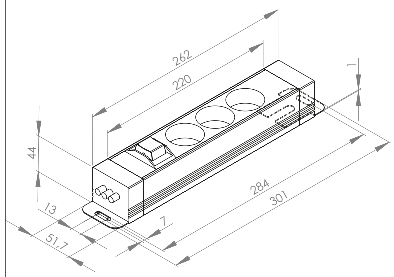
Description of spring balancer (aluminium)	D1 (mm)	D2 (mm)	D3 (mm)	t (mm)	Length of cable line (LS) (m)	Load capacity (kg)	Art. no.:
Aluminium spring balancer load capacity: 0.2 - 0.5 kg, cable extension: 1.6 m	Ø 5.5	Ø 8	Ø 109	56	1.6 m	0.2 - 0.5	**611005**
Aluminium spring balancer load capacity: 0.4 - 1 kg, cable extension: 1.6 m	Ø 5.5	Ø 8	Ø 109	56	1.6 m	0.4 - 1	**611010**
Aluminium spring balancer load capacity: 1 - 2 kg, cable extension: 1.6 m	Ø 9	Ø 9	Ø 145	88	1.6 m	1 - 2	**611020**
Aluminium spring balancer load capacity: 2 - 3 kg, cable extension: 1.6 m	Ø 9	Ø 9	Ø 145	88	1.6 m	2 - 3	**611023**
Aluminium spring balancer load capacity: 1 - 2.5 kg, cable extension: 2 m	Ø 9	Ø 9	Ø 145	88	2 m	1 - 2.5	**611026**
Aluminium spring balancer load capacity: 2 - 4 kg, cable extension: 2 m	Ø 9	Ø 9	Ø 145	88	2 m	2 - 4	**611030**
Aluminium spring balancer load capacity: 4 - 6 kg, cable extension: 2 m	Ø 9	Ø 9	Ø 145	88	2 m	4 - 6	**611040**
Aluminium spring balancer load capacity: 6 - 8 kg, cable extension: 2 m	Ø 9	Ø 9	Ø 145	88	2 m	6 - 8	**611050**
Aluminium spring balancer load capacity: 2 - 4 kg, cable extension: 2.5 m	Ø 9	Ø 9	Ø 180	92	2.5 m	2 - 4	**611060**
Aluminium spring balancer load capacity: 4 - 6 kg, cable extension: 2.5 m	Ø 9	Ø 9	Ø 180	92	2.5 m	4 - 6	**611070**
Aluminium spring balancer load capacity: 6 - 8 kg, cable extension: 2.5 m	Ø 9	Ø 9	Ø 180	92	2.5 m	6 - 8	**611080**
Aluminium spring balancer load capacity: 8 - 10 kg, cable extension: 2.5 m	Ø 9	Ø 9	Ø 180	92	2.5 m	8 - 10	**611090**
Aluminium spring balancer load capacity: 10 - 14 kg, cable extension: 2.5 m	Ø 9	Ø 9	Ø 180	92	2.5 m	10 - 14	**611100**

Spring balancer (plastic) description	D1 (mm)	D2 (mm)	D3 (mm)	t (mm)	Length of cable line (LS) (m)	Load capacity (kg)	Art. no.:
Plastic spring balancer load capacity: 0.2 - 0.5 kg, cable extension: 1.6 m	Ø 5.5	Ø 8	Ø 109	56	1.6 m	0.2 - 0.5	**611205**
Plastic spring balancer load capacity: 0.4 - 1 kg, cable extension: 1.6 m	Ø 5.5	Ø 8	Ø 109	56	1.6 m	0.4 - 1	**611210**
Plastic spring balancer load capacity: 1 - 2 kg, cable extension: 1.6 m	Ø 5.5	Ø 8	Ø 109	56	1.6 m	1 - 2	**611220**
Plastic spring balancer load capacity: 2 - 3 kg, cable extension: 1.6 m	Ø 5.5	Ø 8	Ø 109	56	1.6 m	2 - 3	**611223**

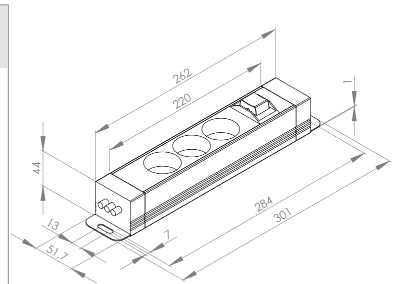
Aluminium power strip STL3 with 3 shockproof sockets	**Art. no.: 604005**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 3x sockets, 2-pin with protective ground contact; with child lock 16 A / 250 V~, IP20
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	Without switch
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips



Aluminium power strip STL3SE with 3 shockproof sockets	**Art. no.: 604022**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 3x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	1x switch illuminated in green, 2-pin, switches on sockets and current output Position in front of sockets and power outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips



Aluminium power strip STL3SEA with 3 shockproof sockets	**Art. no.: 604023**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 3x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	1x switch illuminated in green, 2-pin, only switches current output Position after sockets and in front of current outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips



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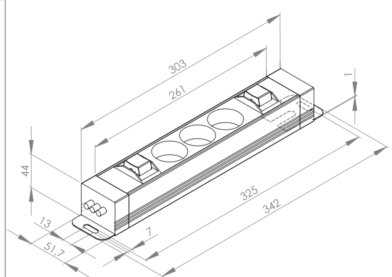
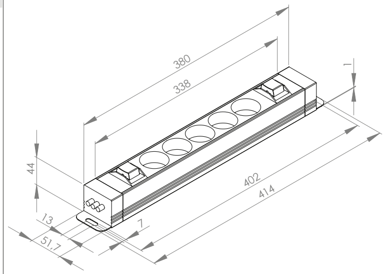
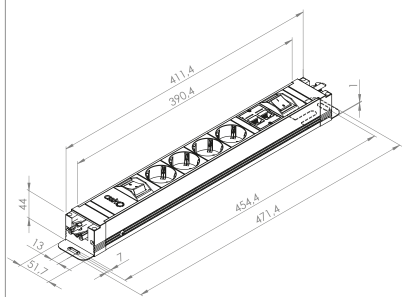
Aluminium power strip STL3SESA with 3 shockproof sockets	**Art. no.: 604031**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 3x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	1x switch illuminated in green, 2-pin, switches on sockets Position in front of sockets 1x switch illuminated in green, 2-pin, only switches current output Position after sockets and in front of current outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips



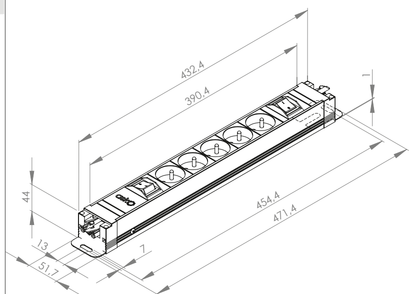
Aluminium power strip STL5SESA with 5 shockproof sockets	**Art. no.: 604042**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 5x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	1x switch illuminated in green, 2-pin, switches on sockets Position in front of sockets 1x switch illuminated in green, 2-pin, only switches current output Position after sockets and in front of current outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips



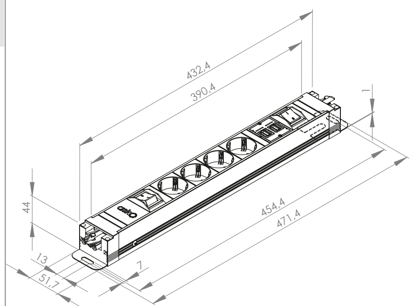
Aluminium power strip STL4SESA 2CAT 6A	**Art. no.: 604044**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 4x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook Keystone Module: 2x CAT6 coupling, shielded (Lan) Side 1: RJ45 coupling (Keystone) Side 2: RJ45 coupling
Switch:	1x switch illuminated in green, 2-pin, switches on sockets Position in front of sockets 1x switch illuminated in green, 2-pin, only switches current output Position after sockets and in front of current outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips

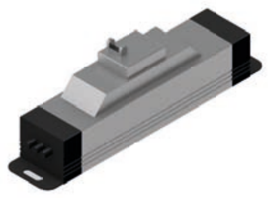


Aluminium power strip STL 5 SESA FR/SK/BE with centre protection	**Art. no.: 604045**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 5x sockets, 2-pin with protective ground contact and centre protection with child lock, 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	1x switch illuminated in green, 2-pin, switches on sockets Position in front of sockets 1x switch illuminated in green, 2-pin, only switches current output Position after sockets and in front of current outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips

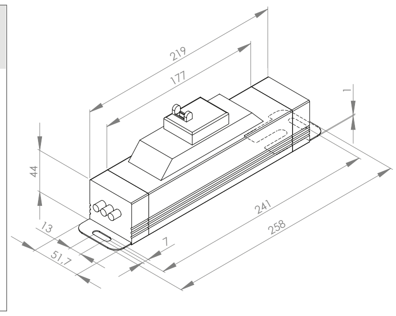


Aluminium power strip STL4SESA 2 USB	**Art. no.: 604046**
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 4x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20, Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook Keystone Module: 2x CAT6 coupling, shielded (Lan) Side 1: RJ45 coupling (Keystone) Side 2: RJ45 coupling
Switch:	1x switch illuminated in green, 2-pin, switches on sockets Position in front of sockets 1x switch illuminated in green, 2-pin, only switches current output Position after sockets and in front of current outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips

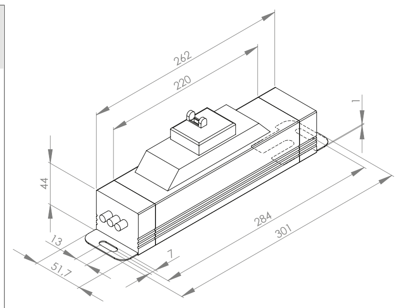




RCD circuit breaker module GST18 for power strip	Art. no.: 604024
RCD circuit breaker module:	Miniature circuit breaker switch, characteristic B Socket length: 220 mm, 16 A 2 pins
Connection:	Power plug: GST18 plug Current outlet GST18 socket
Switch	Without switch
Material	Housing: anodised aluminium Plastic insert: PA6, GF

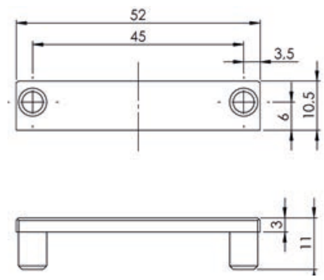


RCBO circuit breaker module GST18 for power strip	Art. no.: 604025
RCBO circuit breaker module:	RCBO combi, ABB DS201 C 16 A 30, RCBO switch 6kA 1P+N type: A, C16, 30 mA, characteristic: C Socket length: 220 mm, 16 A 2 pins
Connection:	power plug: GST 18 plug current outlet: GST 18 socket
Switch:	Without switch
Material:	Housing: anodised aluminium Plastic insert: PA6, GF

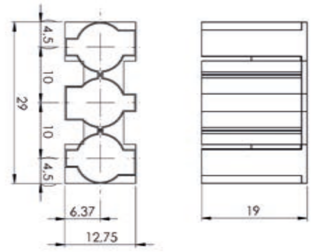


Power strip connector set	Art. no.: 604034
	For attaching to the STEP end caps
	For connecting two socket units
Includes:	4x screws (2.9 x 30 mm), steel, zinc-plated 2x cover strips, PA, black 1x connection cover, PA, black 1x end cap for current outlet, PA, black

Single cover strip	Art. no.: 604035



End cap GST18 power strip/workplace luminaires	Art. no.: 604036



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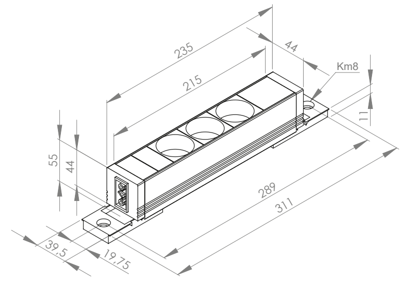
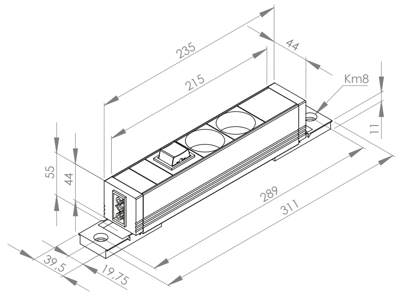
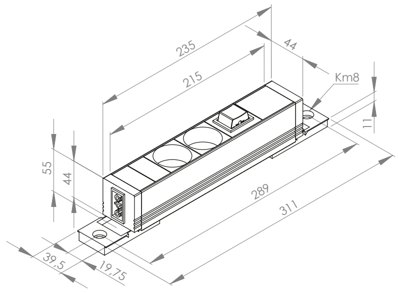
Power strip Al 44 mm 3S D	Art. no.: 604050
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 3x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	Without switch
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With fastening straps and cover strips



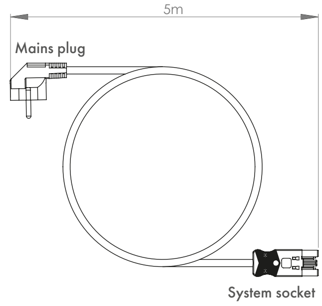
Power strip Al 44 mm L/2S D	Art. no.: 604052
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 2x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	1x switch illuminated in red, 2-pin, switches on sockets Position in front of sockets
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With plastic holder set



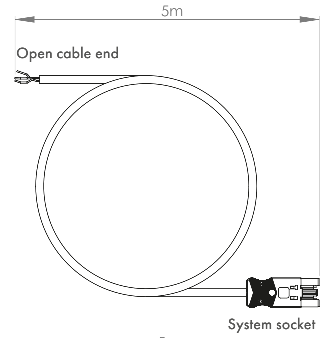
Power strip Al 44 mm 2S/H D	Art. no.: 604054
Sockets	In line with DIN 49 440, tested in line with: VDE 0620-1 2x sockets, 2-pin with protective ground contact, with child lock 16A / 250V~, IP20 Colour black, rotated by 35°
Connection:	Power plug: 1x plug GST18 SnapIn – with hook Current outlet: 1x coupling GST18 SnapIn – with hook
Switch:	1x switch illuminated in red, 2-pin, switches current outlet Position after sockets and in front of current outlet
Material:	Housing: anodised aluminium Plastic insert: PA6, GF
Includes:	With plastic holder set



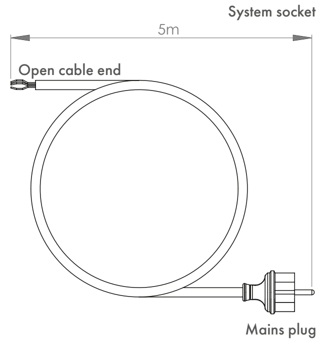
Connection cable S5M with Schuko plug	Art. no.: 605010
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	5 m
Colour:	Black
Connection:	System socket, GST18i3
	Mains plug, shockproof



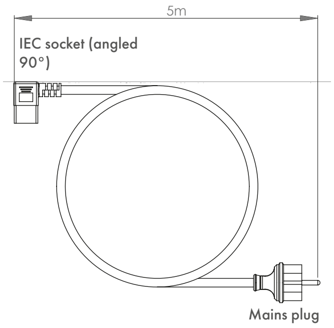
5-m connection cable with socket and open cable end	Art. no.: 605020
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	5 m
Colour:	Black
Connection:	System socket GST18i3
	Open cable end



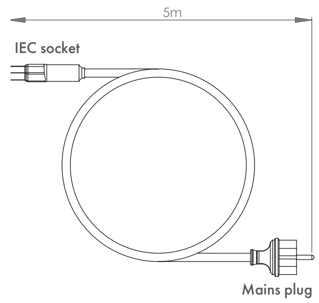
Power supply cable H07BQ-F 3G1.50 5 m orange 32/AEH	Art. no.: 605025
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	5 m
Colour:	Orange
Connection:	Mains plug (IP44)
	Open cable end



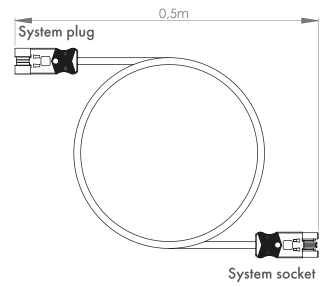
Power supply cable PUR HVVQ-F 3G1.0 5 m black 250 V	Art. no.: 605026
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	5 m
Colour:	Black
Connection:	Mains plug (IP44), IEC socket (angled 90°)



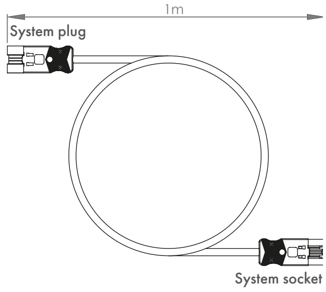
Power supply cable PUR H05BQ-F 3G1.0 5 m orange 250 V	Art. no. 605027
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	5 m
Colour:	Orange
Connection:	Mains plug (IP44), IEC socket



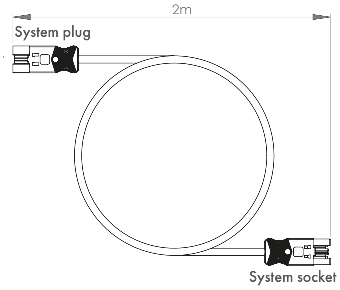
Connection cable ASK WS 0.5 m	Art. no.: 605055
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	0.5 m
Colour:	Black
Connection:	System plug GST18i3
	System socket GST18i3



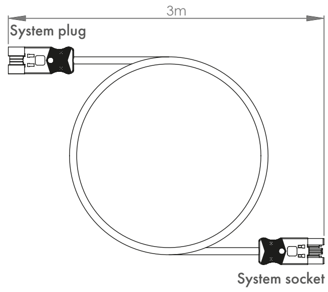
Connection cable ASK WS1M	Art. no.: 605050
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	1 m
Colour:	Black
Connection:	System plug GST18i3
	System socket GST18i3



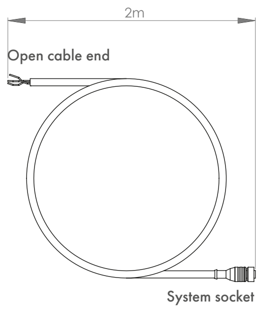
Connection cable ASK WS2M	Art. no.: 605040
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	2 m
Colour:	Black
Connection:	System plug GST18i3
	System socket GST18i3



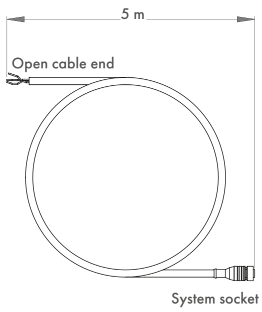
Connection cable ASK WS3M	Art. no.: 605030
Rated voltage:	250 V, conductor cross-section 1.5 mm²
Rated current:	16 A
Cable length:	3 m
Colour:	Black
Connection:	System plug GST18i3
	System socket GST18i3



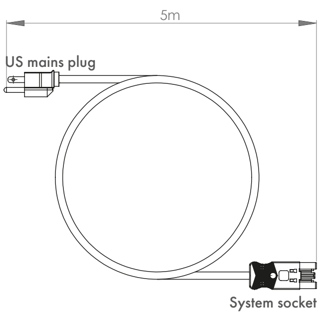
Connection cable ASK 24 V 2 m M12	Art. no.: 605070
Rated voltage:	60 V, conductor cross-section 1.5 mm²
Rated current:	4 A
Cable length:	2 m
Colour:	Orange
Connection:	M12 socket (straight), open cable end



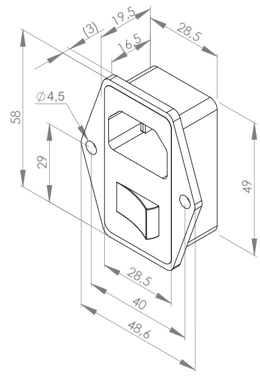
Connection cable ASK 24 V 5 m M12	Art. no.: 605080
Rated voltage:	60 V, conductor cross-section 1.5 mm²
Rated current:	4 A
Cable length:	5 m
Colour:	Orange
Connection:	M12 socket (straight), open cable end



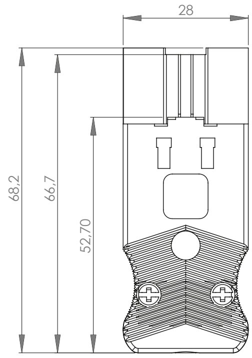
US power cord, 5 m with system socket	Art. no.: 605090
Rated voltage:	110 V, conductor cross-section 1.5 mm²
Rated current:	4 A
Cable length:	5 m
Colour:	Black
Connection:	Mains plug US
	System socket GST18i3

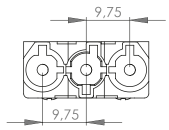


Built-in IEC socket with switch and fuse holder	Art. no.: 605028
Rated voltage:	250 V AC, Conductor cross section 1,5mm²
Continuous current:	10 A
Number of pins:	2 + PE
Dimensions (built-in:)	28.5

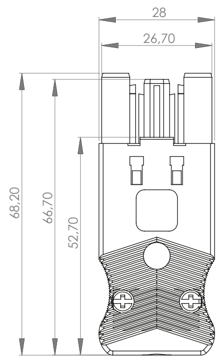


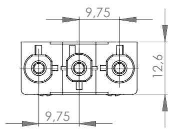
System plug with spring-cage connection - (for cable assembly)	Art. no.: 605061
Rated voltage:	250 V AC
Rated current:	16 A (up to 1.5 mm²) / 20 A (2.5 mm²)
Connection:	System plug (male)
Tested in line with standard:	EN 60320 (16-A appliance coupler)
	EN 61535 (20-A installation plug connector)
Colour:	Black
Protection class:	IP 20



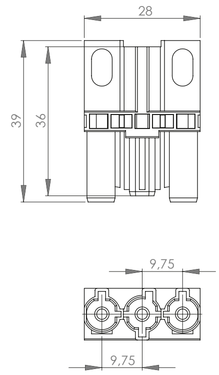


System socket with spring-cage connection - (for cable assembly)	Art. no.: 605062
Rated voltage:	250 V AC
	16 A (up to 1.5 mm²) / 20 A (2.5 mm²)
Connection:	System plug (male)
Tested in line with standard:	EN 60320 (16-A appliance coupler)
	EN 61535 (20-A installation plug connector)
Colour:	Black
Protection class:	IP 20

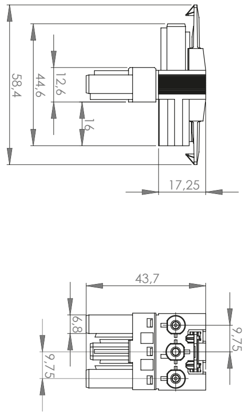




Intermediate coupling for plug-in system	Art. no.: 605060
Rated voltage:	250 V
Rated current:	16 A
Connection:	1x system socket GST18i3
	1x system plug GST18i3
Colour:	Black
Protection class:	IP 20



T-distributor for plug-in system T-I3	Art. no.: 605063
Rated voltage:	250 V
Rated current:	16 A
Connection:	System Plug (male)
Colour:	Black
Protection class:	IP 20



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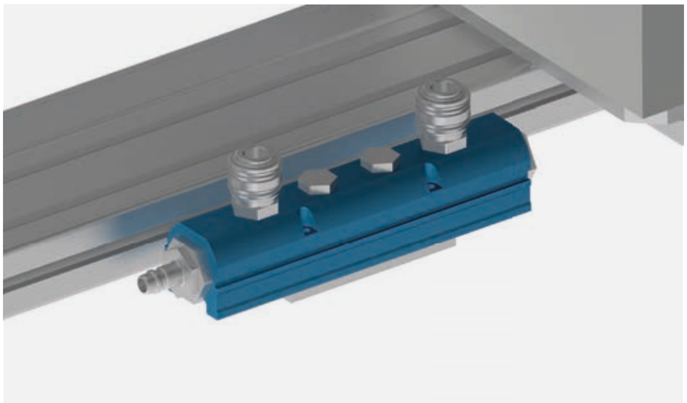
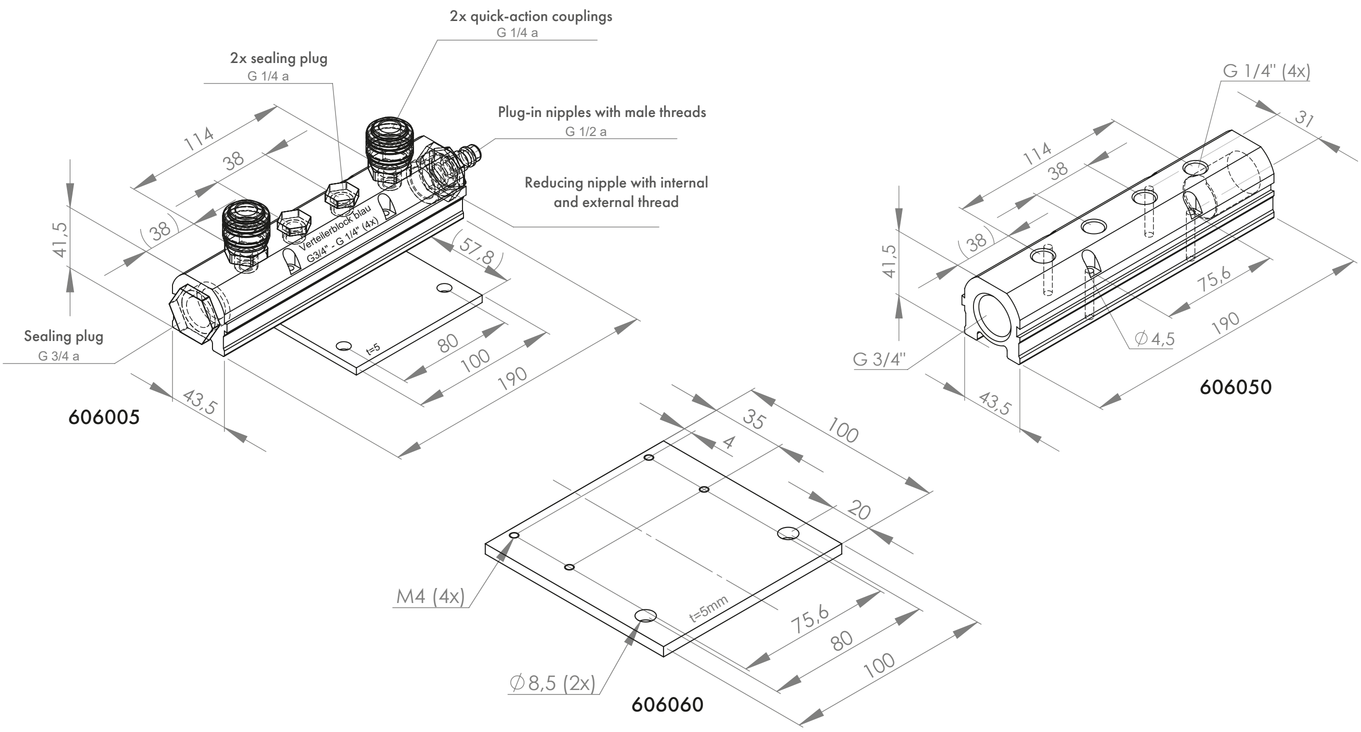


AIR BARS

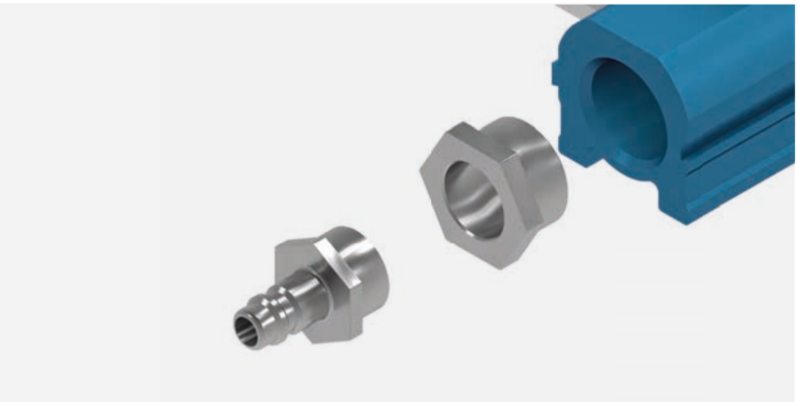
Air bar / distributor block: blue anodised aluminium



Description	L (mm)	B (mm)	Operating pressure	Version	Art. no.:
Air bar LL4 set	190 mm	43.5	Max. 8 bar	Fastening kit*	**606005**
Distributor block, blue, G3/4" - G1/4" thread (4x)	190 mm	43.5	Max. 8 bar	-	**606050**

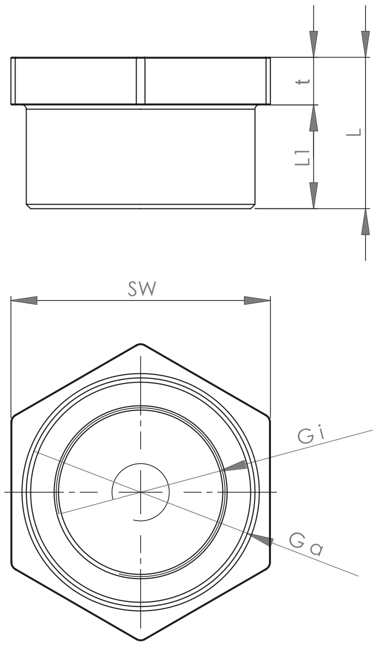
Description	L (mm)	B (mm)	t (mm)	M	D	Art. no.:
Aluminium mounting plate for air bar	100	100	5	M4 (4x)	Ø8.5 (2x)	**606060**

Fastening kit: *
1x distributor block G3/4" - G1/4" (4x), blue anodised
1x aluminium mounting plate for air bar
2x quick-action coupling G 1/4 a thread, CuZn
1x plug-in nipple with external thread G 1/2 a, CuZn
1x seal, PVC 1/2"
2x seals, PVC 3/4"
4x seals, PVC 1/4"
2x sealing plugs G 1/4 a, CuZn
1x sealing plugs G 3/4 a, CuZn
1x reducing nipple with internal and external thread G1/2 i - G3/4 a, CuZn

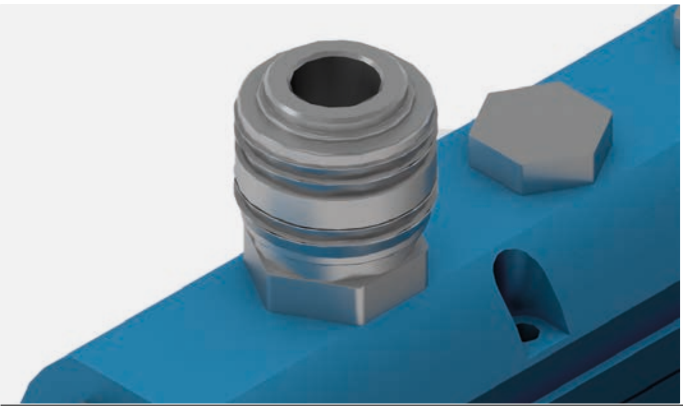


REDUCING NIPPLE DN 7.2

Material: Nickel-plated brass

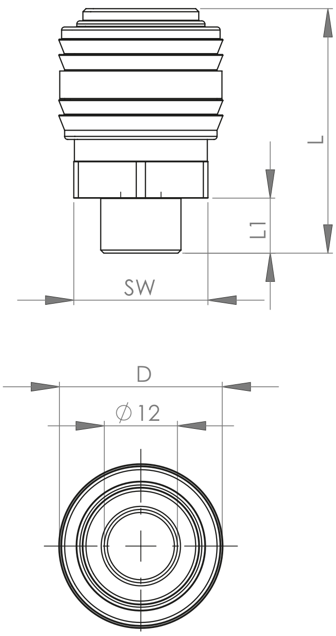


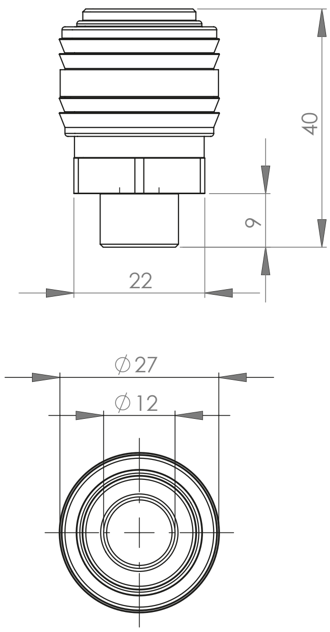
Description	L (mm)	L1 (mm)	t (mm)	Internal thread (G i) (mm)	External thread (G a) (mm)	SW (mm)	Art. no.:
Reducing nipple with internal and external thread G 1/2 i - G 3/4 a	17.5	12	5.5	G 1/2"	G 3/4"	30	**606150**
Reducing nipple with internal and external thread G 1/4 i - G 3/4 a	17.5	12	5.5	G 1/4"	G 3/4"	30	**606151**
Reducing nipple with internal and external thread G 1/4 i - G 1/2 a	17.5	6	5.5	G 1/4"	G 1/2"	24	**606155**
Reducing nipple with internal and external thread G 1/8 i - G 1/4 a	13	8	4	G 1/8"	G 1/4"	17	**606160**
Reducing nipple with internal and external thread G 3/8 i - G 1/2 a	15.5	10	5.5	G 3/8"	G 1/2"	24	**606156**



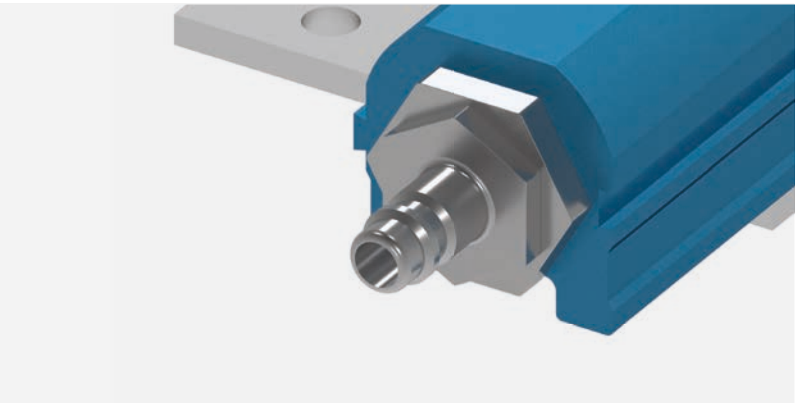
QUICK-ACTION COUPLINGS DN 7.2

Material: Nickel-plated brass



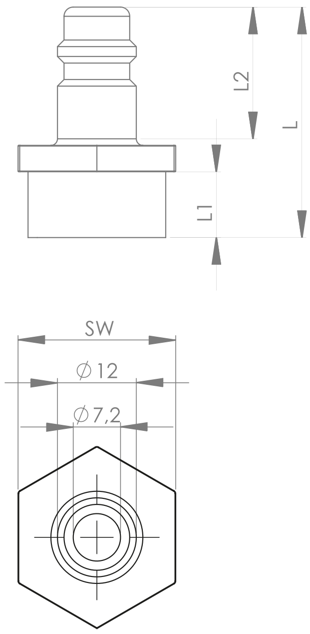


Description	L (mm)	L1 (mm)	D (mm)	Thread connection (mm)	SW (mm)	Art. no.:
Quick-action coupling G 1/4 a	40	9	Ø 27	G 1/4"	22	**606100**
Quick-action coupling G 3/8 a	41	9	Ø 27	G 3/8"	22	**606105**
Quick-action coupling G 1/2 a	41	10	Ø 27	G 1/2"	24	**606110**

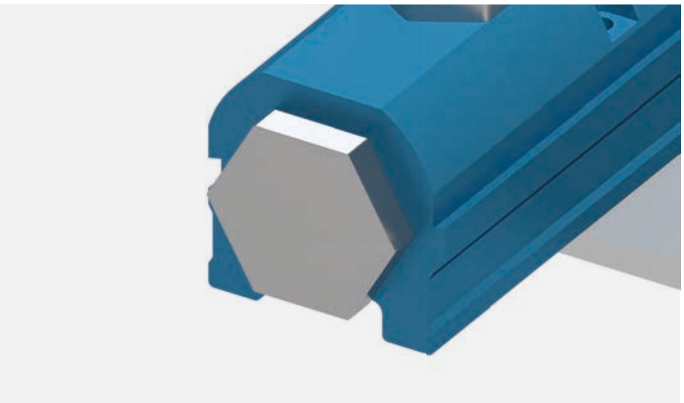


PLUG-IN NIPPLE DN 7.2

Material: Nickel-plated brass



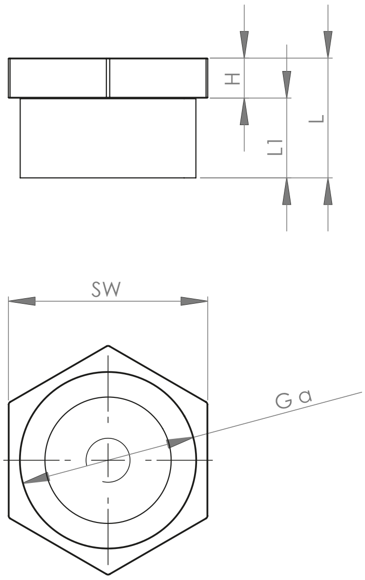
Description	L (mm)	L1 (mm)	L2 (mm)	Thread connection (mm)	SW (mm)	Art. no.:
Plug-in nipple with external thread G 1/4 a	33	9	20	G 1/4"	17	**606120**
Plug-in nipple with external thread G 3/8 a	33	9	20	G 3/8"	19	**606125**
Plug-in nipple with external thread G 1/2 a	35	10	20	G 1/2"	24	**606130**

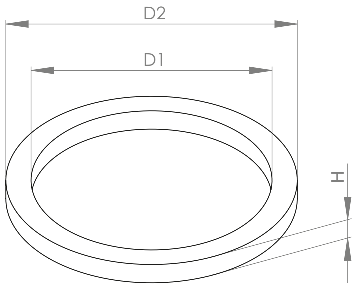


SEALING PLUGS AND SEALS

Plug: Nickel-plated brass

Seals: PVC





Description	L (mm)	L1 (mm)	H (mm)	Thread connection (mm)	SW (mm)	Art. no.:
Sealing plug G 1/4 a	13	8	5	G 1/4 a	17	**606182**

Description	D (mm)	D1 (mm)	H (mm)	Thread connection (mm)	-	Art. no.:
Seal, PVC 1/8"	13	10	1.5	G 1/8 a	-	**606195**
Seal, PVC 1/4"	16.4	13.3	2	G 1/4 a	-	**606200**
Seal, PVC 3/8"	21.5	16.7	2	G 3/8 a	-	**606205**
Seal, PVC 1/2"	26	21.5	2	G 1/2 a	-	**606210**
Seal, PVC 3/4"	31.4	26.5	2	G 3/4 a	-	**606215**
Seal, PVC 1"	40	33.5	2	G 1 a	-	**606220**

MATERIAL CART AND MATERIAL LEVELS (BASIC)

Material:

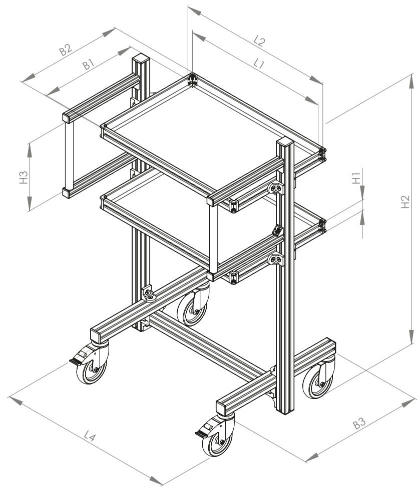
Cart frame material: profile 45x45L slot 10, anodised aluminium; (p. 166)

Material level frame: frame profile 22.5x45 slot 10, anodised aluminium; (p .145)

Material level corner piece: PA plastic, black; (p. 143)

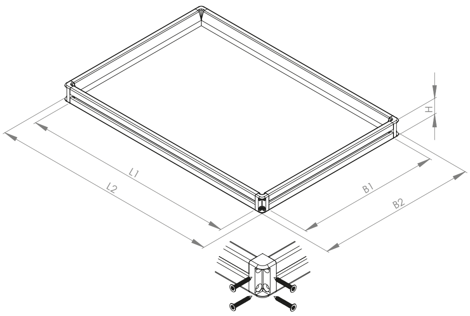
Material level panel: High-density fibreboard (HDF panel); t=5 mm

Swivel castor Ø125 with back hole Ø13: 2 pcs. unbraked, 2pcs. with cpl. locking device



Description	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	B1 (mm)	B2 (mm)	B3 (mm)	H1 (mm)	H2 (mm)	H2 (mm)	Levels	ESD	Art. no.:
Material cart Basic with 1 level	610	655	-	745	410	455	540	45	1000	285	1 level	-	**613010**
Material cart Basic with 2 levels	610	655	-	745	410	455	540	45	1200	285	2 levels	-	**613020**
Material cart Basic custom	X	L1 + 45	-	L1 + 135	X	B1 + 45	B1 + 130	45	X	285	Specify quantity	Specify version	**On request**

7



Description	L1 (mm)	L2 (mm)	L3 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	ESD	Art. no.:
Material level Basic	610	655	-	410	455	45	-	**613000**
Material level Basic ESD	610	655	-	410	455	45		**613001**
Material level Custom	X	L1 + 45	-	X	B1 + 45	45	-	**On request**

*** X = customer must enter desired dimensions**

MATERIAL CART AND MATERIAL LEVELS (ECONOMIC)

Material:

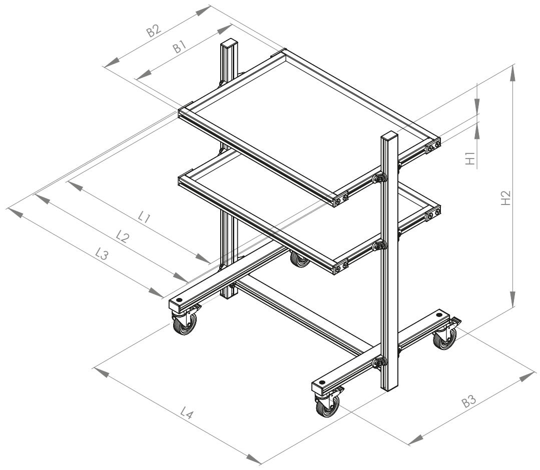
Cart frame material: profile 30x45 slot 10, anodised aluminium; (p. 147)

Material level frame: profile 22.5x30 slot 10, anodised aluminium; (p. 143)

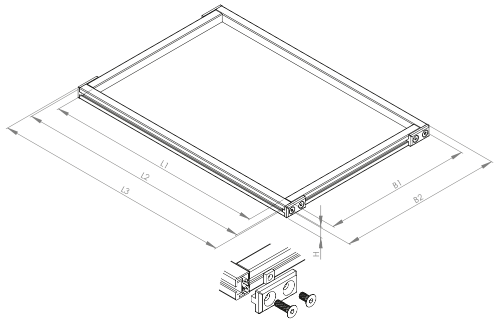
Material level corner piece: PA plastic, black; (p. 143)

Material level panel: high-density fibreboard (HDF panel)

Swivel castor Ø75 with back hole Ø11: 4 pcs. with cpl. locking device



Description	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	B1 (mm)	B2 (mm)	B3 (mm)	H1 (mm)	H2 (mm)	Levels	ESD	Art. no.:
Material cart Economic with 1 level	610	655	671	715	410	455	540	30	1000	1 level	-	**613005**
Material cart Economic with 2 levels	610	655	671	715	410	455	540	30	1000	2 levels	-	**613006**
Material cart Economic with 2 levels ESD	610	655	671	715	410	455	540	30	1000	2 levels		**613006 ESD**
Material cart Economic, custom	X	L1 + 45	L1 + 61	L1 + 105	X	B1 + 45	B1 + 130	30	X	Specify quantity	Specify version	**On request**



Description	L1 (mm)	L2 (mm)	L3 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	ESD	Art. no.:
Material level Economic	610	655	671	410	455	30	-	**613002**
Material level Economic ESD	610	655	671	410	455	30		**613003**
Material level Custom	X	L1 + 45	L1 + 61	X	B1 + 45	30	-	**On request**

*** X = customer must enter desired dimensions**

LED system tasklight in 6 different lengths
Available in lengths from 300 mm to 1735 mm

Plug and socket for cables with system plugs. Also suitable for use as an extension in systems with multiple luminaires. Microprismatic disc and diffuser film for even illumination of work surface

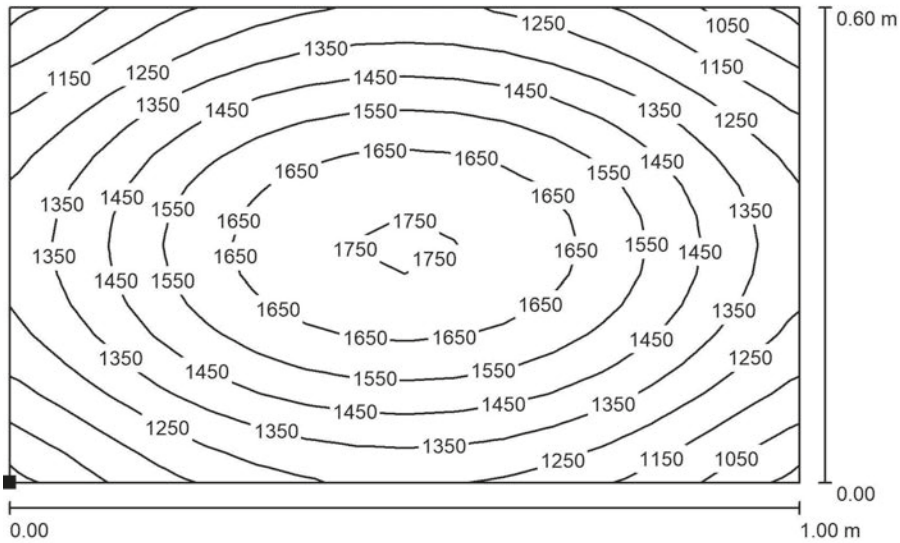
ERGONOMIC QUALITY OF WORKSTATIONS

The ergonomic quality of industrial workplaces depends, among other things, on whether visual tasks can be performed easily. Demographic change can also present companies with new challenges in this respect. For example, a 60-year-old employee has double the lighting needs of a 20-year-old colleague.

The new ASK LED system tasklights are the ideal solution for all requirements and can be individually adapted to suit personal lighting needs. The LED system tasklights are available in 6 different lengths. Almost every length is available in four different versions
(230 V; 230 V dimmable; 100-277 V (US) & 24 V DC)
The right light for everyone!

EXAMPLE: COMBINATION OF DIFFERENT LED SYSTEM TASKLIGHTS TO CREATE A HIGHLY EFFECTIVE LIGHTING SYSTEM

Illumination level 1x LED-AL40S/US/24 VDC (Example)			
Table top size	**Distance**	**E mean (lux)**	**E max (lux)**
600 x 1000 mm	1000 mm	1550 lx	1750 lx



GOOD WORKPLACE LIGHTING IS WORTHWHILE – BENEFITS OF LED SYSTEM TASKLIGHTS IN THE WORKPLACE

Productivity	Safety	Health	Energy-saving and sustainable	Design
Good illumination improves productivity by up to 40%	Appropriate lighting can reduce the incidenceof accidents by up to 2/3.	Individually adjusted lighting significantly reduces workforce absences	Up to 75% lower power consumption and up to 20% more light than T5 lamps	Compact construction
			LED lamp lifetime of up to 50,000 hours	Also available in 6500-K version (CRI~85) on request

M12 plug; 5-pin
in 24-V version.

On/off switch and continuous fastening slot in compact aluminium housing with practical mounting slot.

Variety of attachment and combination options

TABLE OF ILLUMINANCE LEVELS

**All values determined using a 1000 x 600-mm illuminated area without any influence of ambient light.

Illumination level LED-AL 10S/D/US/24 VDC/ECO			
Distance	**E mean (lux)**	**E max (lux)**	**Lux values**
750 mm	650 lx	1100 lx	The lux value factor of ECO luminaires is **0.87** (approx. 10% less output)
1000 mm	510 lx	630 lx	
1250 mm	340 lx	400 lx	The lux value factor of 24-DC luminaires is **0.93** (approx. 5% less output)
1500 mm	240 lx	280 lx	

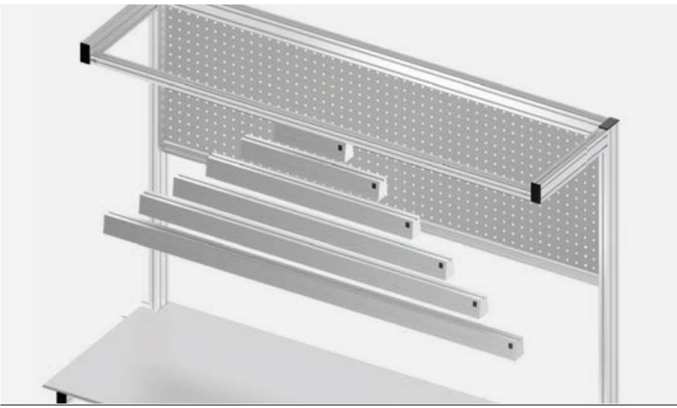
Illumination level LED-AL 20S/D/US/24 VDC/ECO			
Distance	**E mean (lux)**	**E max (lux)**	**Lux values**
750 mm	1400 lx	1980 lx	The lux value factor of ECO luminaires is **0.82** (approx. 15% less output)
1000 mm	900 lx	1100 lx	
1250 mm	625 lx	700 lx	
1500 mm	440 lx	510 lx	

Illumination level LED-AL 30S/D/US/24 VDC/ECO			
Distance	**E mean (lux)**	**E max (lux)**	**Lux values**
750 mm	2000 lx	2500 lx	The lux value factor of ECO luminaires is **0.82** (approx. 15% less output)
1000 mm	1200 lx	1450 lx	
1250 mm	850 lx	1050 lx	
1500 mm	640 lx	720 lx	

Illumination level LED-AL 40S/D/US/24 VDC			
Distance	**E mean (lux)**	**E max (lux)**	**Lux values**
750 mm	2250 lx	2800 lx	
1000 mm	1450 lx	1750 lx	
1250 mm	1100 lx	1280 lx	
1500 mm	825 lx	900 lx	

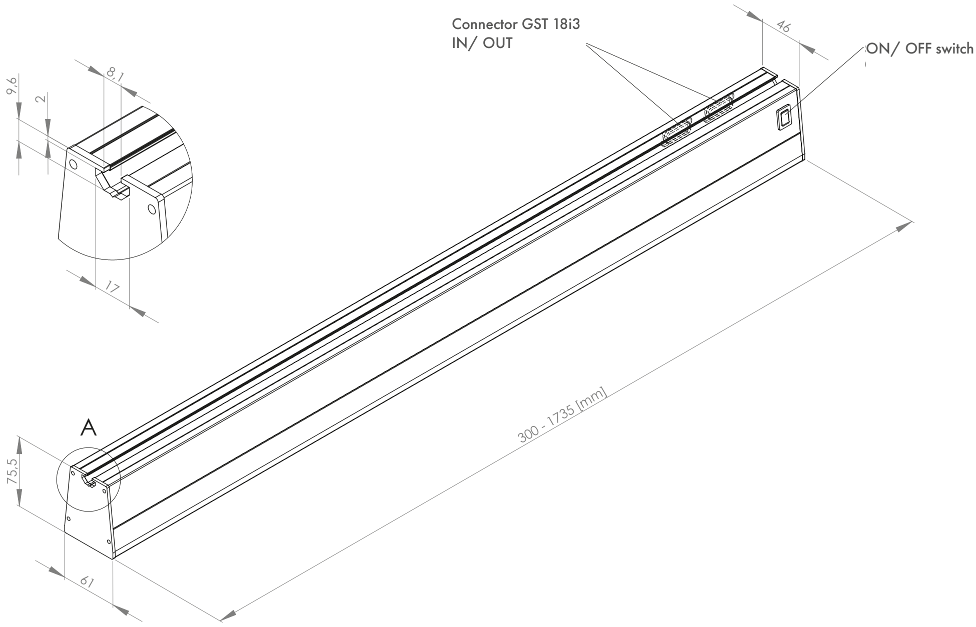
Illumination level LED-AL 50S/D/US/24 VDC			
Distance	**E mean (lux)**	**E max (lux)**	**Lux values**
750 mm	2300 lx	2900 lx	
1000 mm	1650 lx	1900 lx	
1250 mm	1250 lx	1440 lx	
1500 mm	950 lx	1050 lx	

Illumination level LED AL 60S/D/US/24 VDC			
Distance	**E mean (lux)**	**E max (lux)**	**Lux values**
750 mm	2350 lx	2900 lx	
1000 mm	1700 lx	2100 lx	
1250 mm	1350 lx	1520 lx	
1500 mm	1050 lx	1150 lx	



LED SYSTEM TASKLIGHTS S (5000 K / 6500 K)

Powerful LED system tasklights for illuminating
e.g. industrial workstations



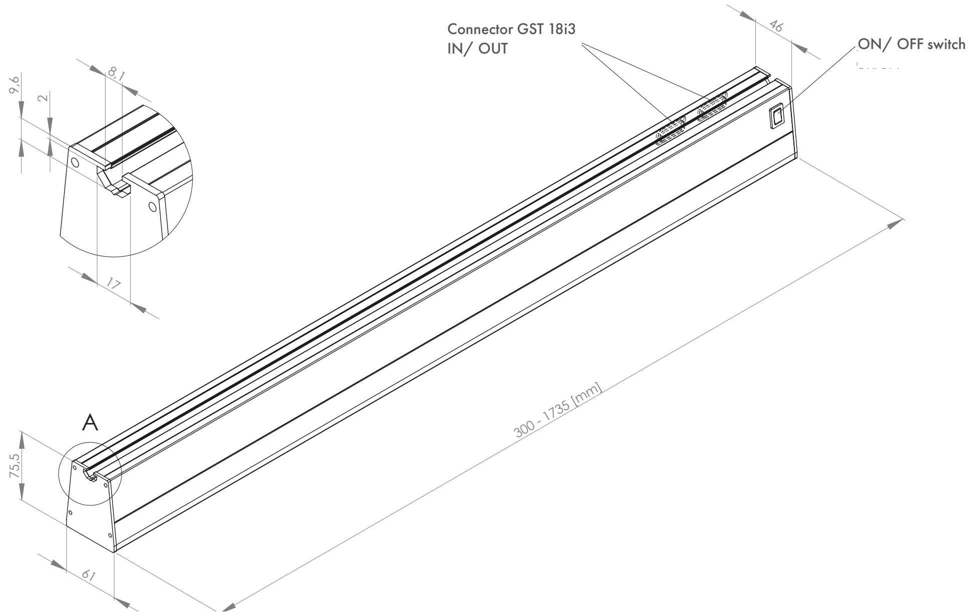
Description	Length	Light colour	Colour code	Module	LED power	Power consumption	Connection voltage	Connection	CRI:	Safety class	Art. no.:
System tasklight LED-AL10S (1x 8 W) 5000 K	300 mm	5000 K	850	1x 280	7.8 W	Approx. 9.7 W / 0.042 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603119**
System tasklight LED-AL10S (1x 8 W) 6500 K	300 mm	6500 K	865	1x 280	7.8 W	Approx. 9.7 W / 0.042 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603155**
System tasklight LED-AL14S (1x 11.8 W) 5000 K	300 mm	5000 K	850	1x 280	11.3 W	Approx. 12.7 W / 0.055 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603118**
System tasklight LED-AL20S (2x 7.8 W) 5000 K	585 mm	5000 K	850	1x 560	14.4 W	Approx. 16 W / 0.07 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603120**
System tasklight LED-AL20S (2x 7.8 W) 6500 K	585 mm	6500 K	865	1x 560	14.4 W	Approx. 16 W / 0.07 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603168**
System tasklight LED-AL30S (3x 7.8 W) 5000 K	870 mm	5000 K	850	1x 280 / 1x 560	21.6 W	Approx. 24 W / 0.1 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603121**
System tasklight LED-AL30S (3x 7.8 W) 6500 K	870 mm	6500 K	865	1x 280 / 1x 560	21.6 W	Approx. 24 W / 0.1 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603158**
System tasklight LED-AL40S (4x 7.8 W) 5000 K	1150 mm	5000 K	850	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603122**
System tasklight LED-AL40S (4x 7.0 W) 6500 K	1150 mm	6500 K	865	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603177**
System tasklight LED-AL50S (5x 7.8 W) 5000 K	1435 mm	5000 K	850	1x 280 / 2x 560	36 W	Approx. 40 W / 0.17 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603123**
System tasklight LED-AL50S (5x 7.8 W) 6500 K	1435 mm	6500 K	865	1x 280 / 2x 560	36 W	Approx. 40 W / 0.17 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603188**
System tasklight LED-AL60S (6 x7.8 W) 5000 K	1735 mm	5000 K	850	3x 560	43.2 W	Approx. 48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603124**
System tasklight LED-AL60S (6 x7.8 W) 6500 K	1735 mm	6500 K	865	3x 560	43.2 W	Approx. 48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT"	>80 (typ. up to 85)	1 IP20	**603198**

CRI* = colour rendering index (Ra)

7

LED SYSTEM TASKLIGHTS S US (5000 K)

Powerful LED-System tasklights for illuminating e.g. industrial workstations



Description	Length	Light colour	Colour code	Module	LED power	Power consumption	Connection voltage	Connection	CRI:	Safety class	Art. no.:
System tasklight LED-AL10S (1x 8 W) US, 5000 K	300 mm	5000 K	850	1x 280	7.8 W	Approx. 11.5 W / 0.095 A (@120 V)	100-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 85)	1 IP20	**603113**
System tasklight LED-AL14S (1x 11.8 W) US, 5000 K	300 mm	5000 K	850	1x 280	7.8 W	Approx. 11.8 W / 0.125 A (@120 V)	100-240 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 82)	1 IP20	**603318**
System tasklight LED-AL20S (2x 8.3 W) US, 5000 K	585 mm	5000 K	850	2x 280 (24 V)	16.6 W	Approx. 25 W / 0.21 A (@120 V)	100-277 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 82)	1 IP20	**603114**
System tasklight LED-AL30S (3x 7.8 W) US, 5000 K	870 mm	5000 K	850	3x 280 (24 V)	24.9 W	Approx. 32 W / 0.27 A (@120 V)	100-277 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 82)	1 IP20	**603115**
System tasklight LED-AL40S (4x 7.8 W) US, 5000 K	1150 mm	5000 K	850	4x 280 (24 V)	33.2 W	Approx. 41 W / 0.34 A (@120 V)	100-277 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 82)	1 IP20	**603116**
System tasklight LED-AL50S (5x 7.8 W) US, 5000 K	1435 mm	5000 K	850	5x 280 (24 V)	41.5 W	Approx. 50 W / 0.42 A (@120 V)	100-277 V / 50-60 Hz	GST18i3 IN/OUT	>80 (typ. up to 82)	1 IP20	**603117**

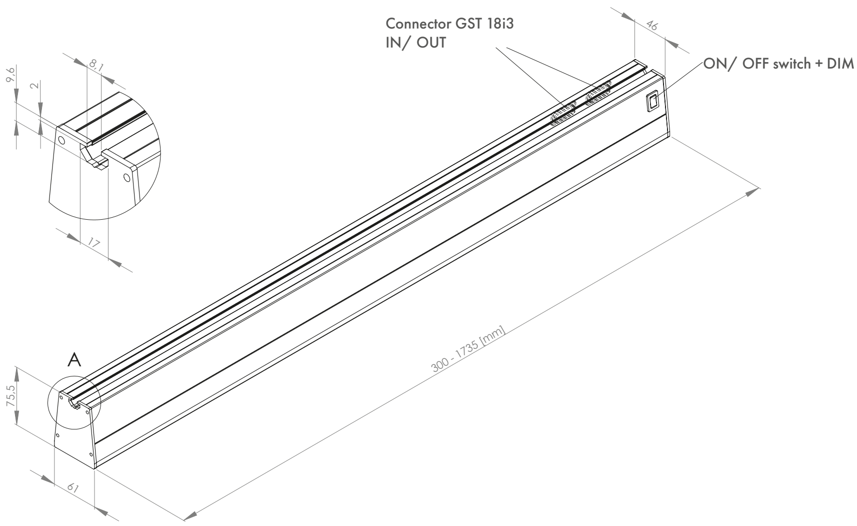
CRI* = colour rendering index (Ra)

7

LED SYSTEM TASKLIGHTS D (5000 K/6500 K)

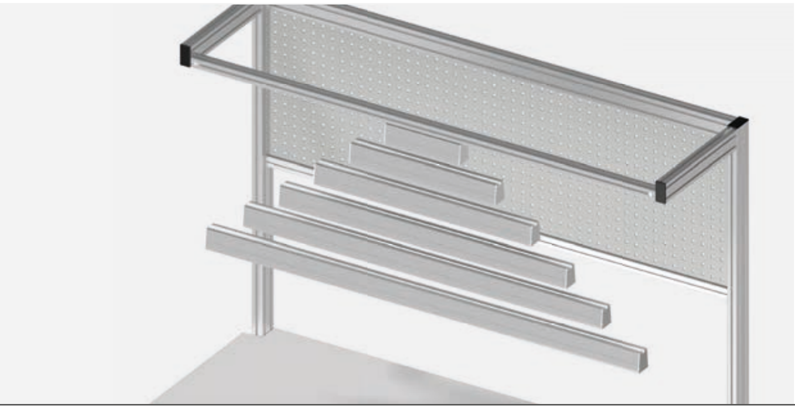
Powerful LED system tasklights for illuminating e.g. industrial workstations

Dimming range (1-100%)



Description	Length	Light colour	Colour code	Module	LED power	Power consumption	Connection voltage	Connec-tion	DIM	CRI:	Safety class	Art. no.:
System tasklight LED-AL10D dimmable (1x 8 W) 5000 K	300 mm	5000 K	850	1x 280	7.8 W	Approx. 10.5 W / 0.045 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN	1-100%	>80 (typ. up to 85)	1 IP20	**603125**
System tasklight LED-AL20D dimmable (2x 7.8 W) 5000 K	585 mm	5000 K	850	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603130**
System tasklight LED-AL20D dimmable (2x 7.8 W) 6500 K	585 mm	6500 K	865	1x560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603157**
System tasklight LED-AL30D dimmable (3x 7.8 W) 5000 K	870 mm	5000 K	850	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603131**
System tasklight LED-AL30D dimmable (3x 7.8 W) 6500 K	870 mm	6500 K	865	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603159**
System tasklight LED-AL40D dimmable (4x 7.8 W) 5000 K	1150 mm	5000 K	850	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603132**
System tasklight LED-AL40D dimmable (4x 7.8 W) 6500 K	1150 mm	6500 K	865	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603161**
System tasklight LED-AL50D dimmable (5x 7.8 W) 5000 K	1435 mm	5000 K	850	1x 280 / 2x 560	36 W	Approx. 41 W / 0.18 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603133**
System tasklight LED-AL50D dimmable (5x 7.8 W) 6500 K	1435 mm	6500 K	865	1x 280 / 2x 560	36 W	Approx. 41 W / 0.18 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603162**
System tasklight LED-AL60D dimmable (6x 7.8 W) 5000 K	1735 mm	5000 K	850	3x 560	43.2 W	Approx. 48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603134**
System tasklight LED-AL60D dimmable (6x 7.8 W) 6500 K	1735 mm	6500 K	865	3x 560	43.2 W	Approx. 48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603163**

CRI* = colour rendering index (Ra)

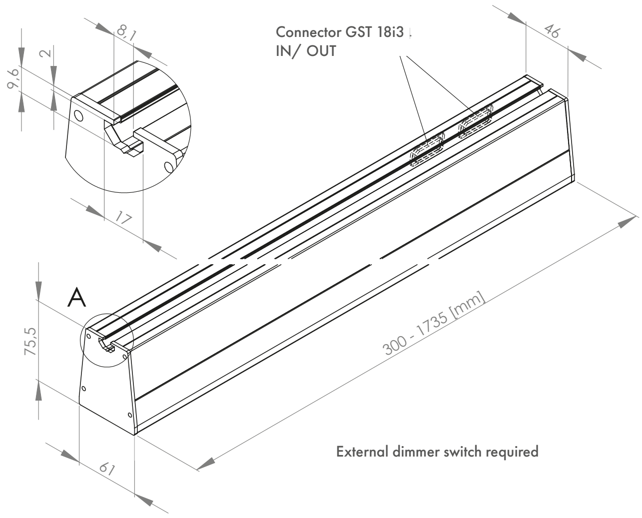


LED SYSTEM TASKLIGHTS D EXTERNAL DIMMABLE (5000 K/6500 K)

Powerful LED system tasklights for illuminating e.g. industrial workstations

Dimming range (1-100%)

External dimmer switch required for operation



Attention:

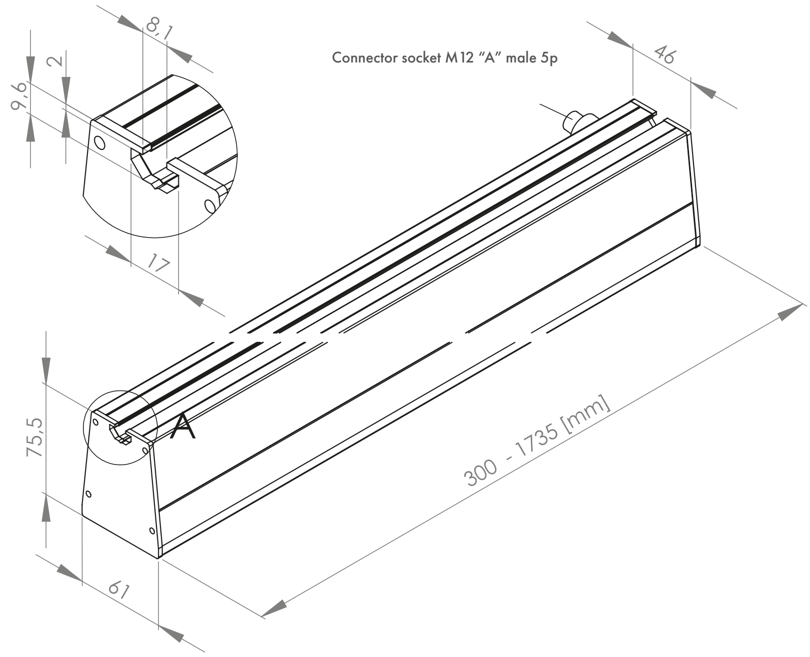
AL10 lamps must not be operated via the same dimmer switch due to the technical properties of the modules.

Description	Length	Light colour	Colour code	Module	LED power	Power consumption	Connection voltage	Connection	DIM	CRI:	Safety class	Art. no.:
System tasklight LED-AL10D external dimmable (1x 8 W) 5000 K	300 mm	5000 K	850	1x 280	7.8 W	Approx. 10.5 W / 0.045 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN	1-100%	>80 (typ. up to 85)	1 IP20	**603128**
System tasklight LED-AL10D external dimmable (1x 8 W) 6500 K	300 mm	6500 K	865	1x 280	7.8 W	Approx. 10.5 W / 0.045 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN	1-100%	>80 (typ. up to 85)	1 IP20	**603129**
System tasklight LED-AL20D external dimmable (2x 7.8 W) 5000 K	585 mm	5000 K	850	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603135**
System tasklight LED-AL20D external dimmable (2x 7.8 W) 6500 K	585 mm	6500 K	865	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603138**
System tasklight LED-AL30D external dimmable (3x 7.8 W) 5000 K	870 mm	5000 K	850	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603136**
System tasklight LED-AL30D external dimmable (3x 7.8 W) 6500 K	870 mm	6500 K	865	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603173**
System tasklight LED-AL40D external dimmable (4x 7.8 W) 5000 K	1150 mm	5000 K	850	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603137**
System tasklight LED-AL40D external dimmable (4x 7.8 W) 6500 K	1150 mm	6500 K	865	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603164**
System tasklight LED-AL50D external dimmable (5x 7.8 W) 5000 K	1435 mm	5000 K	850	1x 280 / 2x 560	36 W	Approx. 41 W / 0.18 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603126**
System tasklight LED-AL50D external dimmable (5x 7.8 W) 6500 K	1435 mm	6500 K	865	1x 280 / 2x 560	36 W	Approx. 41 W / 0.18 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603174**
System tasklight LED-AL60D external dimmable (6x 7.8 W) 5000 K	1735 mm	5000 K	850	3x 560	43.2 W	Approx. 48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603139**
System tasklight LED-AL60D external dimmable (6x 7.8 W) 6500 K	1735 mm	6500 K	865	3x 560	43.2 W	Approx. 48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	GST18i4 IN/OUT	1-100%	>80 (typ. up to 85)	1 IP20	**603179**

CRI* = colour rendering index (Ra)

LED SYSTEM TASKLIGHTS 24 VDC 5000 K

Powerful LED system tasklights for illuminating e.g. industrial workstations

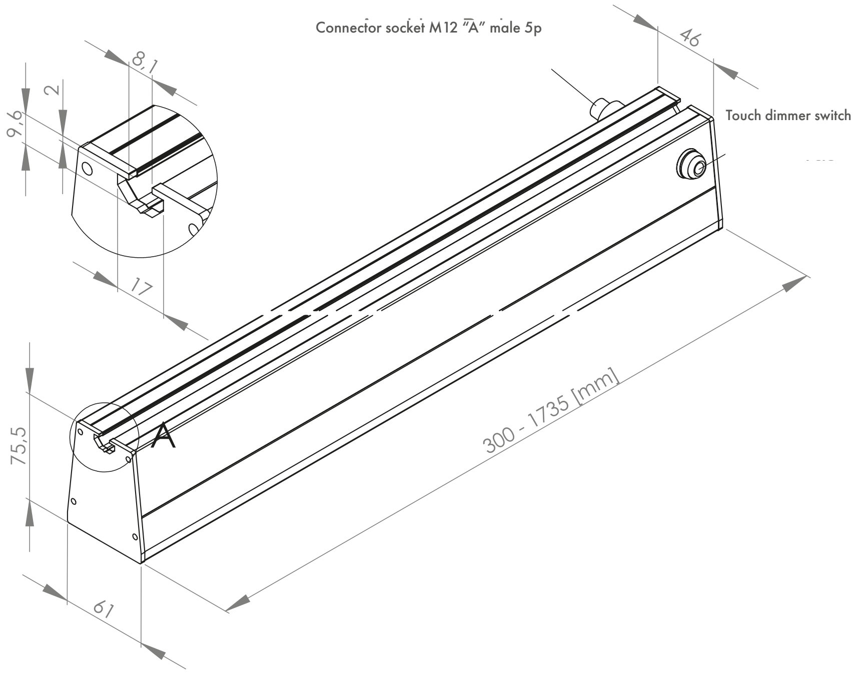


Description	Length	Light colour	Colour code	Module	LED power	Power consump-tion	Connection voltage	Connec-tion	CRI:	Safety class	Art. no.:
System tasklight LED-AL10 24 VDC (1x 8.3 W) 5000 K	300 mm	5000 K	850	1x 280 (24 V)	8.3 W	Approx. 8.3 W / 0.35 A (@24 V)	24 VDC (+/- 1V)	M12 "A" male 5p	>80 (typ. up to 82)	3 IP20	**603140**
System tasklight LED-AL20 24 VDC (2x 8.3 W) 5000 K	585 mm	5000 K	850	2x 280 (24 V)	7.8 W	Approx. 16.6 W / 0.7 A (@24 V)	24 VDC (+/- 1V)	M12 "A" male 5p	>80 (typ. up to 82)	3 IP20	**603141**
System tasklight LED-AL30 24 VDC (3x 8.3 W) 5000 K	870 mm	5000 K	850	3x 280 (24 V)	16.6 W	Approx. 24.9 W / 1.05 A (@24 V)	24 VDC (+/- 1V)	M12 "A" male 5p	>80 (typ. up to 82)	3 IP20	**603142**
System tasklight LED-AL40 24 VDC (4x 8.3 W) 5000 K	1150 mm	5000 K	850	4x 280 (24 V)	24.9 W	Approx. 33.2 W / 1.4 A (@24 V)	24 VDC (+/- 1V)	M12 "A" male 5p	>80 (typ. up to 82)	3 IP20	**603143**
System tasklight LED-AL50 24 VDC (5x 8.3 W) 5000 K	1435 mm	5000 K	850	5x 280 (24 V)	33.2 W	Approx. 41.5 W / 1.75 A (@24 V)	24 VDC (+/- 1V)	M12 "A" male 5p	>80 (typ. up to 82)	3 IP20	**603144**
System tasklight LED-AL60 24 VDC (6x 8.3 W) 5000 K	1735 mm	5000 K	850	6x 280 (24 V)	41.5 W	Approx. 49.8 W / 2.1 A (@24 V)	24 VDC (+/- 1V)	M12 "A" male 5p	>80 (typ. up to 82)	3 IP20	**603145**

CRI* = colour rendering index (Ra)

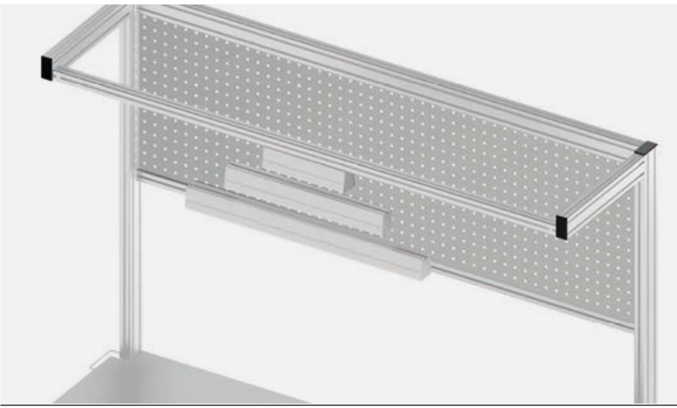
LED SYSTEM TASKLIGHTS 24 VDC DIMMABLE 5000 K

Powerful LED system tasklights for illuminating e.g. industrial workstations



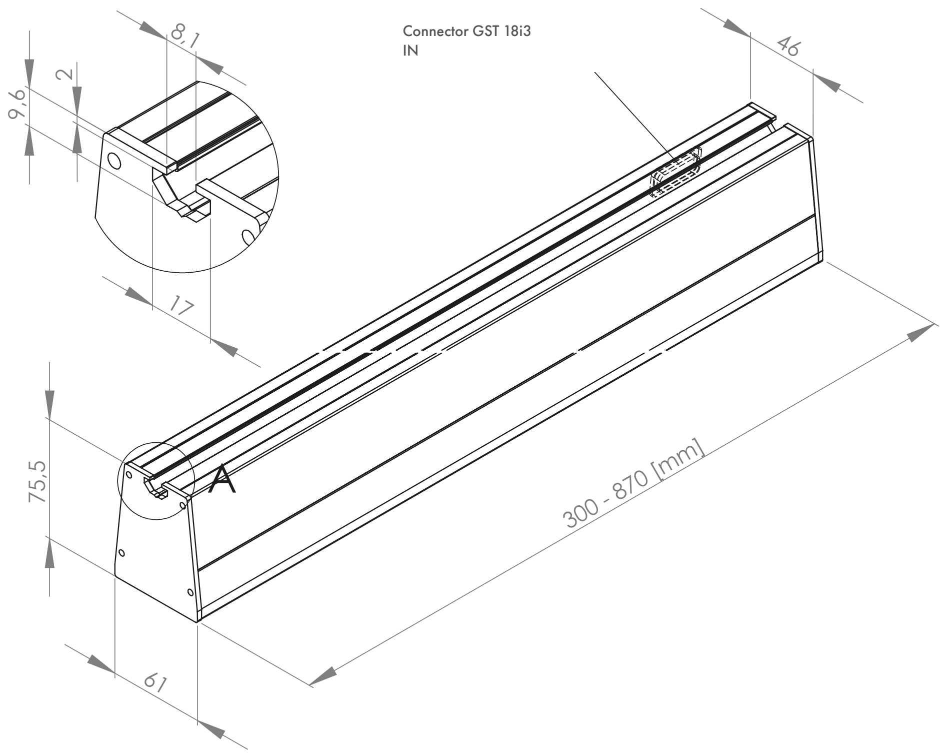
Description	Length	Light colour	Colour code	Module	LED power	Power consump-tion	Connection voltage	Connec-tion	DIM	CRI:	Safety class	Art. no.:
System tasklight LED-AL10 24 VDC dimmable (1x 8.3 W) 5000 K	300 mm	5000 K	850	1x 280 (24 V)	8.3 W	Approx. 8.3 W / 0.35 A (@24 V)	24 VDC (+/-1V)	M12 "A" male 5p	1-100%	>80 (typ. up to 82)	3 IP20	**603146**
System tasklight LED-AL20 24 VDC dimmable (2x 8.3 W) 5000 K	585 mm	5000 K	850	2x 280 (24 V)	7.8 W	Approx. 16.6 W / 0.7 A (@24 V)	24 VDC (+/-1V)	M12 "A" male 5p	1-100%	>80 (typ. up to 82)	3 IP20	**603147**
System tasklight LED-AL30 24 VDC dimmable (3x 8.3 W) 5000 K	870 mm	5000 K	850	3x 280 (24 V)	16.6 W	Approx. 24.9 W / 1.05 A (@24 V)	24 VDC (+/-1V)	M12 "A" male 5p	1-100%	>80 (typ. up to 82)	3 IP20	**603148**
System tasklight LED-AL40 24 VDC dimmable (4x 8.3 W) 5000 K	1150 mm	5000 K	850	4x 280 (24 V)	24.9 W	Approx. 33.2 W / 1.4 A (@24 V)	24 VDC (+/-1V)	M12 "A" male 5p	1-100%	>80 (typ. up to 82)	3 IP20	**603273**
System tasklight LED-AL50 24 VDC dimmable (5x 8.3 W) 5000 K	1435 mm	5000 K	850	5x 280 (24 V)	33.2 W	Approx. 41.5 W / 1.75 A (@24 V)	24 VDC (+/-1V)	M12 "A" male 5p	1-100%	>80 (typ. up to 82)	3 IP20	**603274**
System tasklight LED-AL60 24 VDC dimmable (6x 8.3 W) 5000 K	1735 mm	5000 K	850	6x 280 (24 V)	41.5 W	Approx. 49.8 W / 2.1 A (@24 V)	24 VDC (+/-1V)	M12 "A" male 5p	1-100%	>80 (typ. up to 82)	3 IP20	**603149**

CRI* = colour rendering index (Ra)



LED SYSTEM TASKLIGHTS, ECO (4000 K)

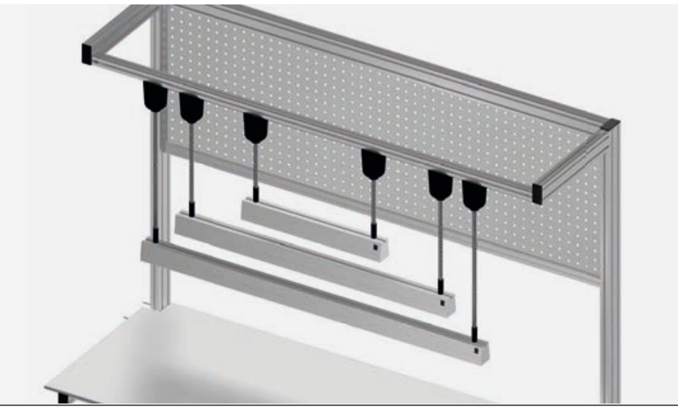
Powerful LED system tasklights for illuminating e.g. industrial workstations



Description	Length	Light colour	Colour code	Module	LED power	Power consumption	Connection voltage	Connection	CRI:	Safety class	Art. no.:
System tasklight LED-AL10 ECO 4000 K	300 mm	4000 K	840	1x 280 SNC	8.5 W	Approx. 10 W / 0.045 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN	>80 (typ. up to 85)	1 IP20	**603310**
System tasklight LED-AL20 ECO 4000 K	585 mm	4000 K	840	2x 280 SNC	13.6 W	Approx. 15.1 W / 0.066 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN	>80 (typ. up to 85)	1 IP20	**603301**
System tasklight LED-AL30 ECO 4000 K	870 mm	4000 K	840	3x 280 SNC	20.4 W	Approx. 23.2 W / 0.1 A (@230 V)	220-240 V / 50-60 Hz	GST18i3 IN	>80 (typ. up to 85)	1 IP20	**603300**

CRI* = colour rendering index (Ra)

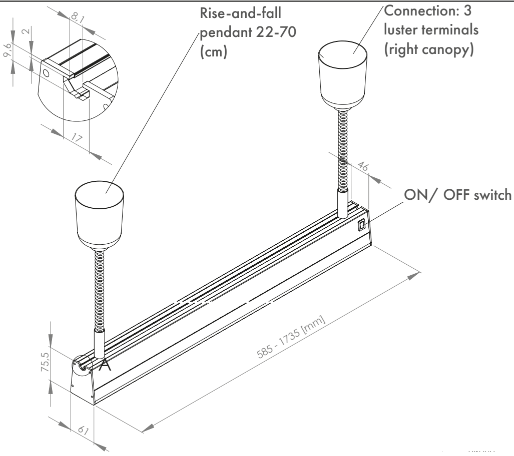
7



LED SYSTEM TASKLIGHTS S/D/US (5000 K | 6500 K) WITH RISE-AND-FALL PENDANT

Powerful LED-System tasklights for illuminating
e.g. industrial workstations

Dimming range (1-100%)



Description	Length	Rise-and-fall pendant length	Light colour	Colour code	Module	LED power	Power consumption	Connection voltage	Connec-tion	DIM	CRI:	Safety class	Art. no.:
System tasklight LED-AL20S (2x 7.8 W) 5000 K rise-and-fall pendant	585 mm	22 - 70 [cm]	5000 K	850	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603150**
System tasklight LED-AL20S (2x 7.8 W) 6500 K rise-and-fall pendant	585 mm	22 - 70 [cm]	6500 K	865	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603180**
System tasklight LED-AL20S (2x 8.3 W) US, 5000 K rise-and-fall pendant	585 mm	22 - 70 [cm]	5000 K	850	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603183**
System tasklight LED-AL20S (2x 8.3 W) US, 6500 K rise-and-fall pendant	585 mm	22 - 70 [cm]	6500 K	865	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603184**
System tasklight LED-AL20D dimmable (2x 7.8 W) 5000 K rise-and-fall pendant	585 mm	22 - 70 [cm]	5000 K	850	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603170**
System tasklight LED-AL20D dimmable (2x 7.8 W) 6500 K rise-and-fall pendant	585 mm	22 - 70 [cm]	6500 K	865	1x 560	14.4 W	Approx. 21 W / 0.09 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603186**
System tasklight LED-AL20D dimmable (2x 7.8 W) US 5000 K rise-and-fall pendant	585 mm	22 - 70 [cm]	5000 K	850	1x 560	14.4 W	Approx. 21 W / 0.09 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603169**
System tasklight LED-AL20D dimmable (2x 7.8 W) US 6500 K rise-and-fall pendant	585 mm	22 - 70 [cm]	6500 K	865	1x 560	14.4 W	Approx. 21 W / 0.09 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603222**
System tasklight LED-AL30S (3x 7.8 W) 5000 K rise-and-fall pendant	870 mm	22 - 70 [cm]	5000 K	850	1x 280 / 1x 560	21.6 W	Approx. 24 W / 0.1 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603151**
System tasklight LED-AL30S (3x 7.8 W) 6500 K rise-and-fall pendant	870 mm	22 - 70 [cm]	6500 K	865	1x 280 / 1x 560	21.6 W	Approx. 24 W / 0.1 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603187**
System tasklight LED-AL30S (2x 8.3 W) US, 5000 K rise-and-fall pendant	870 mm	22 - 70 [cm]	5000 K	850	1x 280 / 1x 560	21.6 W	Approx. 24 W / 0.1 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603223**
System tasklight LED-AL30S (2x 8.3 W) US, 6500 K rise-and-fall pendant	870 mm	22 - 70 [cm]	6500 K	865	1x 280 / 1x 560	21.6 W	Approx. 24 W / 0.1 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603189**

CRI* = colour rendering index (Ra)

7

Description	Length	Rise-and-fall pendant length	Light colour	Colour code	Module	LED power	Power consumption	Connection voltage	Connection	DIM	CRI:	Safety class	Art. no.:
System tasklight LED-AL30D dimmable (3x 7.8 W) 5000 K rise-and-fall pendant	870 mm	22 - 70 [cm]	5000 K	850	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603171**
System tasklight LED-AL30D dimmable (3x 7.8 W) 6500 K rise-and-fall pendant	870 mm	22 - 70 [cm]	6500 K	865	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603190**
System tasklight LED-AL30D dimmable (3x 8.3 W) US 5000 K rise-and-fall pendant	870 mm	22 - 70 [cm]	5000 K	850	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@1200 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603172**
System tasklight LED-AL30D dimmable (3x 8.3 W) US 6500 K rise-and-fall pendant	870 mm	22 - 70 [cm]	5000 K	865	1x 280 / 1x 560	21.6 W	Approx. 25 W / 0.11 A (@1200 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603224**
System tasklight LED-AL40S (4x 7.8 W) 5000 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	5000 K	850	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz"	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603152**
System tasklight LED-AL40S (4x 7.8 W) 6500 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	6500 K	865	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603191**
System tasklight LED-AL40S (2x 8.3 W) US, 5000 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	5000 K	850	2x 560	28.8 W	Approx. 41 W / 0.34 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603192**
System tasklight LED-AL40S (2x 8.3 W) US, 6500 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	6500 K	865	2x 560	28.8 W	Approx. 41 W / 0.34 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603233**
System tasklight LED-AL40D dimmable (4x 7.8 W) 5000 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	5000 K	850	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603154**
System tasklight LED-AL40D dimmable (4x 7.8 W) 6500 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	6500 K	850	2x 560	28.8 W	Approx. 32 W / 0.14 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603193**
System tasklight LED-AL40D dimmable (4x 7.8 W) US 5000 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	5000 K	850	2x 560	28.8 W	Approx. 41 W / 0.34 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603234**
System tasklight LED-AL40D dimmable (4x 7.8 W) US 6500 K rise-and-fall pendant	1150 mm	22 - 70 [cm]	6500 K	865	2x 560	28.8 W	Approx. 41 W / 0.34 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603235**
System tasklight LED-AL50S (5x 7.8) 5000 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	5000 K	850	1x 280 / 2x 560	36 W	Approx. 40 W / 0.17 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603194**
System tasklight LED-AL50S (5x 7.8) 6500 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	6500 K	865	1x 280 / 2x 560	36 W	Approx. 40 W / 0.17 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603196**
System tasklight LED-AL50S (5x 7.8) US 5000 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	5000 K	850	1x 280 / 2x 560	36 W	Approx. 50 W / 0.42 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603197**
System tasklight LED-AL50S (5x 7.8) US 6500 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	6500 K	865	1x 280 / 2x 560	36 W	Approx. 50 W / 0.42 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603199**
System tasklight LED-AL50D dimmable (5x 7.8 W) 5000 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	5000 K	850	1x 280 / 2x 560	36 W	Approx. 41 W / 0.18 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603156**
System tasklight LED-AL50D dimmable (5x 7.8 W) 6500 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	6500 K	865	1x 280 / 2x 560	36 W	Approx. 41 W / 0.18 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603277**
System tasklight LED-AL50D dimmable (5x 8.3 W) US 5000 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	5000 K	850	1x 280 / 2x 560	36 W	Approx. 50 W / 0.42 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603236**
System tasklight LED-AL50D dimmable (5x 8.3 W) US 6500 K rise-and-fall pendant	1435 mm	22 - 70 [cm]	6500 K	865	1x 280 / 2x 560	36 W	Approx. 50 W / 0.42 A (@120 V)	100-277 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603237**
System tasklight LED-AL60S (5x 7.8) 5000 K rise-and-fall pendant	1735 mm	22 - 70 [cm]	5000 K	850	3x 560	43.2 W	48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603278**
System tasklight LED-AL60S (5x 7.8) 6500 K rise-and-fall pendant	1735 mm	22 - 70 [cm]	6500 K	865	3x 560	43.2 W	48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	-	>80 (typ. up to 85)	1 IP20	**603279**
System tasklight LED-AL60D dimmable (5x 7.8 W) 5000 K rise-and-fall pendant	1735 mm	22 - 70 [cm]	5000 K	850	3x 560	43.2 W	48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603281**
System tasklight LED-AL60D dimmable (5x 7.8 W) 6500 K rise-and-fall pendant	1735 mm	22 - 70 [cm]	6500 K	865	3x 560	43.2 W	48 W / 0.21 A (@230 V)	220-240 V / 50-60 Hz	Via 3 lustre terminals	1-100%	>80 (typ. up to 85)	1 IP20	**603282**

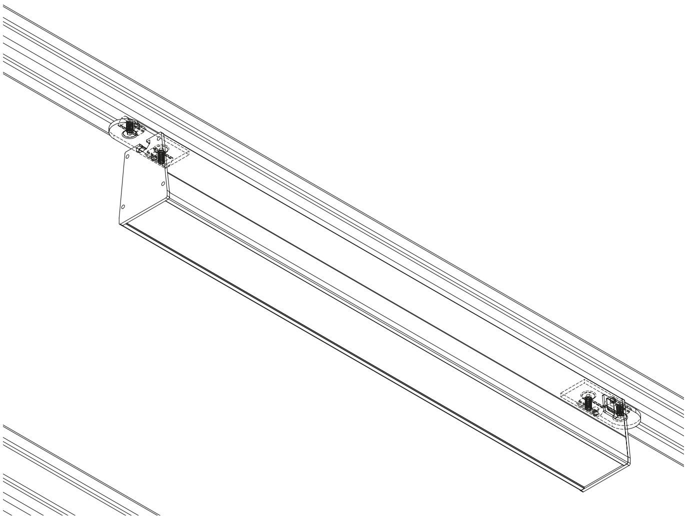
TAB, LUMINAIRE FIXTURE (WITH FASTENING KIT)

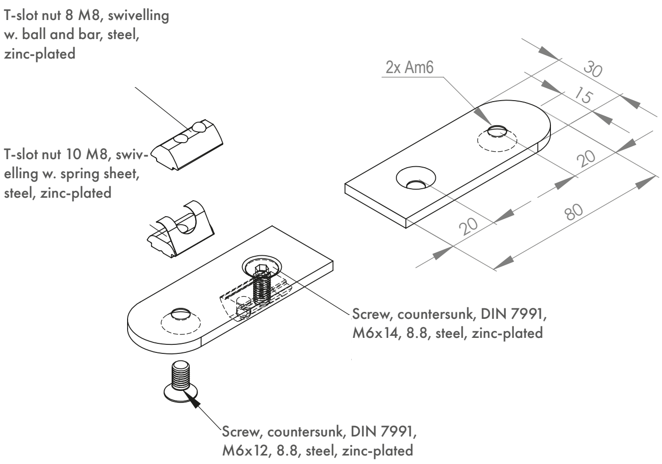
Tab material: steel, zinc-plated

For fastening a system tasklight to a work table, frame or similar.

Fastening kit is suitable for slot 8 (i) and slot 10 (B)

Mounting this item does not require any profile processing.





Description	Slot	Dimensions (mm)	Version	Weight (g)	Art. no.:
Tab, luminaire fixture	-	30x80 | 2x Am6	-	68.0	**99900651**
Tab, luminaire fixture with fastening kit slot 8 i - slot 10 B	Slot 8 (i) slot 10 (B)	(2x)| 30x80 | 2x Am6	With fastening kit	133.0	**99902651**

Fastening kit *
4x swivelling T-slot nuts 8 M6 with ball and bar, steel, zinc-plated
2x swivelling T-slot nuts slot 10 M6 with spring sheet, steel, zinc-plated
2x screws, countersunk, DIN 7991, M6x12, 8.8, steel, zinc-plated
2x screws, countersunk, DIN 7991, M6x14, 8.8, steel, zinc-plated

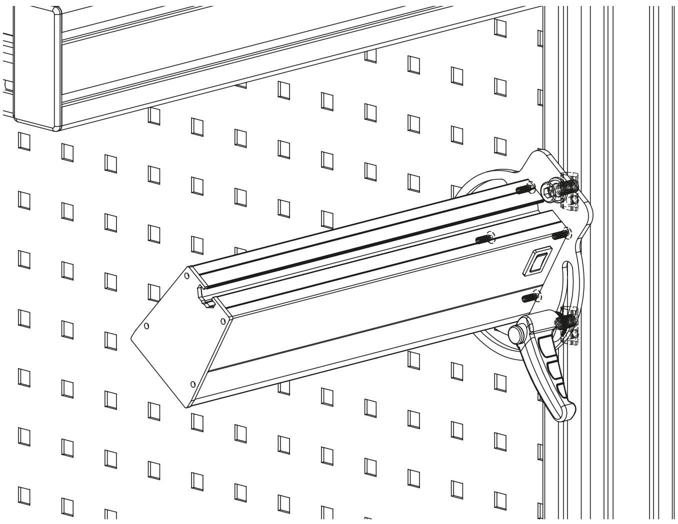
LUMINAIRE FIXTURE, SWIVELLING

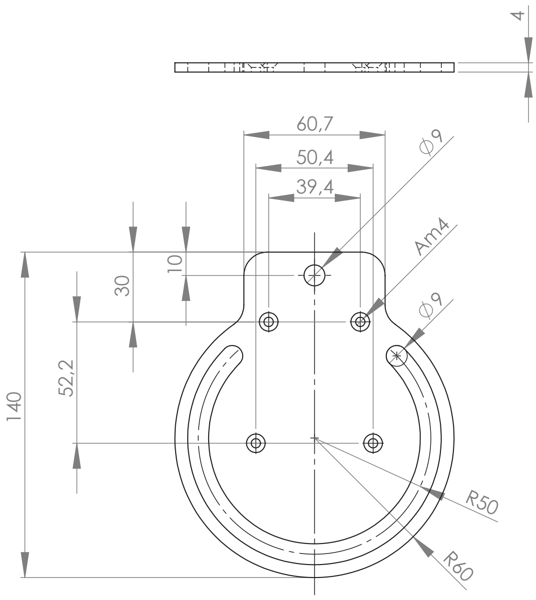
Material: Blue chromated steel

For swivelling attachment of a system tasklight to a work table, frame or similar.

The plate of the swivelling luminaire fixture replaces the cover plate of the lamp.

Mounting this item does not require any profile processing.





Description	Dimensions	Weight (g)	Art. no.:
Luminaire fixture, swivelling	W60.7 x R60 x H140	326.0	**99900976**

7

LED FLEXIBLE TUBE LUMINAIRE COOL-FLEX 14 W, DIMMABLE

Product details:

Operating device: LED converter (CC) in base

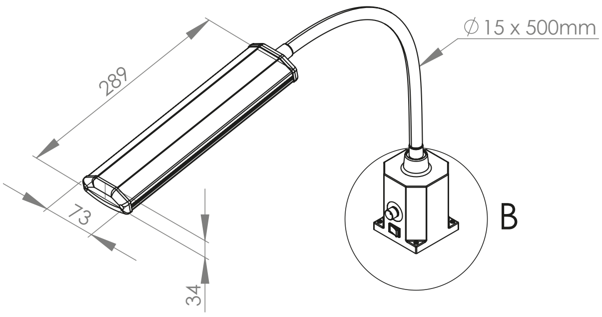
Lamp cover: Grooved prismatic disc

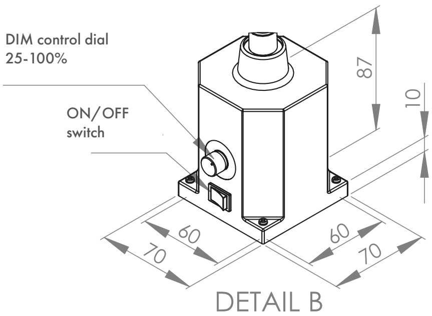
Switch: in lamp base, power connection: 1.8-m PVC supply line

Plug type: Euro plug (CEE 7/16)

Arm: flexible (gooseneck), arm length: 500 mm

Standard attachment: with screw-on flange 70 x 70 mm





Description	Lamp head dimensions:	E max @15 cm:	LED luminous flux:	Colour temperature	Colour rendering:	Dimmable:	Connection voltage:	Safety class:	Art. no.:
LED flexible tube luminaire COOL-Flex 14 W, dimmable	315 x 71 x 35 mm	1750 lx	1870 lm	5000 K	CRI>80	Continuously dimmable 25 - 100 % (rotary potentiometer)	100 - 240 V / 50 - 60 Hz	II IP20	**603209**

Recommended fixtures / description	Art. no.
Magnetic base, black	**603213**
Table clamp, small, black	**603214**
Wall angle bracket, large	**603215**

LED FLEXIBLE TUBE LUMINAIRE, LED-FLEX VARIO, APPROX. 5700 K

Product details:

Operating device: LED converter (CC) in base

Lamp cover: Clear glass cover

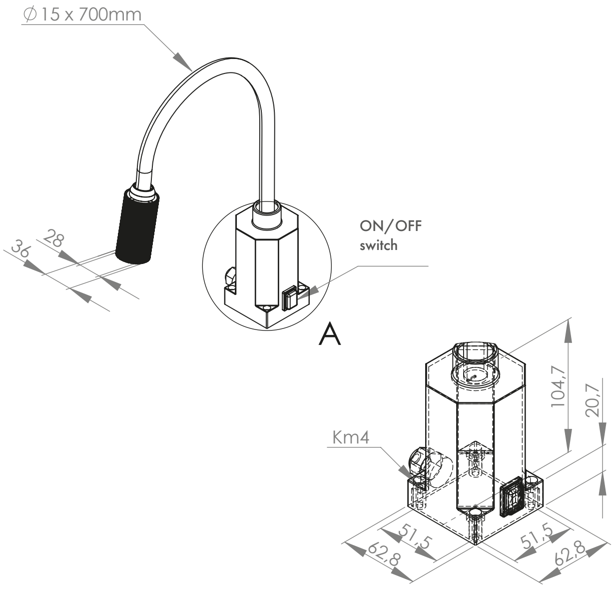
IP code: 20 (sealed head + switch)

Safety class: II

Switch: in lamp base, power connection: 1.8-m PVC supply line

Arm: flexible (gooseneck), arm length: 700 mm

Standard attachment: with screw-on flange 50 x 50 mm



Description	Lamp head dimensions:	E max @15 cm:	LED luminous flux:	Colour temperature	Colour rendering:	Dimmable:	Connection voltage:	LED power:	Art. no.:
LED flexible tube luminaire, LED-Flex Vario, approx. 5700 K	36 x 78 x 93 [mm]	3800 - 16850 lx	696 lm	5700 K	CRI>80	nonDIM	100 - 240 V / 50 - 60 Hz	LED module 5 W + focussing lens approx. 10 - 48°	**603211**

Recommended fixtures / description	Art. no.
Table clamp Vario	**603216**
Magnetic base Vario	**603217**

LED FLEXIBLE TUBE LUMINAIRE, LED-FLEX3 BASIC, APPROX. 6000 K

Product details:

Operating device: LED converter (CC) in base

Lamp cover: Clear glass cover

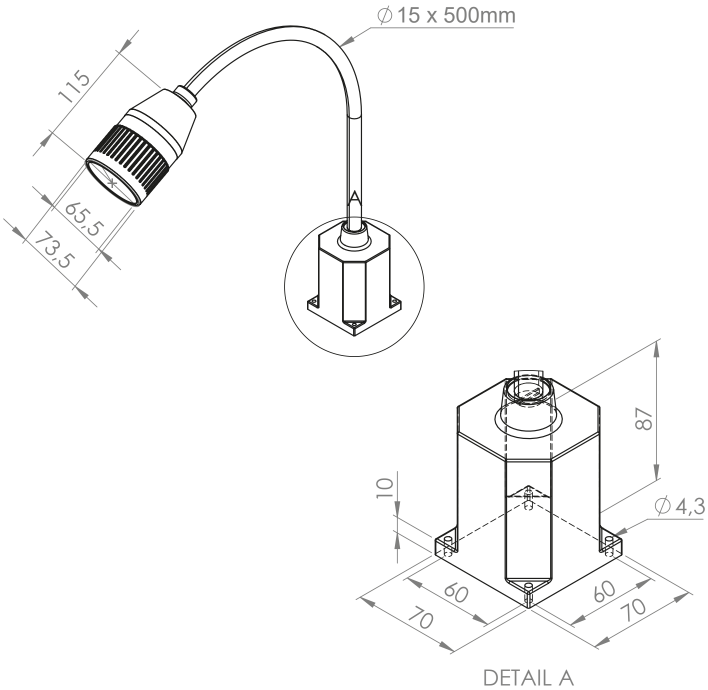
Switch: in lamp head

Power connection: 1.8-m PVC supply line

Plug type: Euro plug (CEE 7/16)

Arm: flexible (gooseneck), arm length: 500 mm

Standard attachment: with screw-on flange 70 x 70 mm



Description	Lamp head dimensions:	E max @15 cm:	LED luminous flux:	Colour temperature	Colour rendering:	Dimmable:	Connection voltage:	LED power:	Safety class:	Art. no.:
LED flexible tube luminaire, LED-Flex3 Basic, approx. 6000 K	74 x 100 mm	3320 lx	360 lm	6000 K	CRI 80	nonDIM	100 - 240 V / 50 - 60 Hz	LED module 3 x 1 W + lens 30°	II IP20	**603212**

Recommended fixtures / description	Art. no.
Magnetic base, black	**603213**
Table clamp, small, black	**603214**
Wall angle bracket, large	**603215**

LED FLEXIBLE TUBE LUMINAIRE, LED-FLEX6 MFT, 6 W

Product details:

Operating device: LED converter (CC) in base

Lamp cover: Clear glass cover

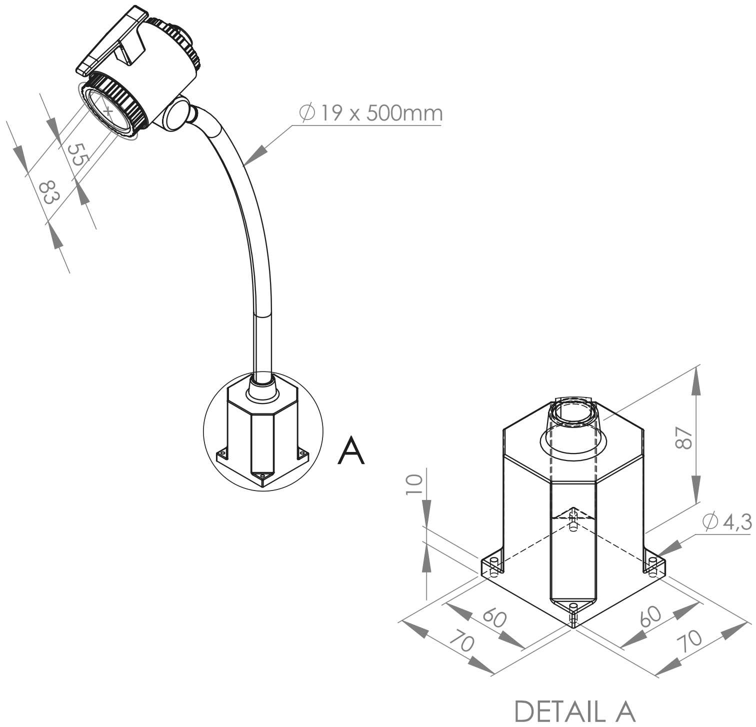
IP code: 65 | Safety class: II

Switch: in lamp head

Power connection: 1.8-m PVC supply line, plug type: Euro plug (CEE 7/16)

Arm: flexible (gooseneck), arm length: 500 mm

Standard attachment: with screw-on flange 70 x 70 mm



Description	Lamp head dimensions:	E max @15 cm:	LED luminous flux:	Colour temperature:	Colour rendering:	Dimmable:	Connection voltage:	LED power:	Art. no.:
LED flexible tube luminaire, LED-FLEX6 MFT, 6 W	80 x 120 [mm]	4730 lx	630 lm	6000 K	CRI 80	nonDIM	100 - 240 V / 50 - 60 Hz	LED module 3 x 2 W + lens 30°	**603218**

Recommended fixtures / description	Art. no.
Magnetic base, black	**603213**
Table clamp, small, black	**603214**
Wall angle bracket, large	**603215**

LED UNIVERSAL WORKPLACE LUMINAIRE M-LED 12 W, nonDIM

Product details:

No socket, operating device: Built-in LED converter (CC)

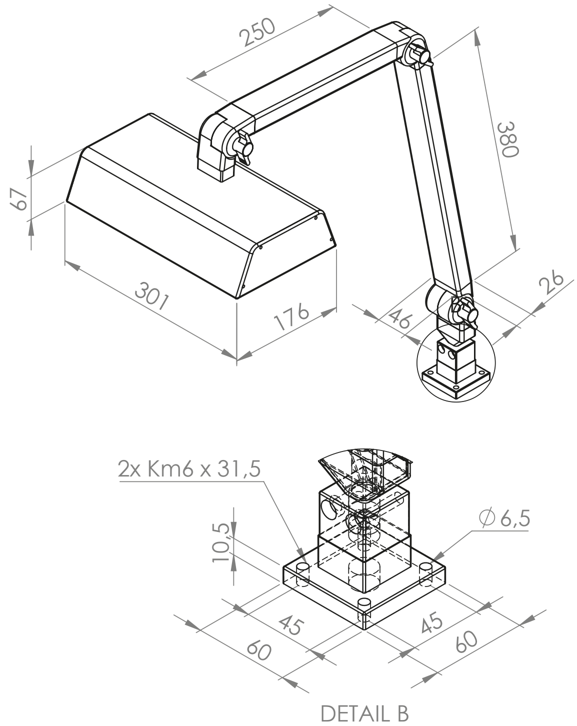
Lamp cover: Multiple lens + clear PC pane

IP code: 54 | Safety class: I

Power connection: 2 m rubber cable (IP 54), plug type: Shockproof socket (CEE 7/7)

Connection voltage: 220 - 240 V / 50-60 Hz, switch: in arm

Arm: Friction joint with spring support (below), standard attachment: with screw-on flange 60 x 60 mm, arm length: 315 + 415 mm



Description	Lamp head dimensions:	E max @15 cm:	LED luminous flux:	Colour temperature	Colour rendering:	Dimmable:	Connection voltage:	LED power:	Art. no.:
LED universal workplace luminaire M-LED 12 W, nonDIM	291 x 175 x 65 mm	2500 lx	1875 lm	5000 K	CRI>80	nonDIM	220 - 240 V	1x LED module 12 W (3R)	**603219**

Recommended fixtures / description	Art. no.
Wall angle bracket, small	**603269**
Table clamp, small	**603276**
Table clamp large / table clamp large (ESD)	**603271** **603270**
Heavy-duty table base	**603272**

LED UNIVERSAL JOINT LUMINAIRE ALLROUND LED

Operating device: Built-in LED converter (CC)

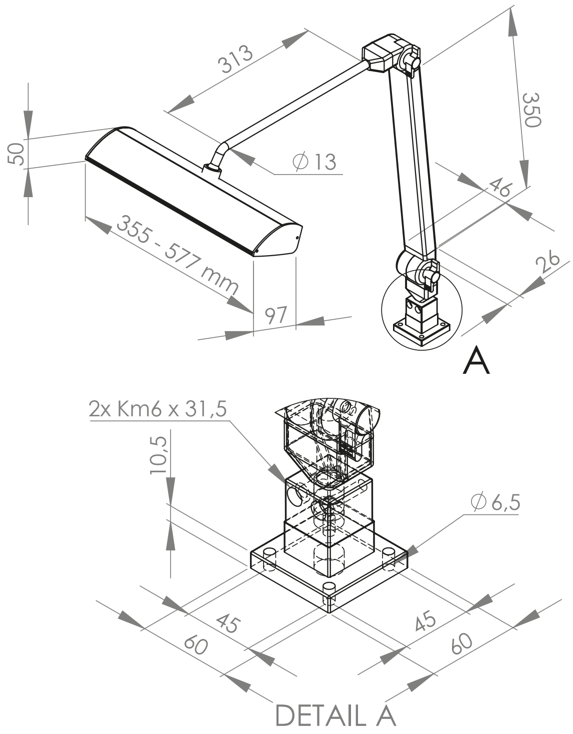
Lamp cover: Microprismatic disc + diffuser film

IP code: 20 | Safety class: I, switch: in arm, power connection: 2 m PVC cable, plug type: Shockproof socket (CEE7/7)

Connection voltage: 220 - 240 V / 50-60 Hz

Arm: Friction joints with spring support (middle and base joints)

arm length: 375 + 415 mm, standard attachment: with screw-on flange 60 x 60 mm, special feature: ball joint on lamp head



Description	Lamp head dimensions:	E max @15 cm:	LED luminous flux:	Colour temperature	Colour rendering:	Dimmable:	LED power:	Art. no.:
LED universal joint luminaire ALLROUND LED 14 5000 K, nonDim	355 x 98 x 50.5 mm	2900 lx	1970 lm	5000 K	CRI>80 (typ. 84)	nonDIM	12 W	**603265**
LED universal joint luminaire ALLROUND LED 14 5000 K, dimmable	355 x 98 x 50.5 mm	2900 lx	1970 lm	5000 K	CRI>80 (typ. 84)	DIM continuously dimmable 1-100%	12 W	**603267**
LED universal joint luminaire ALLROUND LED 28 5000 K dimmable	577 x 98 x 50.5 mm	4000 lx	3940 lm	5000 K	CRI>80 (typ. 84)	DIM continuously dimmable 1-100%	24 W	**603268**

Recommended fixtures / description	Art. no.
Wall angle bracket, small	**603269**
Table clamp, small	**603276**
Table clamp large / table clamp large (ESD)	**603271** **603270**
Heavy-duty table base	**603272**

LED RING MAGNIFIER LUMINAIRE RLL PRO, GLASS LENS Ø150

Magnification: 3-5 diopters | Lens Ø: 150 mm

Lens: biconvex cut glass magnifier

Operating device: LED controller and power supply in head

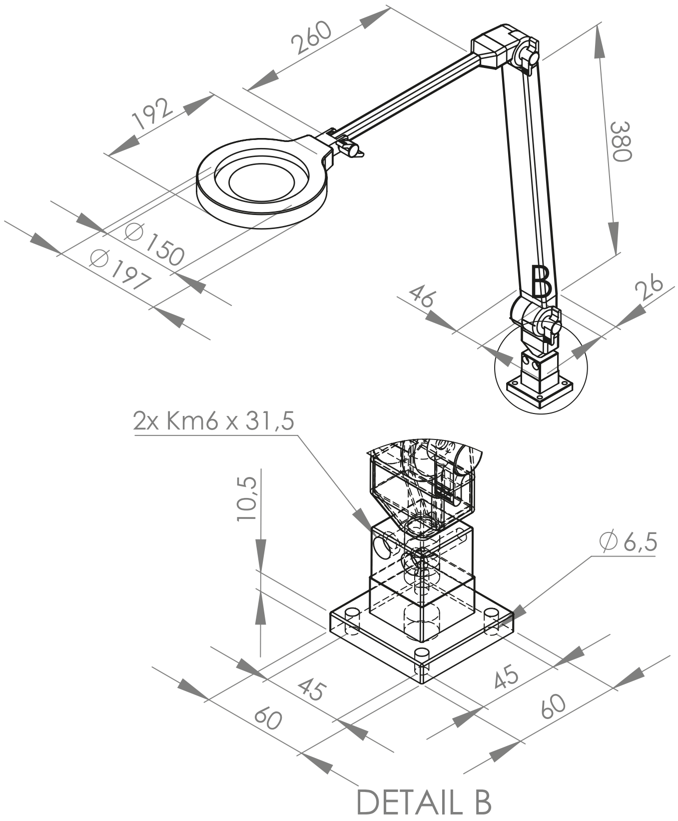
Lamp cover: frosted plastic cover (black)

IP code: 20 | Safety class: I, switch: in lamp head

Power connection: 1.5-m PVC supply line, plug type: Euro plug (CEE7/16)

Connection voltage: 220 - 240 V / 50-60 Hz, lamp head: d=254 mm

Arm: Friction, springs in all joints, arm length: 315 + 415 mm |
Head joint: 3D, standard attachment: with screw-on flange 60 x 60 mm



Description	Magnification:	E max @15 cm:	LED luminous flux:	Colour temperature	Colour rendering:	Dimmable:	LED power:	Art. no.:
LED ring magnifier luminaire RLL Pro, glass lens Ø150, 3 diopters	3 diopters = 175% magnification	2500 lx	950 lm	5000 K	CRI>90	stepDIM 12-50-100 % 3 switchable light scenes	8 W	**603220**
LED ring magnifier luminaire RLL Pro, glass lens Ø150, 5 diopters	5 diopters = 225 % magnification	2500 lx	950 lm	5000 K	CRI>90	stepDIM 12-50-100 % 3 switchable light scenes	8 W	**603225**

Recommended fixtures / description	Art. no.
Wall angle bracket, small	**603269**
Table clamp, small	**603276**
Table clamp large / table clamp large (ESD)	**603271** **603270**
Heavy-duty table base	**603272**

LED RING MAGNIFIER LUMINAIRE RLL PRO II 14 W

Magnification: 3 diopters | Lens Ø: 150 mm

Lens: biconvex cut glass magnifier

Operating device: LED converter integrated in lamp

Lamp cover: satined, impact-resistant plastic

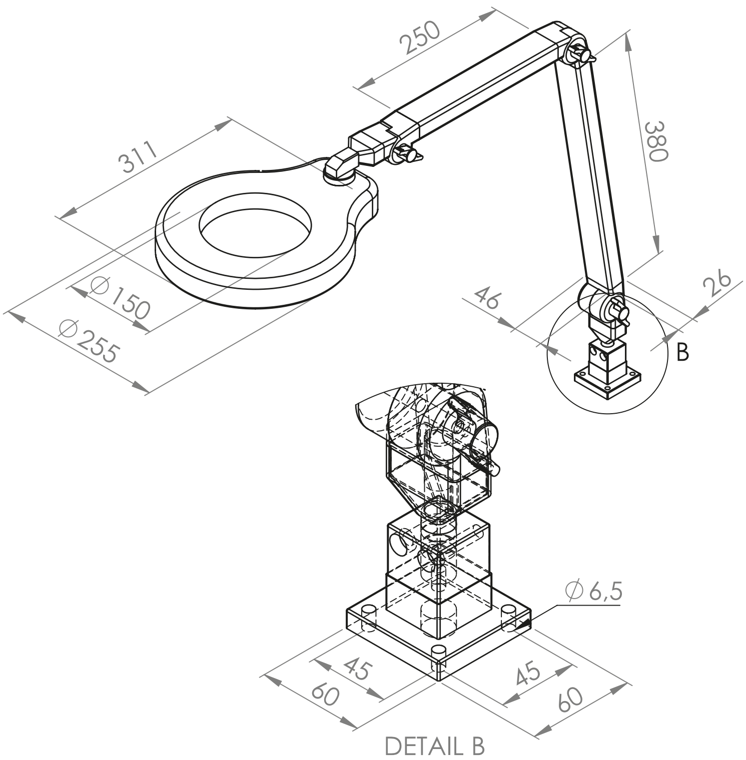
Switch: Multifunction button in lower articulated arm

Power connection: 1.5-m PVC supply line, plug type: Shockproof plug (D/F)

Arm: Friction, spring-loaded middle and base joints

arm length: 250 + 380 mm | Head joint: 3D

Standard attachment: with universal flange 60 x 60 mm



Description	Magnification:	Lamp head Ø:	Lens Ø:	Switch	Dimmable:	Connection voltage:	Safety class:	Art. no.:
LED ring magnifier luminaire RLL Pro II 14 W	3 diopters = 175% magnification	254 mm	150 mm	In lamp head	nonDIM	220 - 240 V / 50 - 60 Hz	I IP20	**603220001**
LED ring magnifier luminaire RLL Pro II 14 W dimmable	3 diopters = 175% magnification	254 mm	150 mm	Multifunction button in lower articulated arm	DIM	220 - 240 V / 50 - 60 Hz"	I IP20	**603220002**
LED ring magnifier luminaire RLL Pro II 14 W dimmable US	3 diopters = 175% magnification	254 mm	150 mm	Multifunction button in lower articulated arm	DIM	110 - 277 V / 50 - 60 Hz	I IP20	**603220004**

Recommended fixtures / description	Art. no.
Wall angle bracket, small	**603269**
Table clamp, small	**603276**
Table clamp large / table clamp large (ESD)	**603271** **603270**
Heavy-duty table base	**603272**

LED RING MAGNIFIER LUMINAIRE RLL MASTER, 3-5 DIOPTERS

Magnification: 3 diopters | Lens Ø: 150 mm

Lens: biconvex cut glass magnifier

Operating device: LED controller and power supply in head

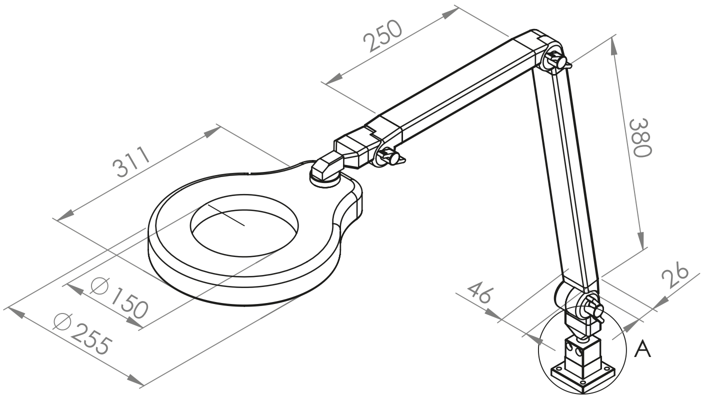
Lamp cover: frosted plastic cover (black)

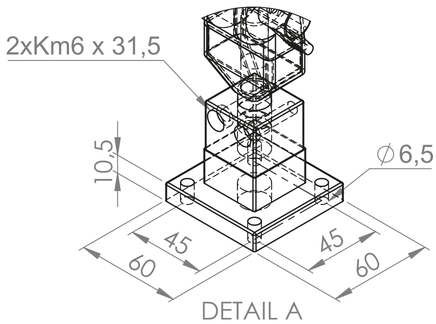
IP code: 20 | Safety class: I, switch: in lamp head

Power connection: 1.5-m PVC supply line, plug type: Euro plug (CEE7/16)

Connection voltage: 220 - 240 V / 50-60 Hz, lamp head: d=254 mm

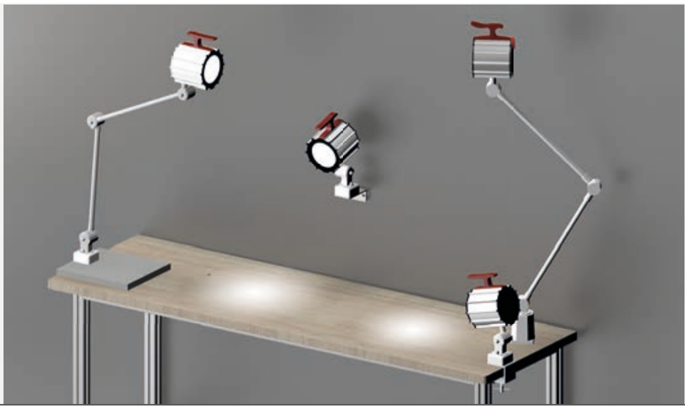
Arm: Friction, springs in all joints, arm length: 315 + 415 mm | Head joint: 3D, standard attachment: with screw-on flange 60 x 60 mm





Description	Magnification:	E max @15 cm:	LED luminous flux:	Colour temperature	Colour rendering:	Dimmable:	LED power:	Art. no.:
LED ring magnifier luminaire RLL Master, 3-diopters	3 diopters = 175% magnification	2300 lx	1200 lm	5300 K	CRI>90	Continuously dimmable (5 - 100%)	12 W	**603221**

Recommended fixtures / description	Art. no.
Wall angle bracket, small	**603269**
Table clamp, small	**603276**
Table clamp large / table clamp large (ESD)	**603271** **603270**
Heavy-duty table base	**603272**



LED MACHINE ARTICULATED LUMINAIRE M-LITE LED 12 W, IP 65, RS, RL, RTL (6000 K)

Operating device: Built-in LED converter (CC)

Lamp cover: tempered safety glass + clear

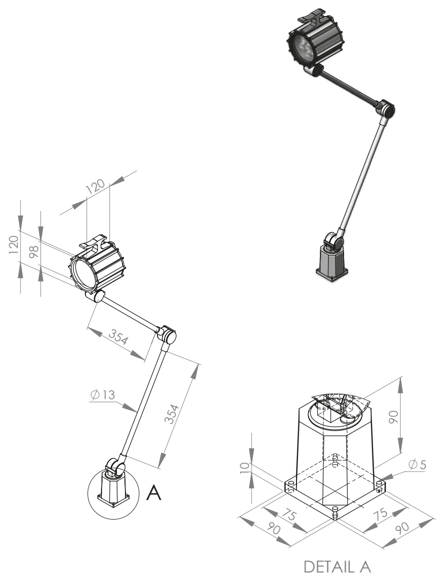
Switch: in lamp head

Plug type: Shockproof Plug (CEE7/7)

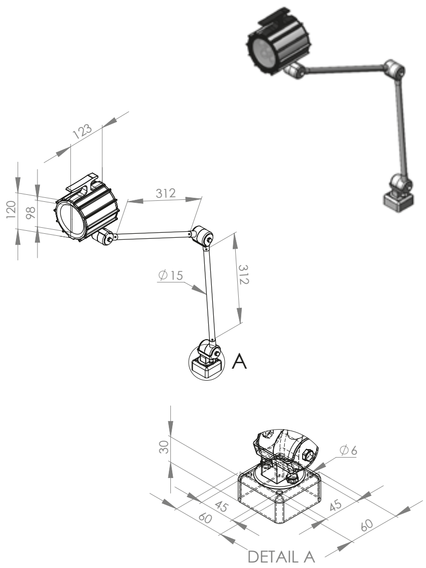
Connection voltage: 100 - 240 V / 50 - 60 Hz

Lamp head dimensions: Ø 130 x 100 mm

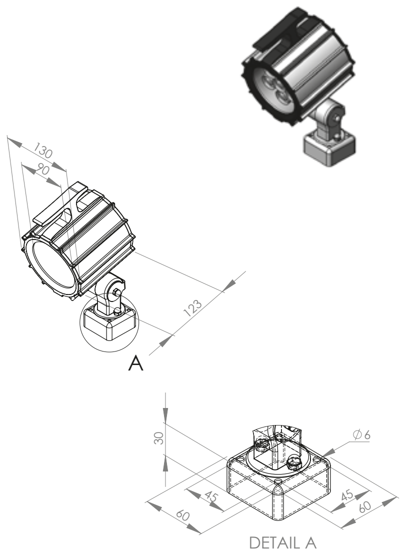
Arm: Friction joint



603262



603263



603264

(603262)
Standard attachment: with screw-on flange 90x90 [mm]

(603263 and 603264)
Standard attachment: with screw-on flange 60x60 [mm]

Description	Arm length:	E max @15 cm:	LED luminous flux:	Colour temperature:	Colour rendering:	Dimmable:	Power connection	Connection voltage:	LED power:	Safety class	Art. no.:
LED machine articulated luminaire M-Lite LED 12 W, IP 65, RTL, 6000 K	400 + 400 [mm]	>8000 lx	1260 lm	6000 K	CRI 80	nonDIM	1.5 m rubber cable	100 - 240 V / 50 - 60 Hz	LED module 6 x 2-W lenses 25°	I IP65	**603262**
LED machine articulated luminaire M-Lite LED 12 W, IP 65, RL, 6000 K	400 + 400 [mm]	>8000 lx	1260 lm	6000 K	CRI 80	nonDIM	Via lustre terminals in base	24 V AC/DC	LED module 6 x 2-W lenses 25°	III IP65	**603263**
LED machine articulated luminaire M-Lite LED 12 W, IP 65, RS, 6000 K	65 mm	>8000 lx	1260 lm	6000 K	CRI 80	nonDIM	Via lustre terminals in base	24 V AC/DC	LED module 6 x 2-W lenses 25°	III IP65	**603264**

Recommended fixtures / description	Art. no.
Wall angle bracket, small	**603269**
Table clamp, small	**603276**
Table clamp large / table clamp large (ESD)	**603271** **603270**
Heavy-duty table base	**603272**

LED ALUMINIUM LIGHT BAR 63 CM 24 V/DC

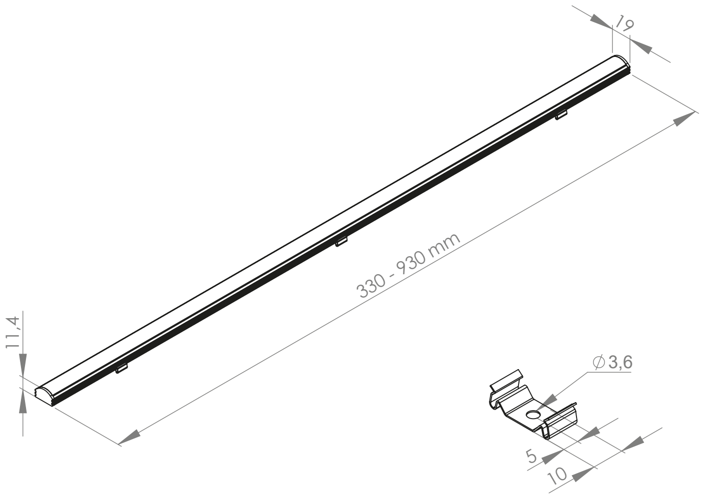
Light properties:

Colour temperature: 6000 K

Colour rendering: CRI>90 (typ. 95)

Light source: LED strip

nonDIM: not dimmable



Product details:

Length: variable; width: 19 mm; height: 12 mm

Lamp cover: frosted diffuser

IP code: 40

Safety class: III

Input voltage: 24 V/DC

Standard attachment: 2/3 metal retaining clips (depending on length)

These slim and compact light bars with high-intensity LED modules can be used for a wide variety of applications, e.g. as machine luminaires or below shelves in system workstations.

The four standard lengths of natural anodised aluminium profile (330 mm, 630 mm, 930 mm, 1230 mm) fit into even the tightest of spaces to provide homogeneous light with wide-angle distribution characteristics and excellent colour rendering thanks to state-of-the-art LED technology.

Glare is eliminated by an opalescent white, curved cover; the LED light bars are alternatively available with a clear cover. The light bars are supplied with a 2-m power supply cable and open cable ends for 24-V-DC connections or come with an integrated LED operating device.

Description	Length:	E max @15 cm:	LED luminous flux:	LED power:	Power connection:	Plug type	Operating device	Switch	Art. no.:
LED aluminium light bar 33 cm 24 V/DC 6000 K	330 mm	350 lx	464 lm	5.8 W (72 LEDs)	2-m power supply cable	With open cable end	Without operating device	Without switch	**6032001**
LED aluminium light bar set 33 cm 24 V/DC 6000 K	330 mm	350 lx	464 lm	5.8 W (72 LEDs)	2-m connection cable + 2-m power cable	Euro plug (CEE7/16)"	With power supply 220-240 V / 50 - 60 Hz	With switch	**603200**
LED aluminium light bar 63 cm 24 V/DC 6000 K	630 mm	470 lx	928 lm	11.6 W (144 LEDs)	2-m power supply cable	With open cable end	Without operating device	Without switch	**6032031**
LED aluminium light bar set 63 cm 24 V/DC 6000 K	630 mm	470 lx	928 lm	11.6 W (144 LEDs)	2-m connection cable + 2-m power cable	Euro plug (CEE7/16)"	With power supply 220-240 V / 50 - 60 Hz	With switch	**603203**
LED aluminium light bar 93 cm 24 V/DC 6000 K	930 mm	600 lx	1392 lm	17.4 W (216 LEDs)	2-m power supply cable	With open cable end	Without operating device	Without switch	**6032042**
LED aluminium light bar set 93 cm 24 V/DC 6000 K	930 mm	600 lx	1392 lm	17.4 W (216 LEDs)	2-m connection cable + 2-m power cable	Euro plug (CEE7/16)	With power supply 220-240 V / 50 - 60 Hz	With switch	**603204**
LED aluminium light bar 123 cm 24 V/DC, 6000 K	1230 mm	650 lx	1865 lm	23.2 W (288 LEDs)	2-m power supply cable	With open cable end	Without operating device	Without switch	**6032061**
LED aluminium light bar set 123 cm 24 V/DC 6000 K	1230 mm	650 lx	1865 lm	23.2 W (288 LEDs)	2-m connection cable + 2-m power cable	Euro plug (CEE7/16)	With power supply 220-240 V / 50 - 60 Hz	With switch	**603206**

LED MACHINE LUMINAIRE WITH PROTECTIVE TUBE

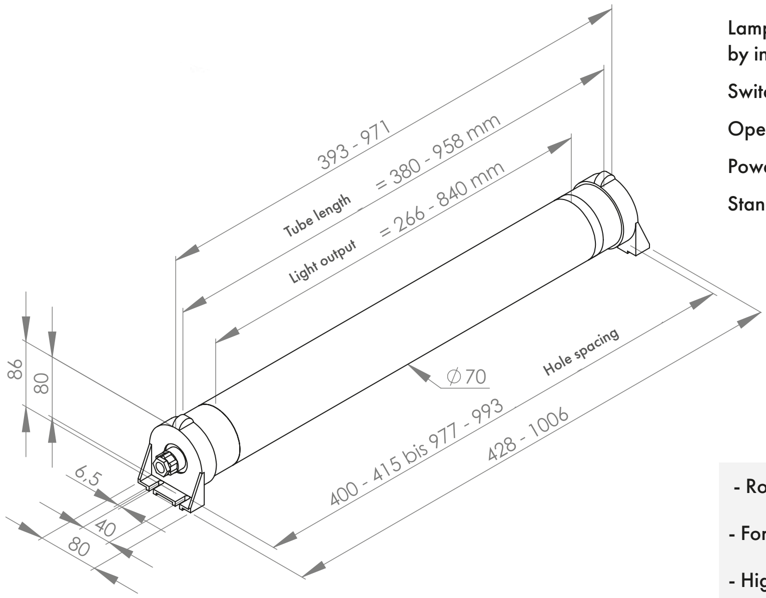
Light properties:

Colour temperature: 6000 K

Colour rendering: CRI 80

Light source: LED module

nonDIM: not dimmable



Product details:

Lamp cover: Protective tube with clear borosilicate glass, glare limitation by integrated grooved prismatic screen

Switch: no switch

Operating device: LED converter (CC)

Power connection: via lustre terminals

Standard attachment: with pipe brackets

- Robust and waterproof
- For installation in machine tools, machining centres etc.
- High breakage resistance, resistant to oils, lubricants and coolants

Description	Dimensions:	Light output length	E max @50 cm:	E max @100 cm:	LED luminous flux:	Power connection:	Safety class:	Art. no.:
Connection voltage: 100 - 240 V / 50-60 Hz								
LED machine luminaire with protective tube Ø70 mm, 14 W, L=380 mm	Ø70 x 380 mm	266 mm	1790 lx	650 lx	1870 lm	Via lustre terminals with M16 cable gland	IP 67 I	**603251**
LED machine luminaire with protective tube Ø70 mm, 28 W, L=658 mm	Ø70 x 658 mm	540 mm	2660 lx	1060 lx	3740 lm	Via lustre terminals with M16 cable gland	IP 67 I	**603256**
LED machine luminaire with protective tube Ø70 mm, 42 W, L=958 mm	Ø70 x 958 mm	840 mm	>3000 lx	1410 lx	5610 lm	Via lustre terminals with M16 cable gland	IP 67 I	**603261**
Connection voltage: 24 V AC/DC								
LED machine luminaire with protective tube Ø70 mm, 14 W, L=380 mm, 24 V	Ø70 x 380 mm	266 mm	1790 lx	650 lx	1870 lm	Via lustre terminals with M16 cable gland	IP 67 III	**603258**
LED machine luminaire with protective tube Ø70 mm, 28 W, L=658 mm, 24 V	Ø70 x 658 mm	540 mm	2660 lx	1060 lx	3740 lm	Via lustre terminals with M16 cable gland	IP 67 III	**603255**
LED machine luminaire with protective tube Ø70 mm, 42 W, L=958 mm, 24 V	Ø70 x 958 mm	840 mm	>3000 lx	1410 lx	5610 lm	Via lustre terminals with M16 cable gland	IP 67 III	**603260**

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

......................Components for series 40 i and 45 B

......................Slot specifications


......................ESD symbol for products that are electrostatically dissipative

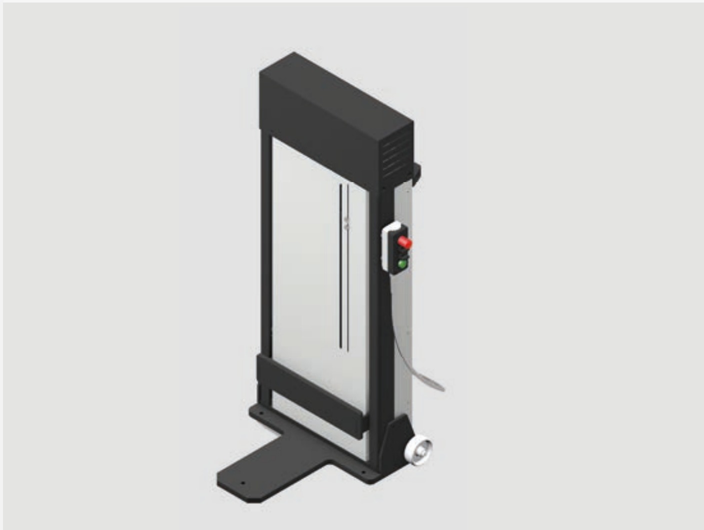

......................Pages showing product overviews

BOX LIFTER, COMPACT ....From page 442

BOX LIFTER, COMPACT, WITHOUT SAFETY KIT... From page 444

BOX LIFTER, ELECTRIC MANUAL......................From page 446

BOX LIFTER, ELECTRIC AUTOMATIC........................From page 448



STANDARD FORKS..From page 450

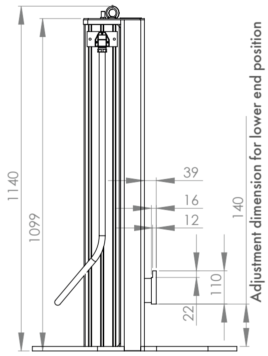
BOX LIFTER, SL ELECTROHYDRAULIC....................From page 445

BOX LIFTER, COMPACT TYPE A / TYPE B

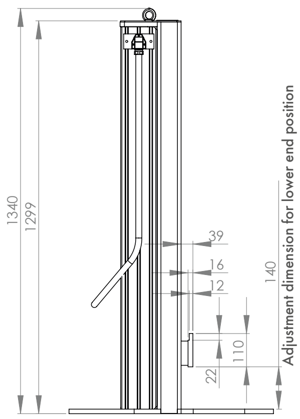
Drive type	Pneumatic
Maximum lifting height [mm]	800/1000
Lifting speed [mm/s]	150
Payload [N]	3000
Operating pressure [kPa]	600
End position control	Yes
Safety kit	Yes
Frame	RAL 7016
Panelling	RAL 7035

SIDE VIEWS

615300
KHG Compact 800
Type A with remote control

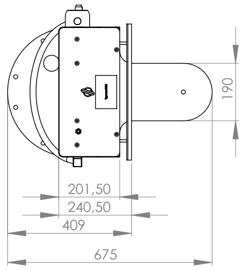


615305
KHG Compact 1000
Type A with remote control

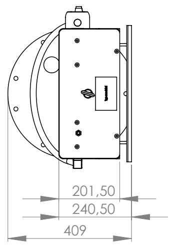


TOP VIEWS

Type A

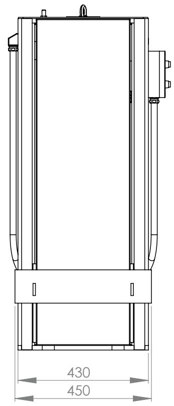


Type B



FRONT VIEW

615300



Item description	Lifting height [mm]	Payload [N]	Item number
Box lifter 800 Compact type A with remote control	800	3000	**615300**
Box lifter 800 Compact type B with remote control	800	3000	**615301**
Box lifter 800 Compact type B with side PN connection	800	3000	**615303**
Box lifter 1000 Compact type A with remote control	1000	3000	**615305**
Box lifter 1000 Compact type B with remote control	1000	3000	**615306**
Box lifter 1000 Compact type B with side PN connection	1000	3000	**615307**

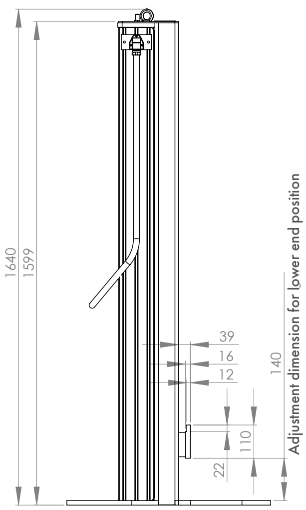
KHG
PC

BOX LIFTER, COMPACT TYPE A / TYPE B

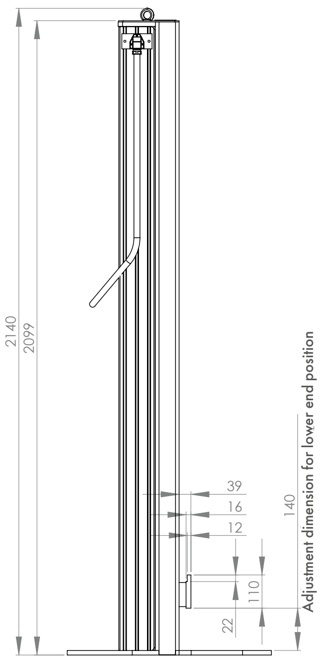
Drive type	Pneumatic
Maximum lifting height [mm]	1300/1800
Lifting speed [mm/s]	150
Payload [N]	2500/3000
Operating pressure [kPa]	600
End position control	Yes
Safety kit	Yes
Frame	RAL 7016
Panelling	RAL 7035

SIDE VIEWS

615310
KHG Compact 1300
Type A with remote control

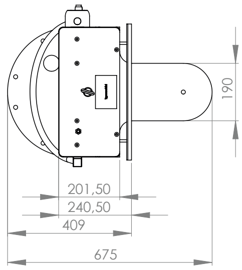


615320
KHG Compact 1800
Type A with remote control

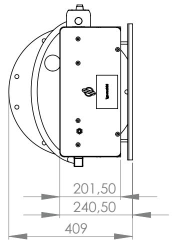


TOP VIEWS

Type A

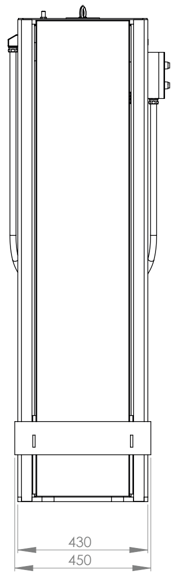


Type B



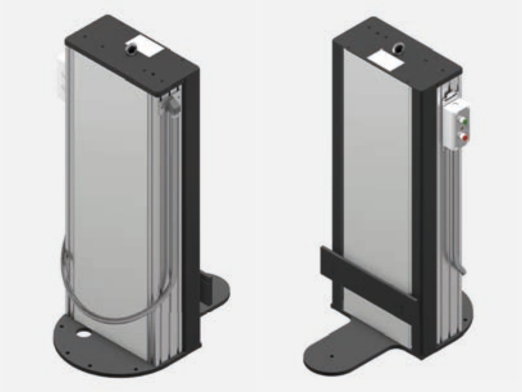
FRONT VIEW

615310



Item description	Lifting height [mm]	Payload [N]	Item number
Box lifter 1300 Compact type A with remote control	1300	3000	**615310**
Box lifter 1300 Compact type B with remote control	1300	3000	**615311**
Box lifter 1800 Compact type A with remote control	1800	2500	**615320**
Box lifter 1800 Compact type B with remote control	1800	2500	**615321**

8



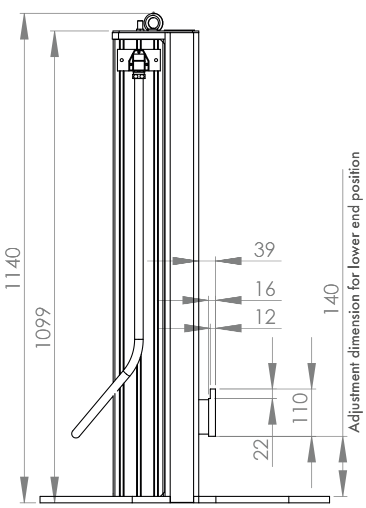
KHG PC

BOX LIFTER, COMPACT TYPE A / TYPE B [WITHOUT SAFETY KIT]

Drive type	Pneumatic
Maximum lifting height [mm]	800
Lifting speed [mm/s]	150
Payload [N]	3000
Operating pressure [kPa]	600
End position control	Yes
Safety kit	No
Frame / panelling	RAL 7016 / RAL 7035

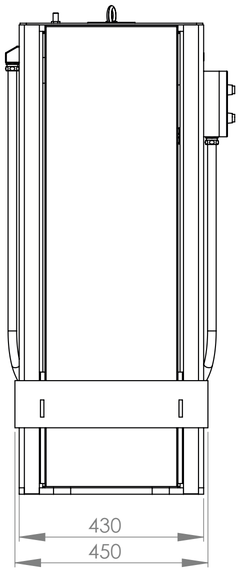
SIDE VIEW

615302
KHG Compact 800
Type A with remote control



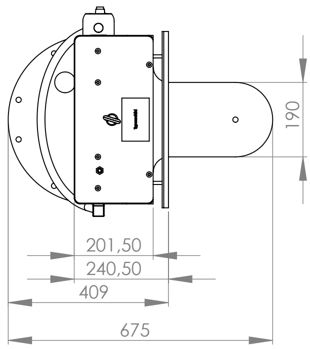
FRONT VIEW

615302 and 615304
KHG Compact 800
Type A with remote control

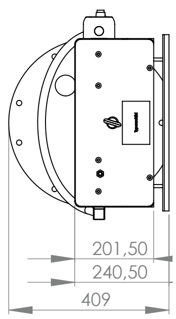


TOP VIEWS

Type A 615302



Type B 615304



Box lifters item descriptions	Suitable for	Payload [N]	Item number
Box lifter 800 Compact type A without safety kit	800	3000	**615302**
Box lifter 800 Compact type B without safety kit	800	3000	**615304**

Single forks item descriptions	Suitable for	Payload [N]	Item number
Single transverse fork KLT 400x600	KHGc type A	2500	**888156**
Single lengthways fork KLT 400x600	KHGc type A	2500	**888157**
Single left side fork KLT 400x600	KHGc type B	2500	**888159**
Single right side fork KLT 400x600	KHGc type B	2500	**888180**

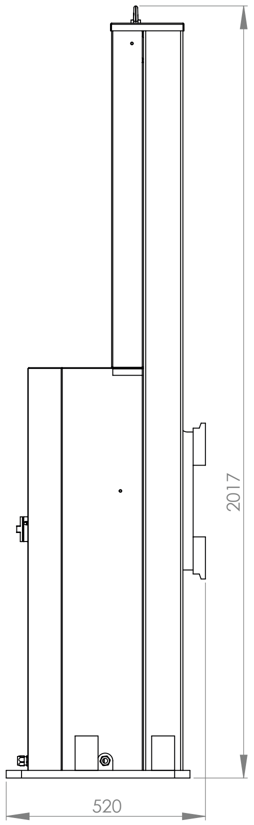
KHG
EH

BOX LIFTER, SL ELECTROHYDRAULIC

Drive type	Electrohydraulic
Maximum lifting height [mm]	1300
Lifting speed [mm/s]	100
Payload [N]	8500 / 10,000
Connection [V/A]	400 / 16
Control voltage [V DC]	24
Adjustable end positions	Yes
Safety equipment	Yes
Frame / panelling	RAL 7016 / RAL 7035

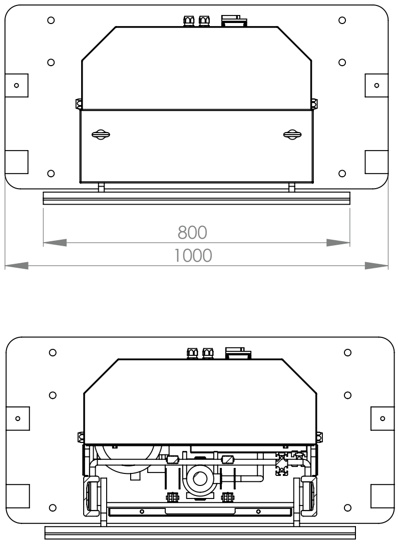
SIDE VIEW

615361
KHG-SL 1300
Electrohydraulic



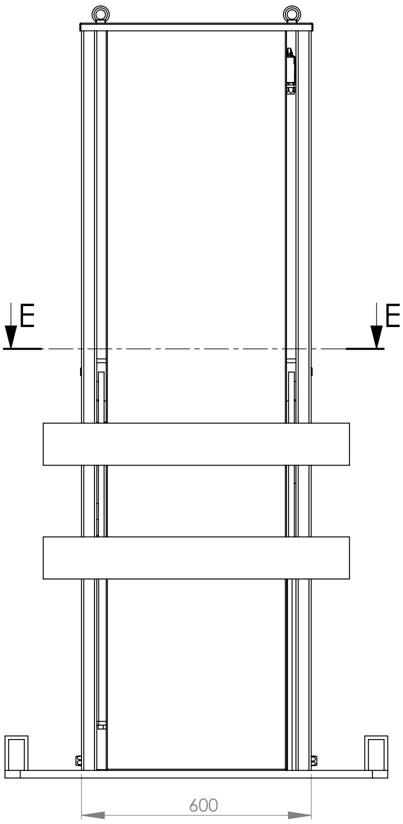
TOP VIEW

615361
KHG-SL 1300
Electrohydraulic

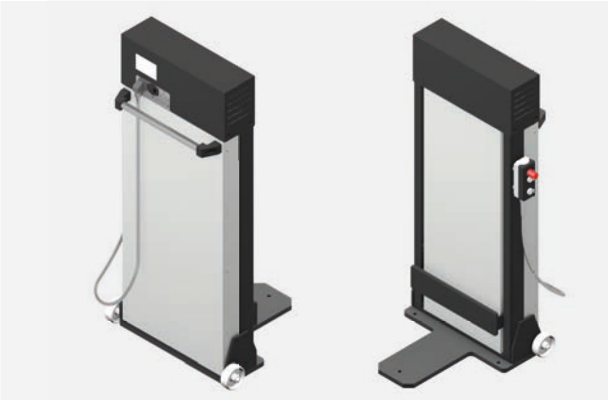


FRONT VIEW

615361
KHG-SL 1300
Electrohydraulic



Box lifters - item descriptions	Suitable for	Payload [N]	Item number
Box lifter 1300 SL electrohydraulic	1300	10,000	**615361**
Box lifter 1300 SL electrohydraulic left	1300	8500	**615361A**
Box lifter 1300 SL electrohydraulic right	1300	8500	**615361B**



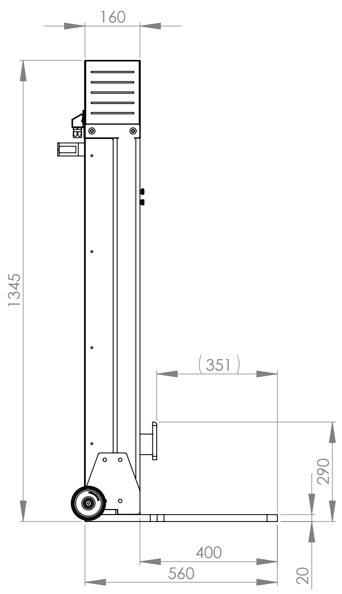
KHG
EM

BOX LIFTER, ELECTRIC, MANUAL

Drive type	Electric
Maximum lifting height [mm]	800 / 1000 / 1300
Lifting speed [mm/s]	45
Payload [N]	2500
Connection [V/A]	230 / 10
Control voltage [V]	230
Adjustable end positions	Yes
Safety kit	Yes
Frame / panelling	RAL 7016 / RAL 7035

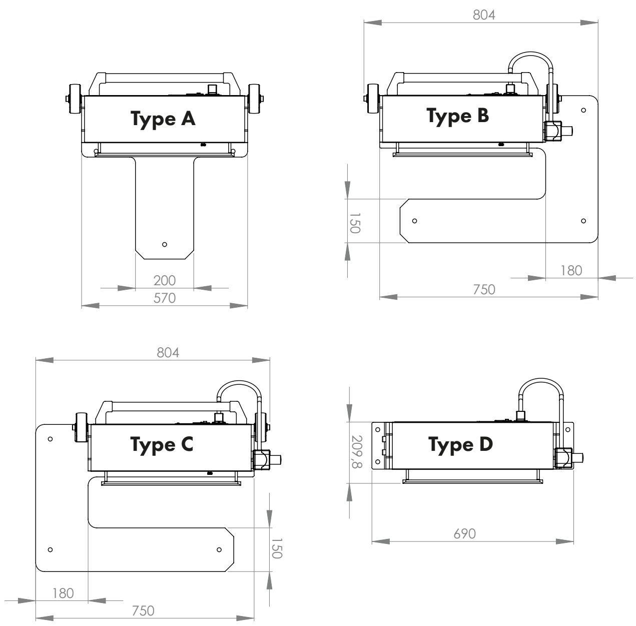
SIDE VIEWS

615085 A
KHG EM 800
Electric, manual



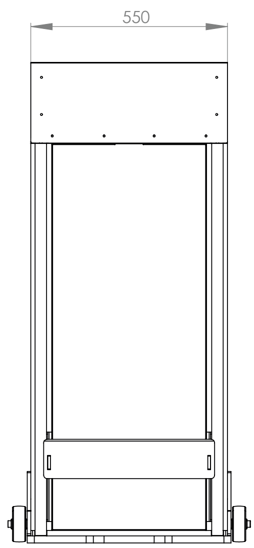
TOP VIEWS

(All types EM)

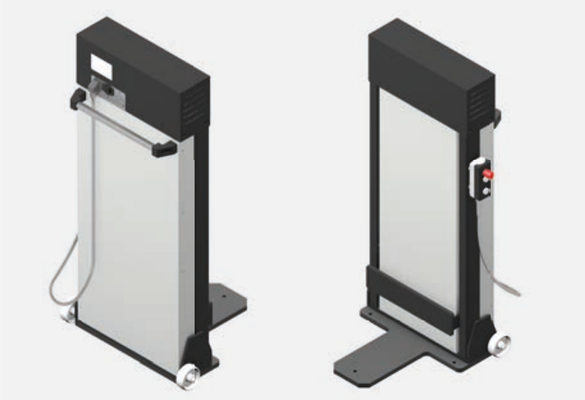


FRONT VIEW

615085 A
KHG EM 800
Electric, manual



Box lifters - item descriptions	Lifting height [mm]	Payload [N]	Item number
Box lifter 800 electric manual - straight **[type A]**	800	2500	**615085 A**
Box lifter 800 electric manual - left **[type B]**	800	2500	**615085B**
Box lifter 800 electric manual - right **[type C]**	800	2500	**615085C**
Box lifter 800 electric manual - stationary **[type D]**	800	2500	**615085D**



KHG EM

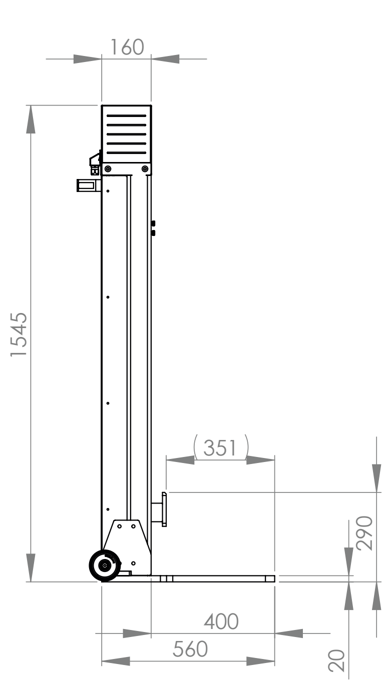
BOX LIFTER, ELECTRIC, MANUAL

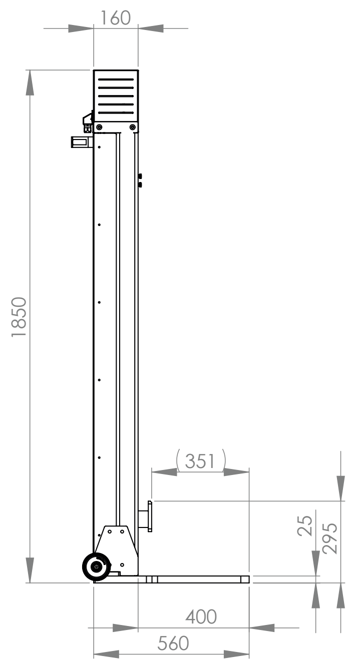
Drive type	Electric
Maximum lifting height [mm]	1000 / 1300
Lifting speed [mm/s]	45
Payload [N]	2500
Connection [V/A]	230 / 10
Control voltage [V]	230
Adjustable end positions	Yes
Safety kit	Yes
Frame / panelling	RAL 7016 / RAL 7035

SIDE VIEWS

615105 A
KHG EM 1000
Electric, manual

615135A
KHG EM 1300
Electric, manual

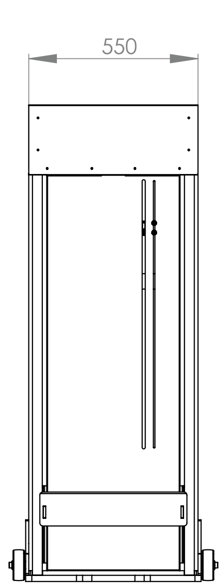


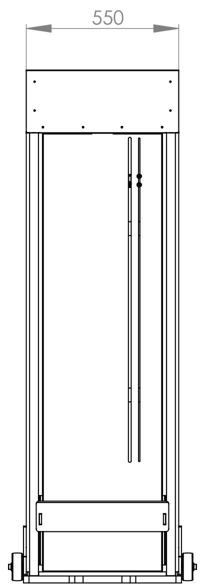


FRONT VIEWS

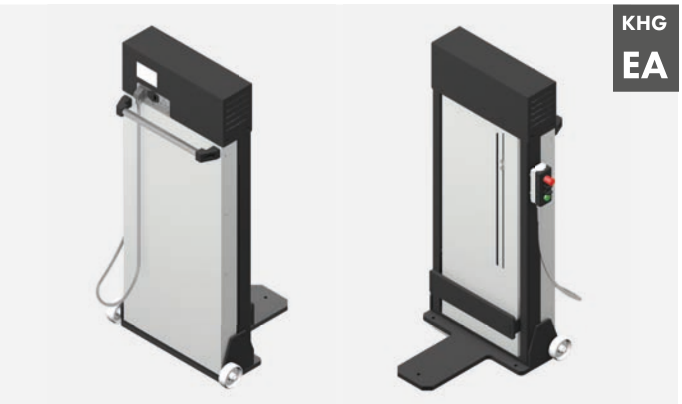
615105 A
KHG EM 1000
Electric, manual

615135A
KHG EM 1300
Electric, manual





Box lifters - item descriptions	Lifting height [mm]	Payload [N]	Item number
Box lifter 1000 electric manual - straight **[type A]**	1000	2500	**615105 A**
Box lifter 1000 electric manual - left **[type B]**	1000	2500	**615105B**
Box lifter 1000 electric manual - right **[type C]**	1000	2500	**615105C**
Box lifter 1000 electric manual - stationary **[type D]**	1000	2500	**615105D**
Box lifter 1300 electric manual - straight **[type A]**	1300	2500	**615135A**
Box lifter 1300 electric manual - left **[type B]**	1300	2500	**615135B**
Box lifter 1300 electric manual - right **[type C]**	1300	2500	**615135C**
Box lifter 1300 electric manual - stationary **[type D]**	1300	2500	**615135D**

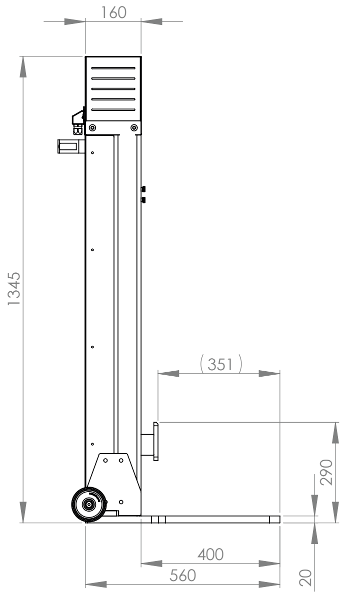


BOX LIFTER, ELECTRIC, AUTOMATIC

Drive type	Electric
Maximum lifting height [mm]	800
Lifting speed [mm/s]	45
Payload [N]	2500
Connection [V/A]	230 / 10
Control voltage [V]	230
Adjustable end positions	Yes
Safety kit	Yes
Frame / panelling	RAL 7016 / RAL 7035

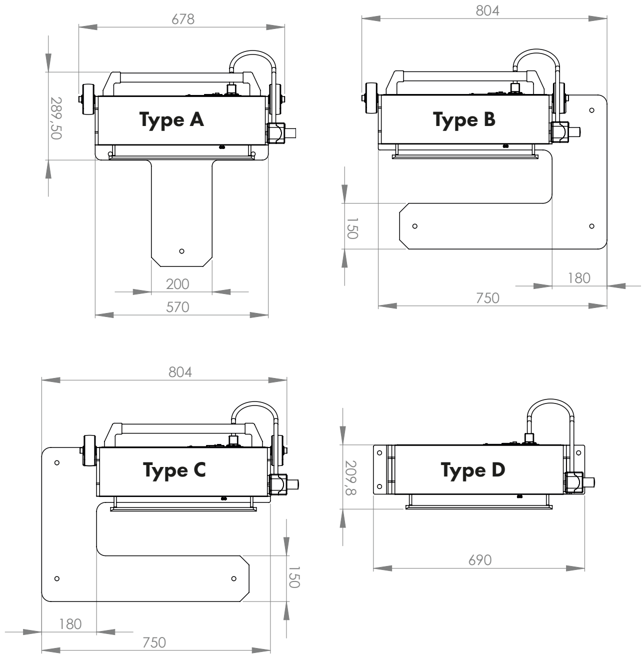
SIDE VIEWS

615086A
KHG EA 800
Electric automatic



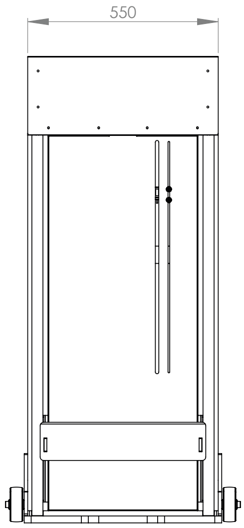
TOP VIEWS

(All types EA)



FRONT VIEW

615086A
KHG EA 800
Electric automatic



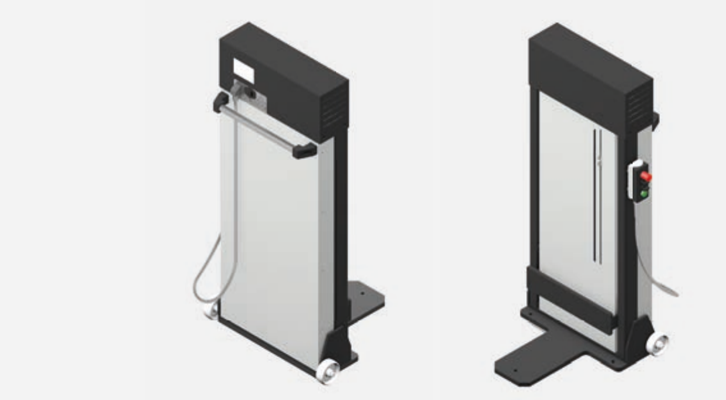
Type A

Type B

Type C

Type D

Box lifters item descriptions	Lifting height [mm]	Payload [N]	Item number
Box lifter 800 electric automatic - straight	800	2500	**615086A**
Box lifter 800 electric automatic - left	800	2500	**615086B**
Box lifter 800 electric automatic - right	800	2500	**615086C**
Box lifter 800 electric automatic - stationary	800	2500	**615086D**



BOX LIFTER, ELECTRIC, AUTOMATIC

Drive type	Electric
Maximum lifting height [mm]	1000 / 1300
Lifting speed [mm/s]	45
Payload [N]	2500
Connection [V/A]	230 / 10
Control voltage [V]	230
Adjustable end positions	Yes
Safety kit	Yes
Frame / panelling	RAL 7016 / RAL 7035

SIDE VIEWS

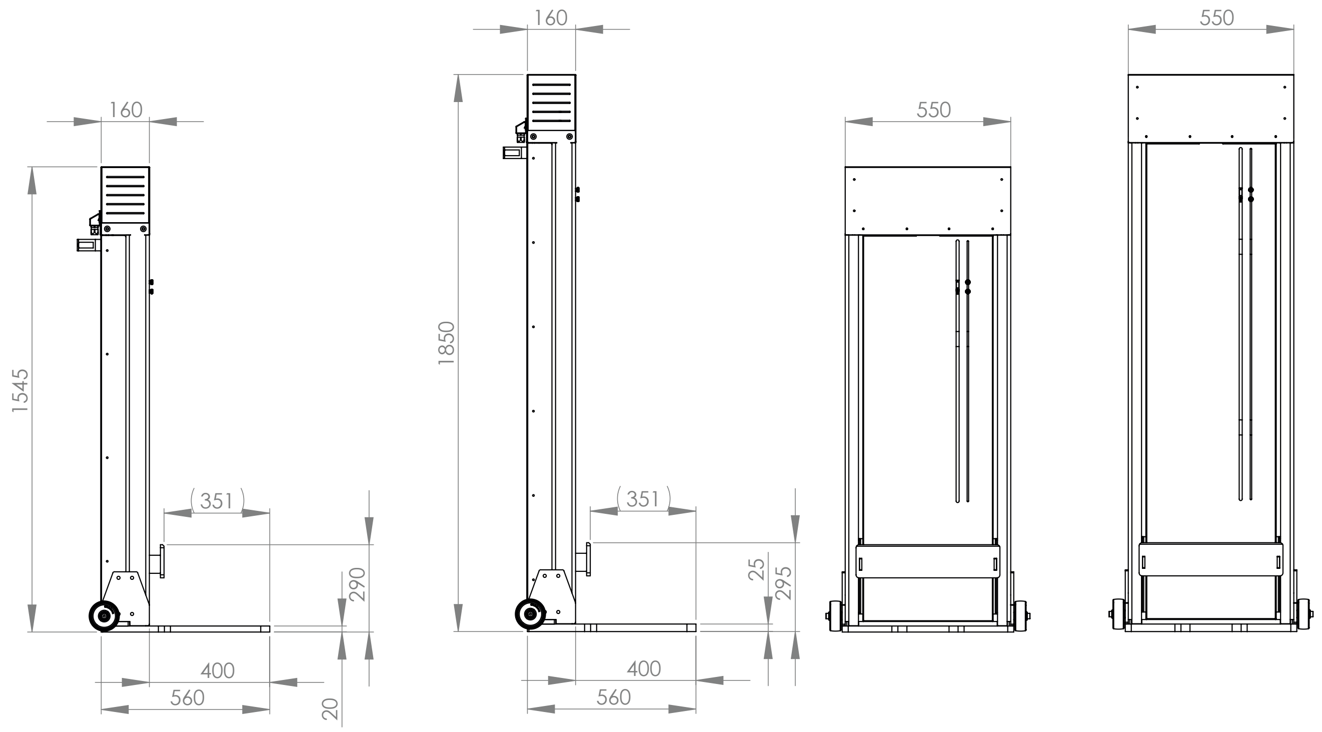
615106A
KHG EA 1000
Electric automatic

615136A
KHG EA 1300
Electric automatic

FRONT VIEWS

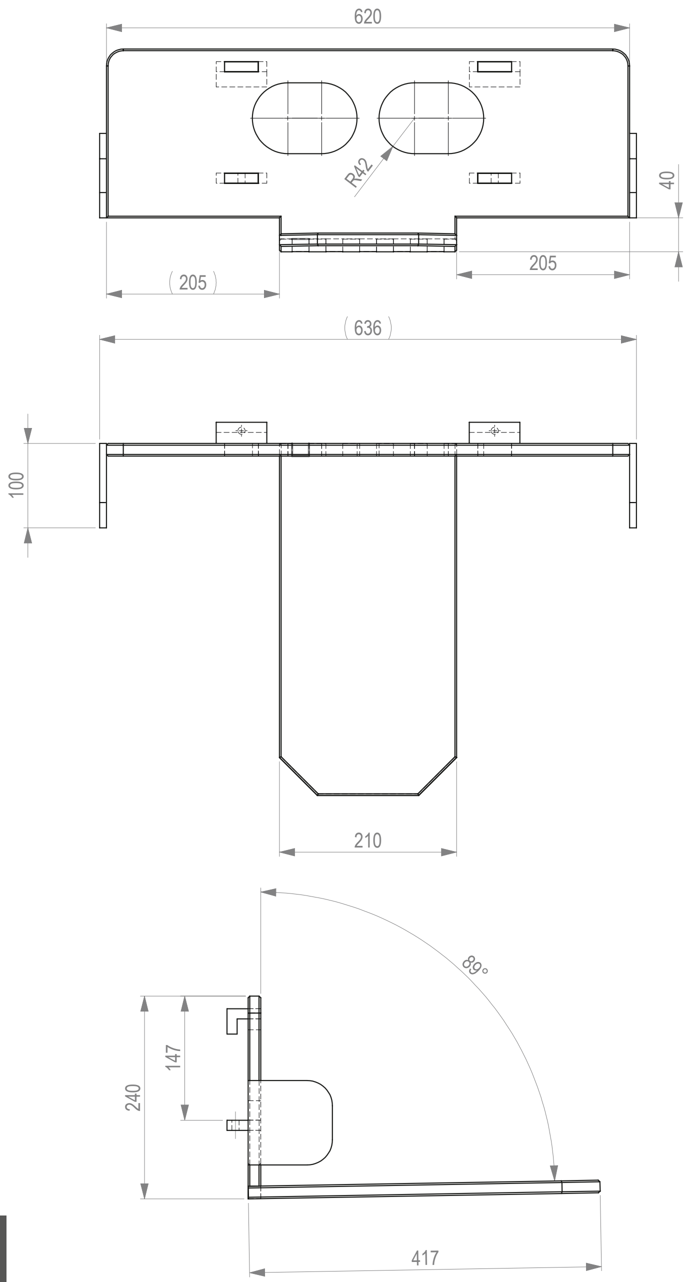
615106A
KHG EA 1000
Electric automatic

615136A
KHG EA 1300
Electric automatic

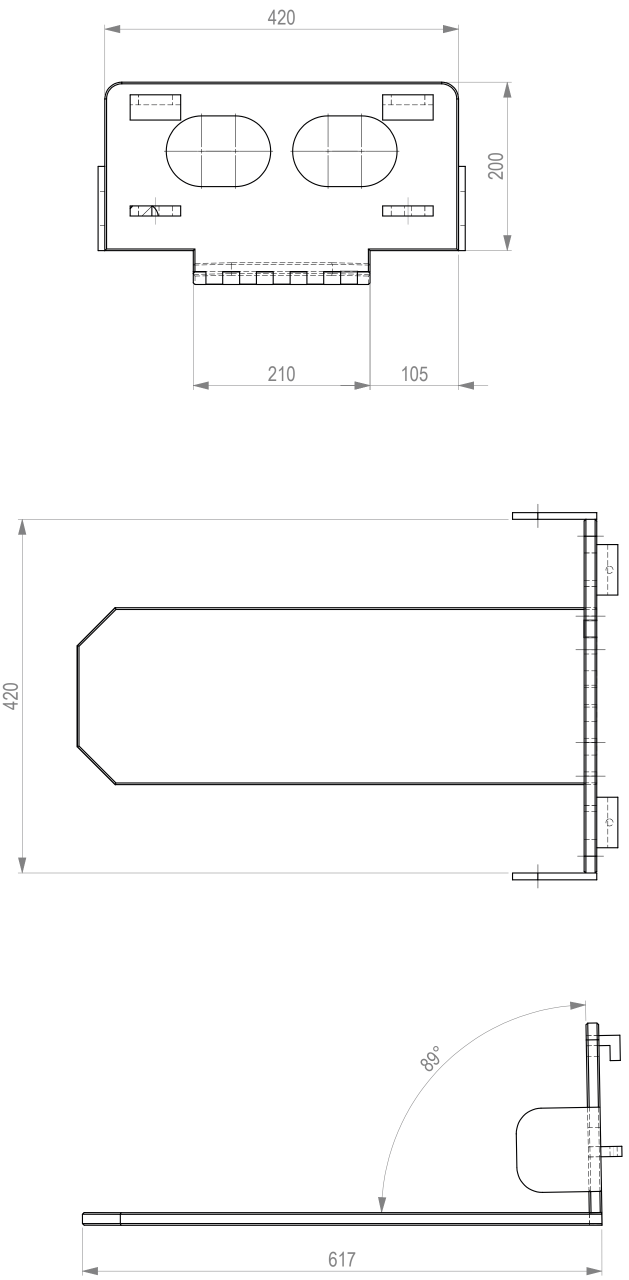


Box lifters item descriptions	Lifting height [mm]	Payload [N]	Item number
Box lifter 1000 electric automatic - straight	1000	2500	**615106A**
Box lifter 1000 electric automatic - left	1000	2500	**615106B**
Box lifter 1000 electric automatic - right	1000	2500	**615106C**
Box lifter 1000 electric automatic - stationary	1000	2500	**615106D**
Box lifter 1300 electric automatic - straight	1300	2500	**615136A**
Box lifter 1300 electric automatic - left	1300	2500	**615136B**
Box lifter 1300 electric automatic - right	1300	2500	**615136C**
Box lifter 1300 electric automatic - stationary	1300	2500	**615136D**

888156
Single fork, transverse form



888157
Single fork, lengthways form

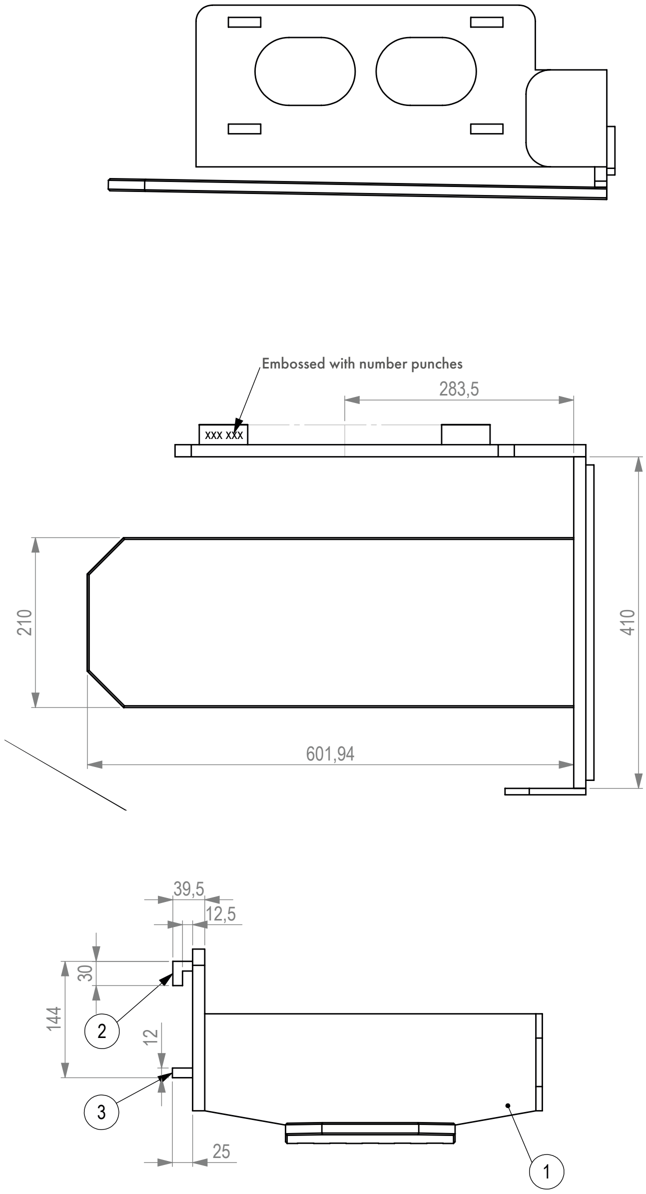


Item description	Payload [N]	Item number
Single transverse fork KLT 400x600	2500	**888156**
Single lengthways fork KLT 400x600	2500	**888157**

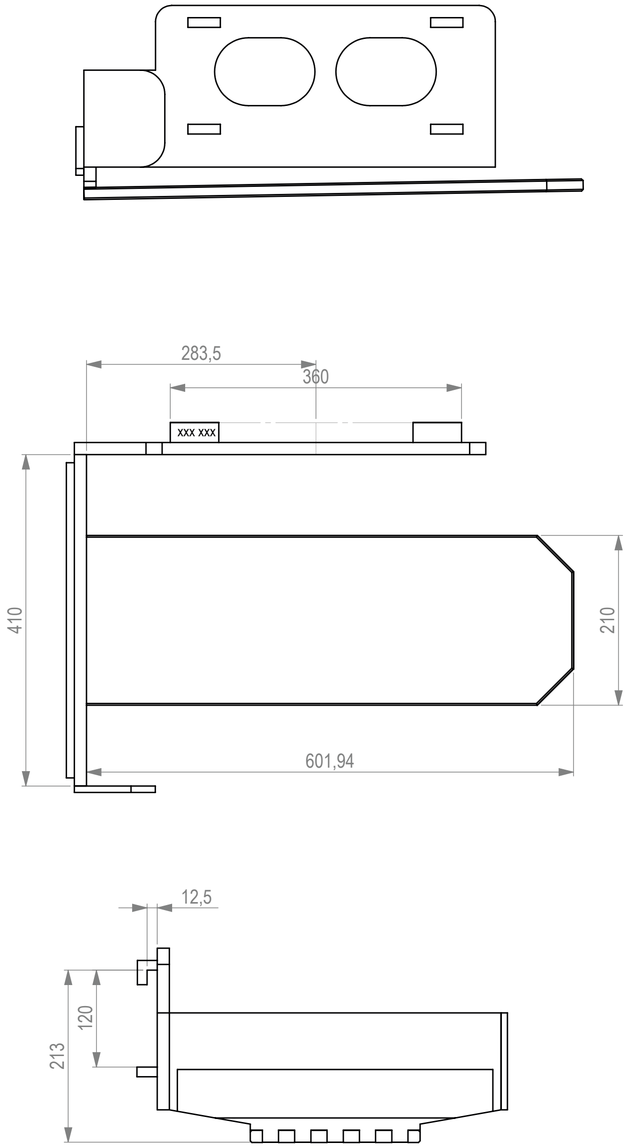
IMPORTANT:

Standard forks are suitable for pneumatic and electric box lifters.

888159
Single left side fork



888180
Single right side fork



Item description	Payload [N]	Item number
Single left side fork KLT 400x600	2500	**888159**
Single right side fork KLT 400x600	2500	**888180**

IMPORTANT:

Standard forks are suitable for pneumatic and electric box lifters.

SIGNS AND SYMBOLS

......................Components for series 45 B

......................Components for series 40 i

......................Components for series 40 i and 45 B

......................Slot specifications


......................ESD symbol for products that are electrostatically dissipative


......................Pages showing product overviews

PANEL ELEMENTS....................................From page 454

MULTIBLOCKS

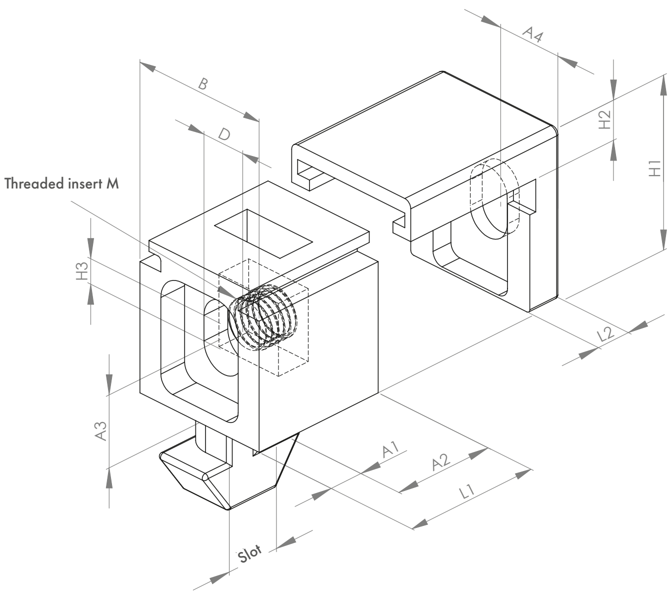
Material: PA plastic (black), glass fibre reinforced (GRP)

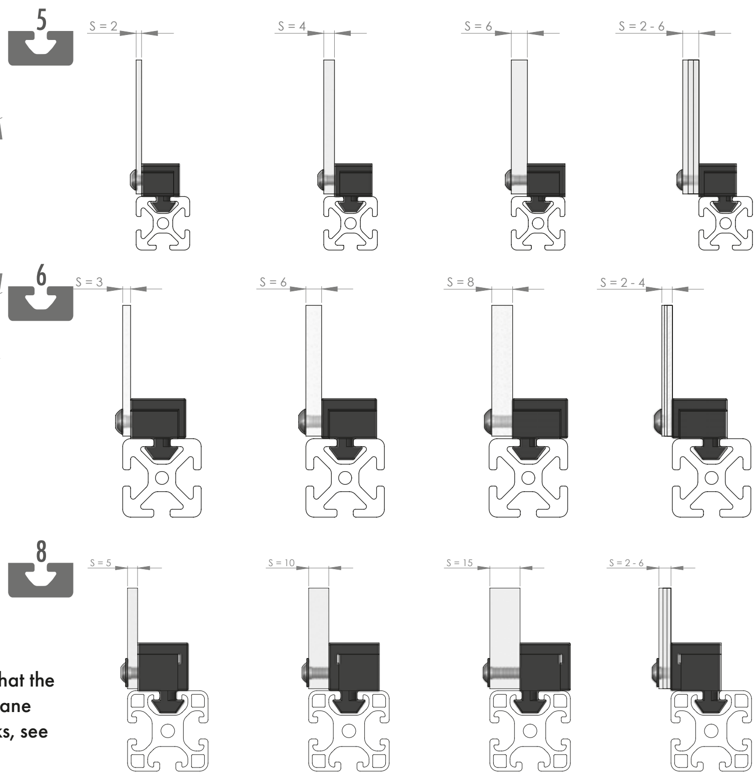
For fastening panel elements of all kinds

Varied range of applications

For a wide selection of panel thicknesses

The panel thicknesses (S) stated in the drawings are our recommendations for ensuring proper installation of panels on profiles.





In the view on the right showing an overhanging pane, it must be noted that the overhang increases the exterior dimensions of your construction by the pane thickness. For information on selecting the spacing of the individual blocks, see P. 469

Description	M	Slot (mm)	D (mm)	A1 (mm)	A2 (mm)	A3 (mm)	A4 (mm)	B (mm)	H1 (mm)	H2 (mm)	H3 (mm)	L1 (mm)	L2 (mm)	Vers.	Weight (g)	Series	Art. no.:
Multiblock 5 M4, 2 parts	4	5	4.5	4	10	6.5	6	12	12.25	3.25	2	12	2	-	2.5	(i)	**411062**
Multiblock 6 M5, 2 parts	5	6	6	6	12	6.5	7.5	15	15.5	4.5	3	18	3	-	5.5	(i)	**411064**
Multiblock 8 M6, 2 parts	6	8	6.5	5	11	10	9.9	20	24	5.5	3.5	20	5	-	13.1	(i)	**411065**
Multiblock 8 40 M6, 2 parts with captive screw	6	8	6.5	5	11	10	9.9	20	24	5.5	3.5	20	5	Fas-tening kit*	18.3	(i)	**411075**

Fastening kit:*
With captive screw and O-ring for standard-compliant fastening of panel elements

8 10

MULTIBLOCKS

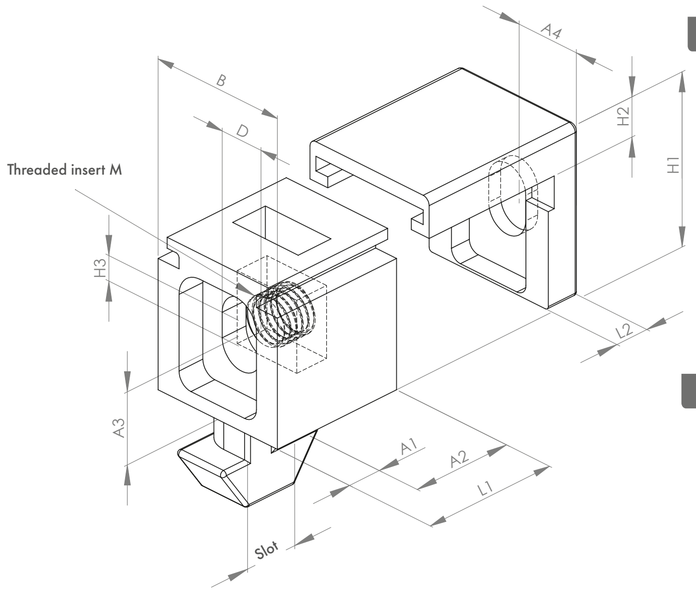
For fastening panel elements of all kinds

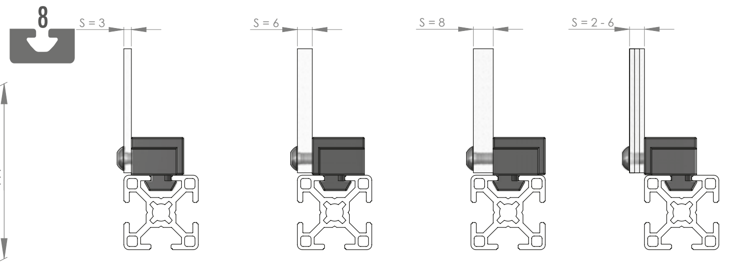
Varied range of applications

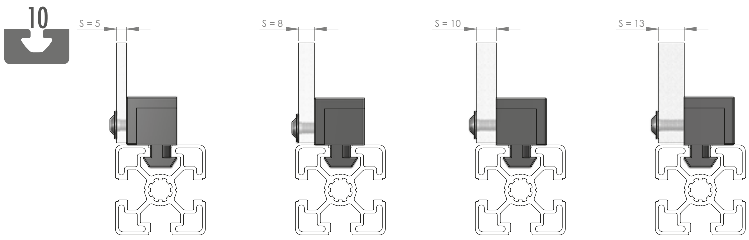
For a wide selection of panel thicknesses

The panel thicknesses (S) stated in the drawings are our recommendations for ensuring near-flush installation of panels on profiles.

For information on selecting the spacing of the individual blocks, see P. 469







Description	Slot (mm)	D (mm)	A1 (mm)	A2 (mm)	A3 (mm)	A4 (mm)	B (mm)	H1 (mm)	H2 (mm)	H3 (mm)	L1 (mm)	L2 (mm)	Vers.	Weight (g)	Series	Art. no.:
Multiblock slot 8 M5 2 parts	8	6	6	12	6.75	7.5	15	15.25	4.5	3	18	3	-	5.5	(B)	**411069**
Multiblock slot 10 M6 2 pieces	10	7	8	12	10	10	20	24	5.5	3	20	5	-	14.5	(B)	**411070**
Multiblock slot 10 M6 with captive screw	10	7	8	12	10	10	20	24	5.5	3	20	5	Fas-tening kit*	19.1	(B)	**411080**

Fastening kit:*
With captive screw and O-ring for standard-compliant fastening of panel elements

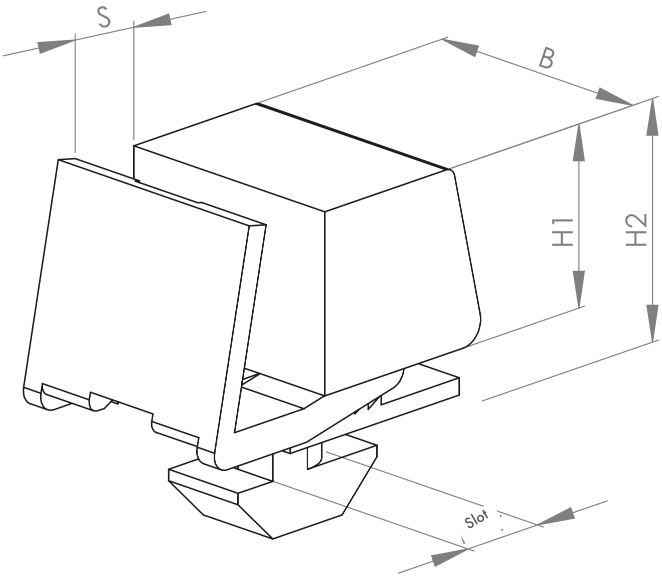
CLAMPING BLOCK

Material: PA plastic (black), glass fibre reinforced (GRP)

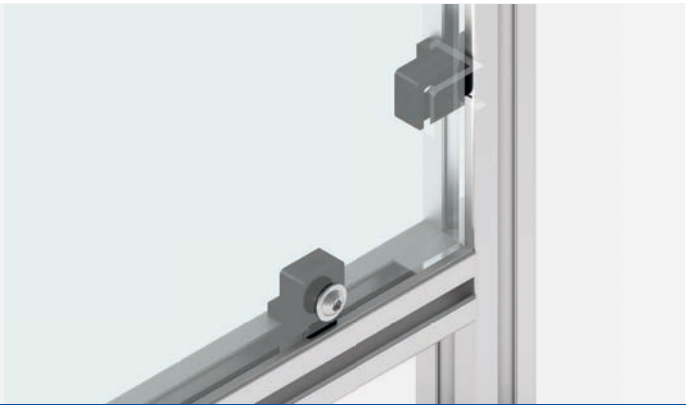
For fastening panel elements of all kinds

For a wide selection of panel thicknesses

Fixed spacing between profile and panel element



Description	Slot (mm)	B (mm)	H1 (mm)	H2 (mm)	S (mm)	Weight (g)	Series	Art. no.:
Clamping block 8	**8**	22	16	21	1 - 9	7.8	**(i)**	**411015**
Clamping block slot 8	**8**	22	16	21	1 - 9	7.2	**(B)**	**411010**
Clamping block slot 10	**10**	22	16	21	1 - 9	8.5	**(B)**	**411020**



8 10

VARIOFIX BLOCKS

Variofix blocks: PA plastic (black / grey), glass fibre reinforced (GRP)

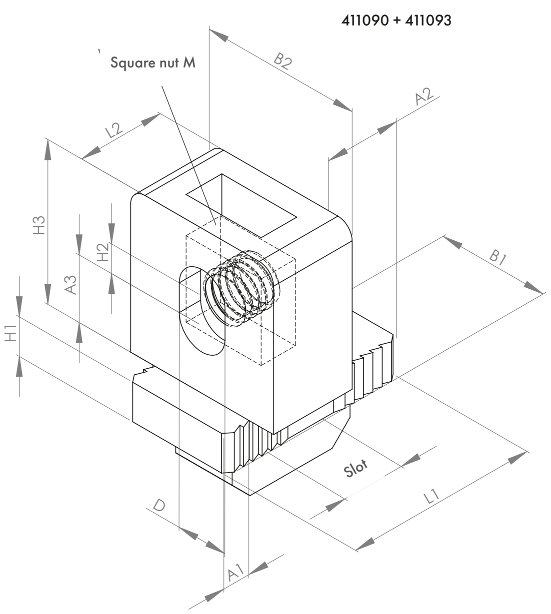
Locking bracket: PA plastic (transparent)

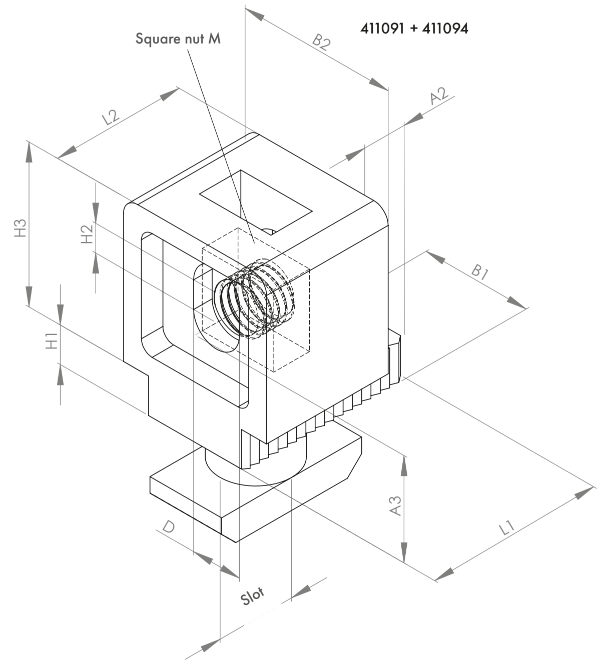
For fastening panel elements of all kinds

Varied range of applications

For a wide selection of panel thicknesses

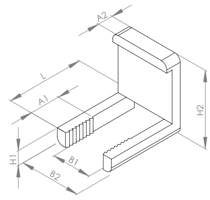
For information on selecting the spacing of the individual blocks, see P. 466-467





Description	M	Slot (mm)	D (mm)	A1 (mm)	A2 (mm)	A3 (mm)	B1 (mm)	B2 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	L1 (mm)	L2 (mm)	Colour	Version	Weight (g)	Art. no.:
Variofix block slot 8, black	6	**8**	6.4	3.5	9.5	8.2	14	20	4.8	3.6	20	24	11	Black	Fastening kit*	9.1	**411090**
Variofix block slot 8, grey	6	**8**	6.4	3.5	9.5	8.2	14	20	4.8	3.6	20	24	11	Grey	Fastening kit*	9.1	**411098**
Variofix block slot 10, black	6	**10**	6.4	-	5.5	13	14	20	4.8	3.6	20	22.5	17	Black	Fastening kit**	10.6	**411091**
Variofix block slot 10, grey	6	**10**	6.4	-	5.5	13	14	20	4.8	3.6	20	22.5	17	Grey	Fastening kit**	10.6	**411094**

Fastening kit:*	Fastening kit:**
With square nut M6, steel zinc-plated	With square nut M6, steel, zinc-plated and locking ring M6, PA plastic



Accessories:	Slot	L	A1	A2	B1	B2	H1	H2	Colour	Weight (g)	Art. no.:
Locking bracket slot 8 / slot 10, PA, transparent	8 / 10	26	11.5	5	9.3	20.5	3.9	26	Transparent	2.4	**411092**

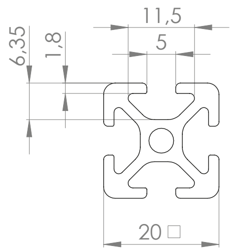
BASIC INFORMATION ON PANEL FASTENERS:

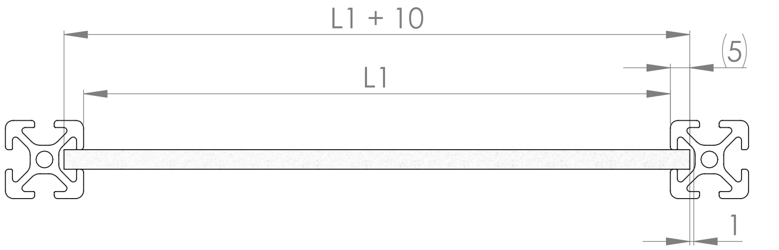
Due to the different slot depths of the various profiles, certain formulas can be used to calculate the edges for panel elements, such as polycarbonate panels, compact panels or similar. These allow you to determine the exact size of the element being edged and greatly simplify both the construction and installation in the respective profile.

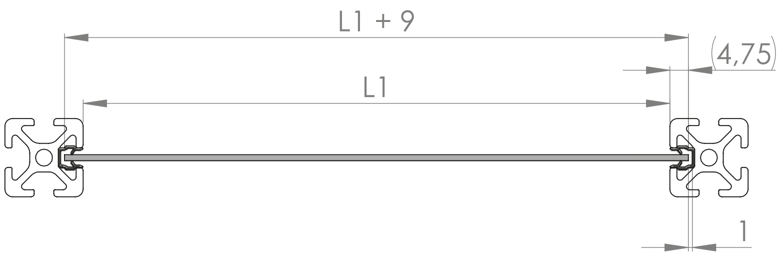
To do this, select the profile type you want to use or use the slot shape/ size and slot depth.

- The top view shows the option of enclosing the panel elements directly in the slot without using any additional edging material.
- The bottom view shows the option of enclosing panel elements using an edging profile that matches the profile slot.

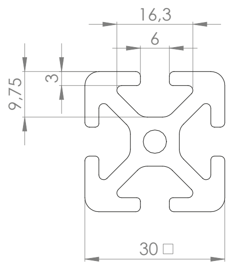
SLOT 5 (i)

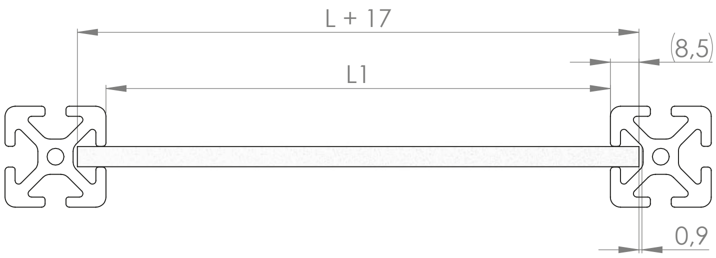


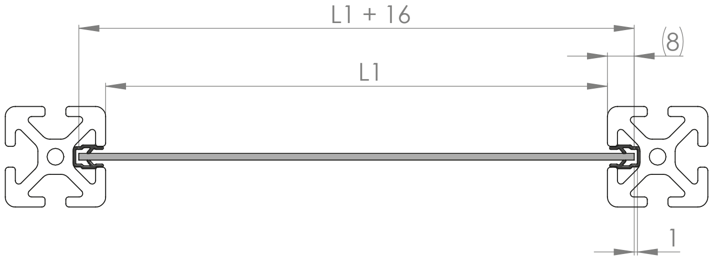




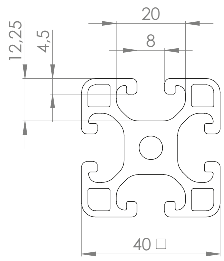
SLOT 6 (i)

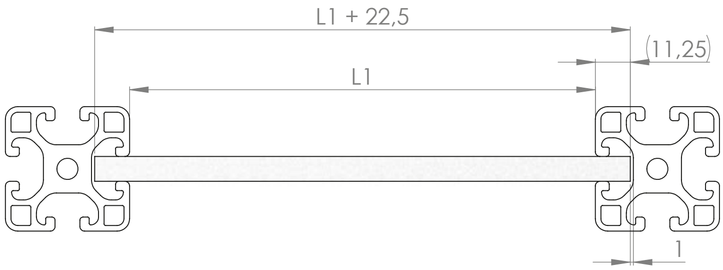


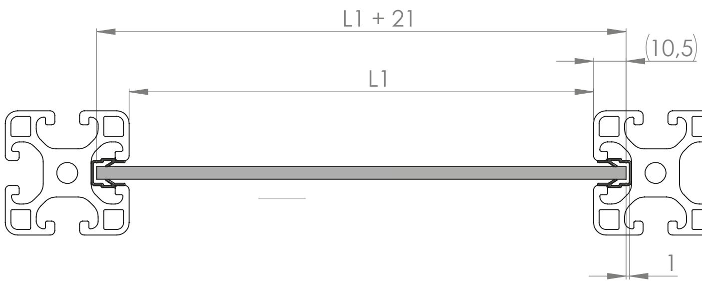




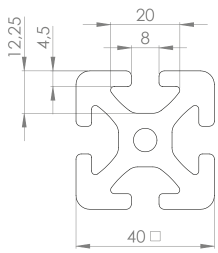
SLOT 8 (i) LIGHT

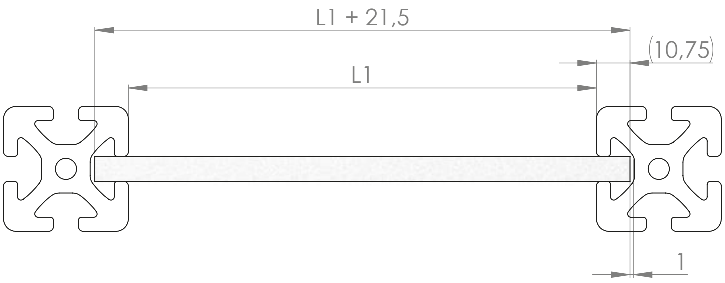


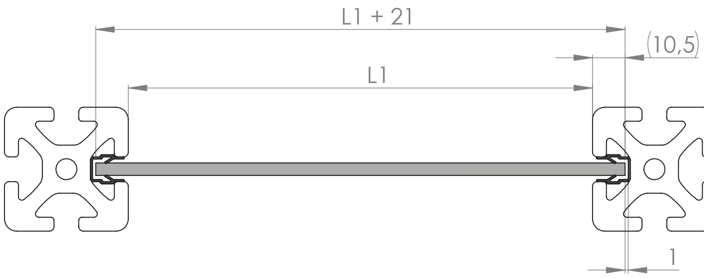




SLOT 8 (i) HEAVY-DUTY







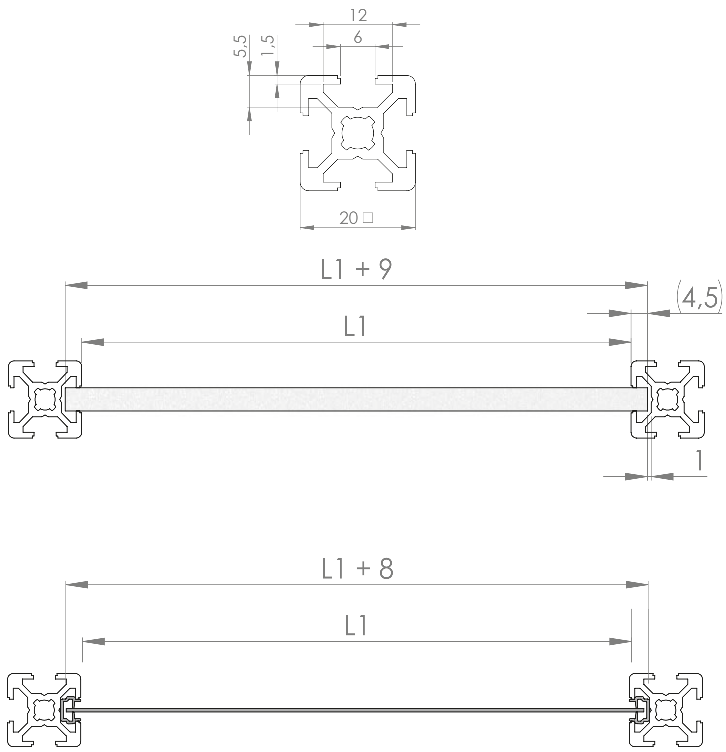
BASIC INFORMATION ON PANEL FASTENERS:

Due to the different slot depths of the various profiles, certain formulas can be used to calculate the edges for panel elements, such as polycarbonate panels, compact panels or similar. These allow you to determine the exact size of the element being edged and greatly simplify both the construction and installation in the respective profile.

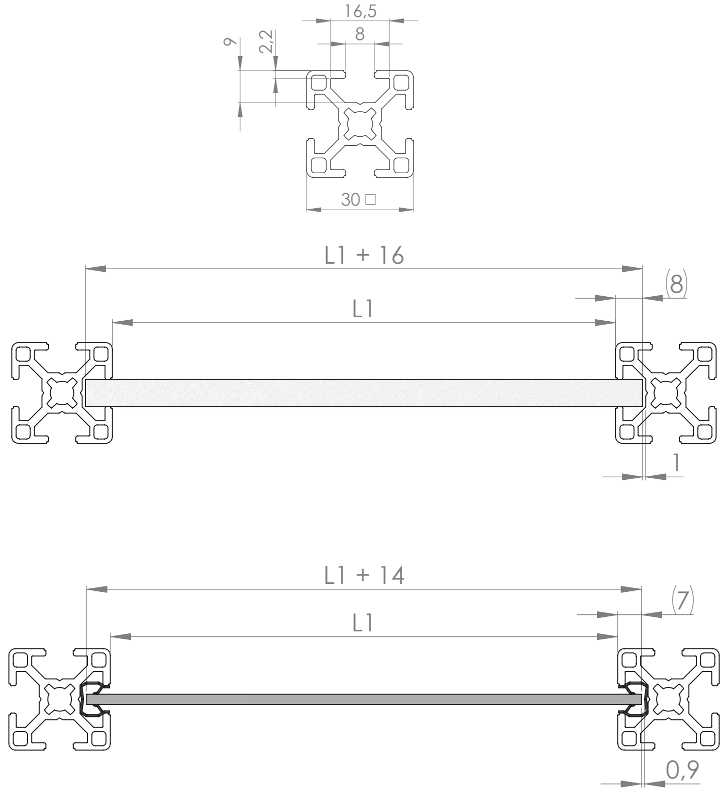
To do this, select the profile type you want to use or use the slot shape/ size and slot depth.

- The top view shows the option of enclosing the panel elements directly in the slot without using any additional edging material.
- The bottom view shows the option of enclosing panel elements using an edging profile that matches the profile slot.

6 B SLOT 6 (B)

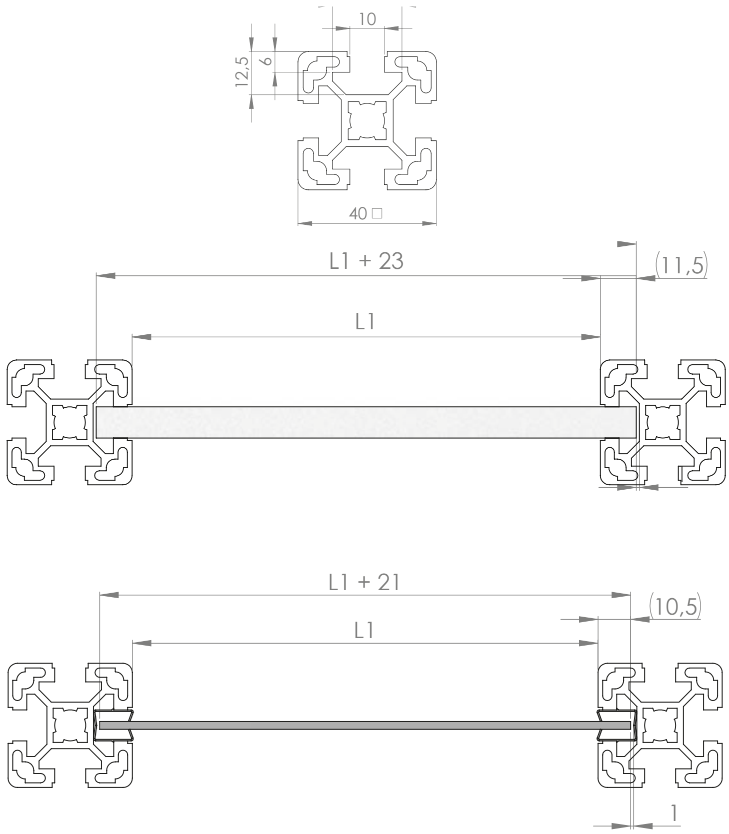


8 B SLOT 8 (B)



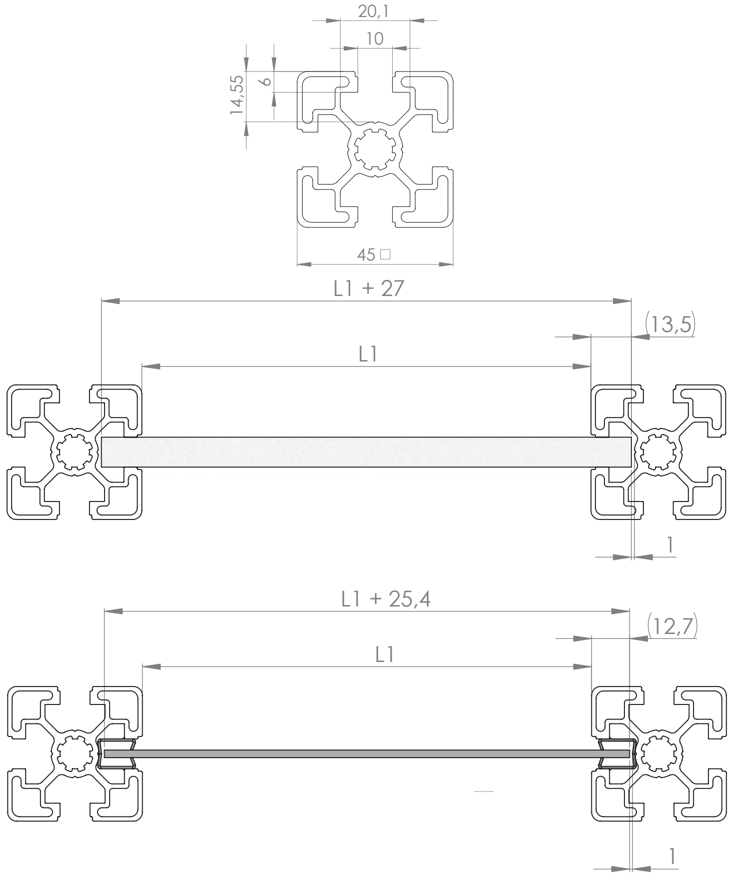
10 B

SLOT 10 (B) LIGHT



10 B

SLOT 10 (B) LIGHT



BASIC INFORMATION ON PANEL FASTENERS:

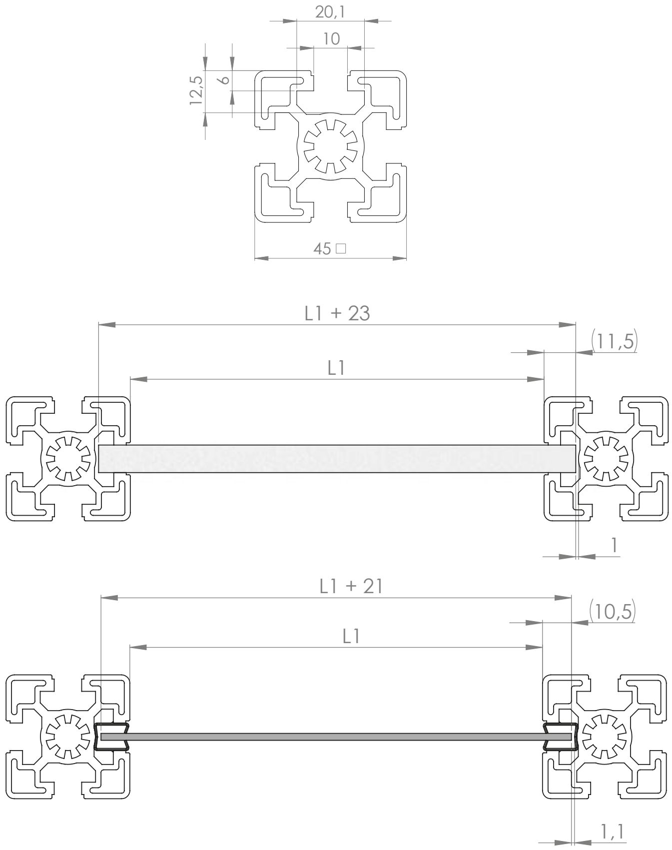
Due to the different slot depths of the various profiles, certain formulas can be used to calculate the edges for panel elements, such as polycarbonate panels, compact panels or similar. These allow you to determine the exact size of the element being edged and greatly simplify both the construction and installation in the respective profile.

To do this, select the profile type you want to use or use the slot shape/ size and slot depth.

- The top view shows the option of enclosing the panel elements directly in the slot without using any additional edging material.
- The bottom view shows the option of enclosing panel elements using an edging profile that matches the profile slot.

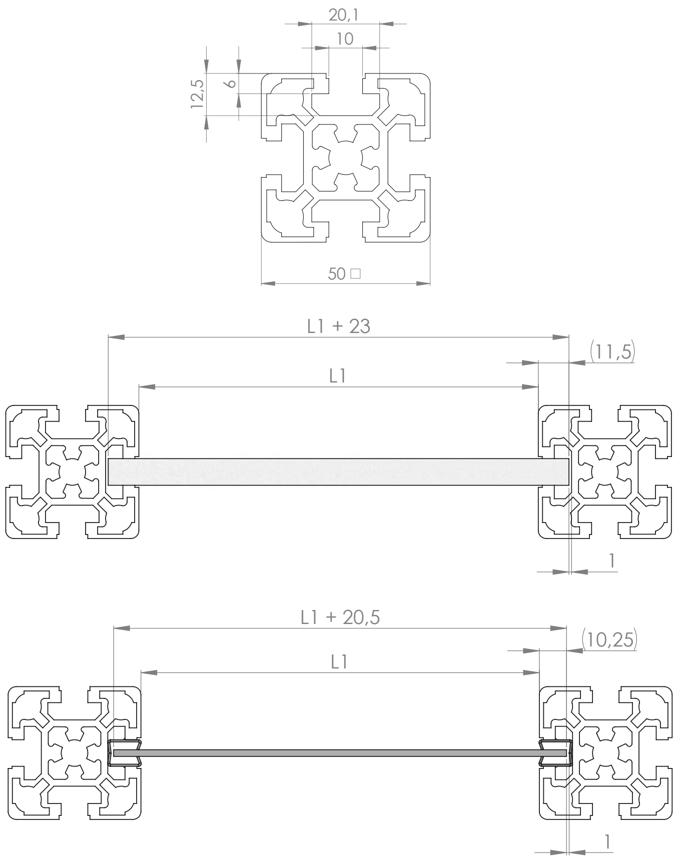
10 B

SLOT 10 (B) HEAVY-DUTY



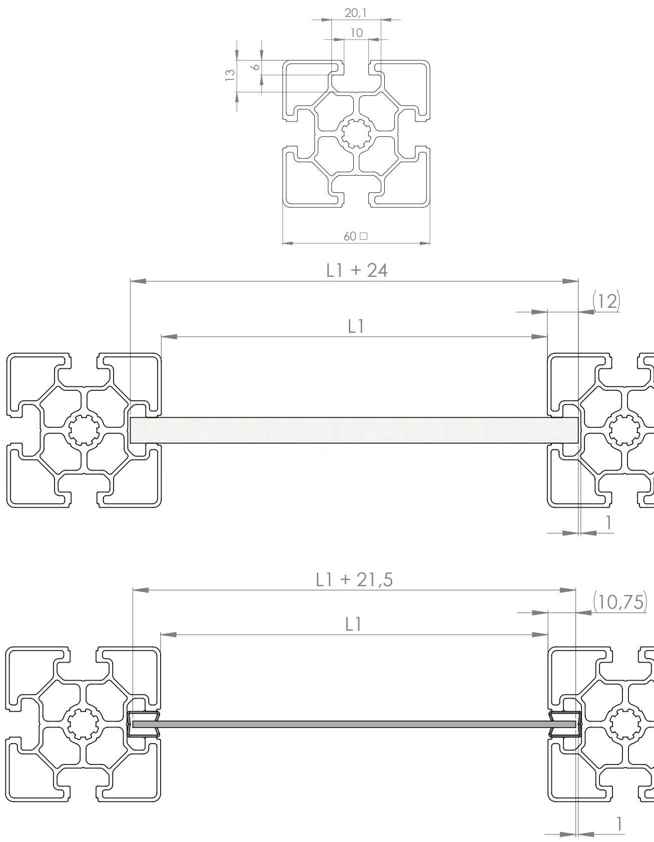
10 B

SLOT 10 (B) HEAVY-DUTY



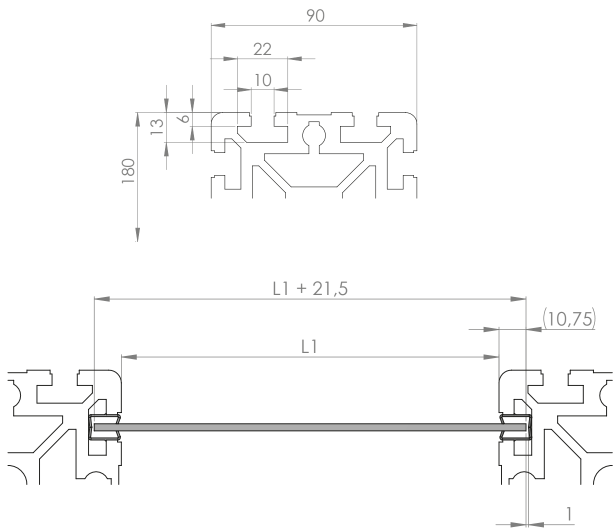
10 B

SLOT 10 (B) HEAVY-DUTY



10 B

SLOT 10 (B) HEAVY-DUTY



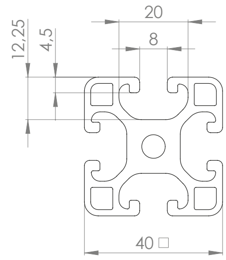
BASIC INFORMATION ON PANEL FASTENERS:

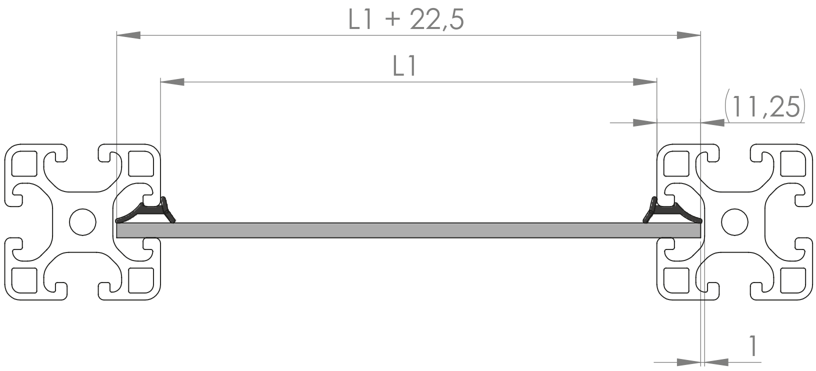
Due to the different slot depths of the various profiles, certain formulas can be used to calculate the edges for panel elements, such as polycarbonate panels, compact panels or similar. These allow you to determine the exact size of the element being edged and greatly simplify both the construction and installation in the respective profile.

To do this, select the profile type you want to use or use the slot shape/size and slot depth.

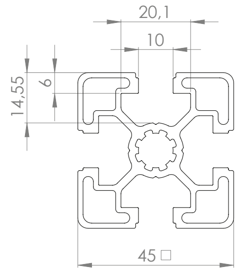
- The top view shows the option of enclosing the panel elements directly in the slot without using any additional edging material.
- The bottom view shows the option of enclosing panel elements using an edging profile that matches the profile slot.

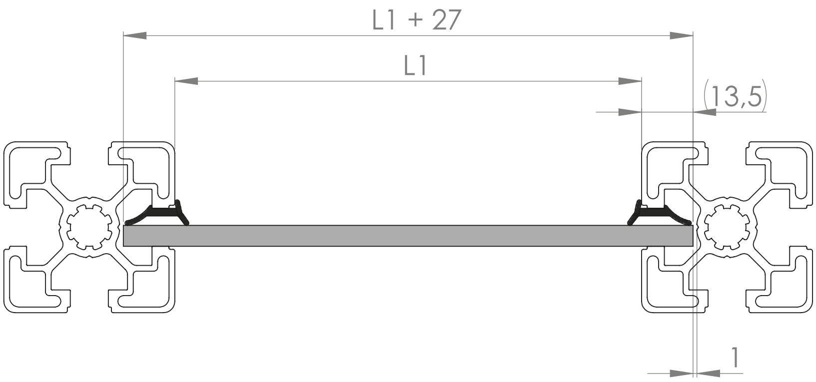
SLOT 8 (i)





SLOT 10 (B)





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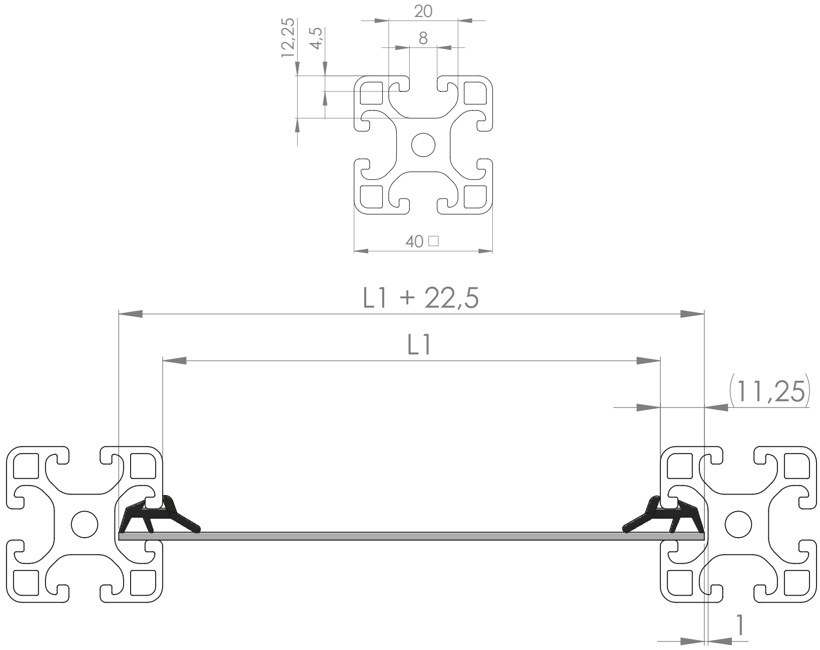

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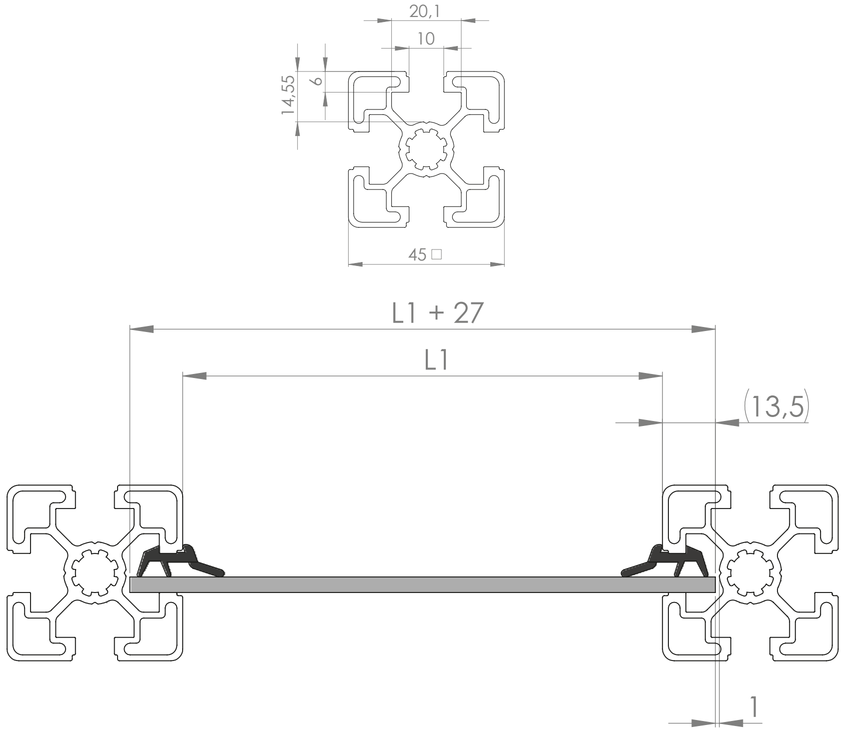

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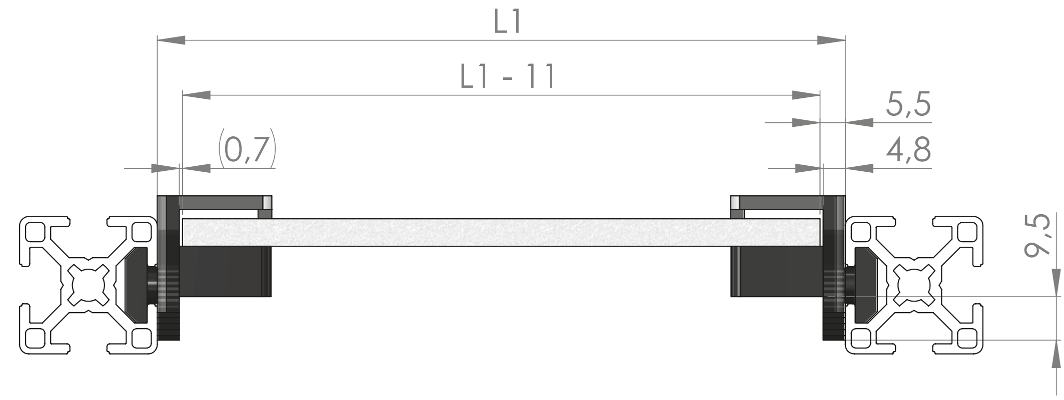
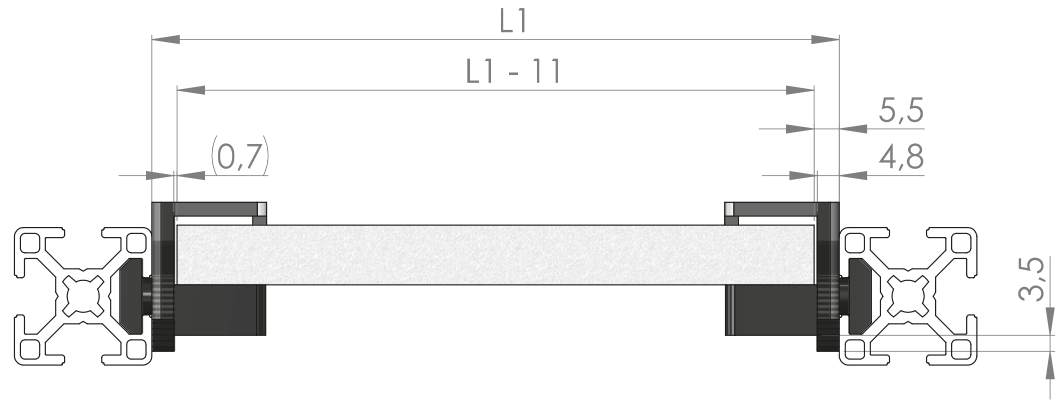
SLOT 8 (B)


L1
L1 - 11
5,5
(0,7)
4,8
9,5


L1
L1 - 11
5,5
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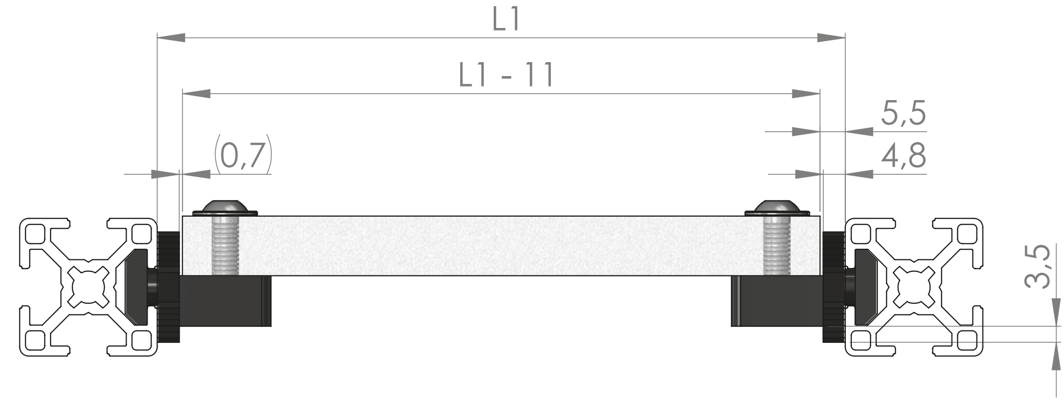
4,8
3,5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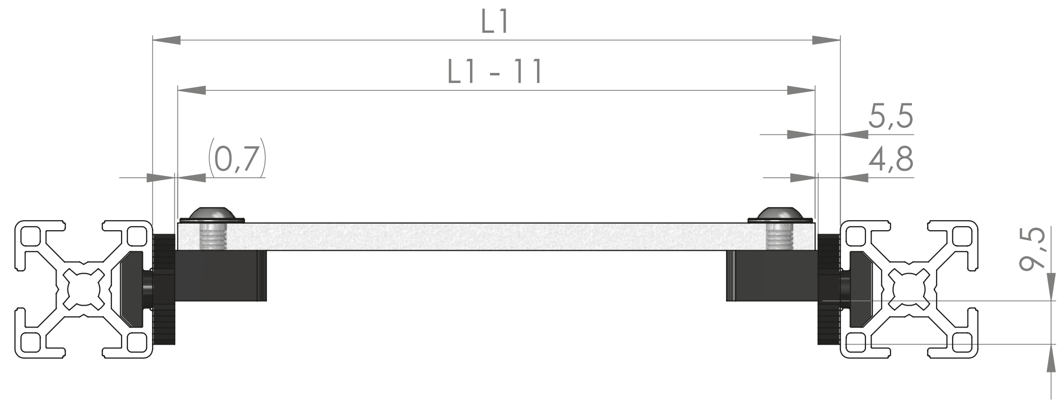
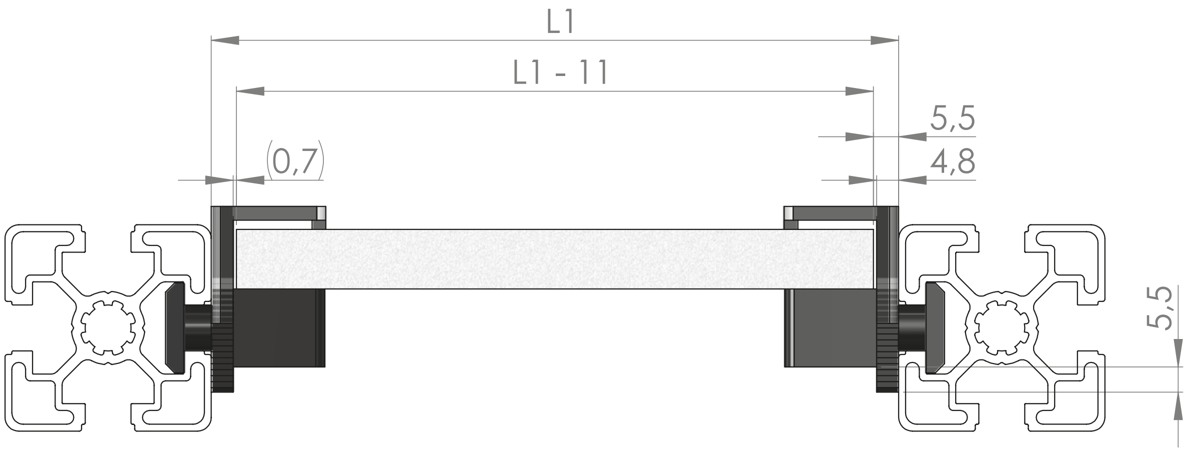
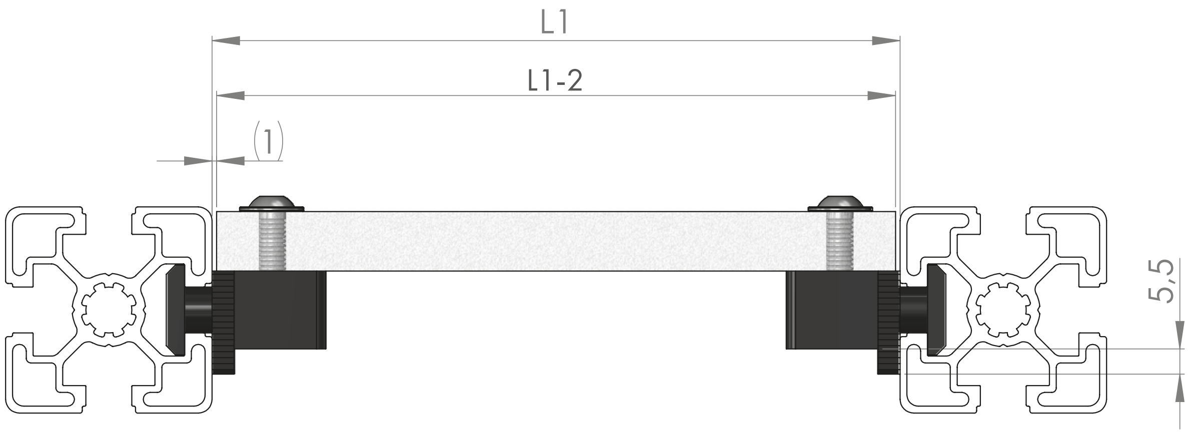
L1 - 11
5,5
(0,7)
4,8
3,5

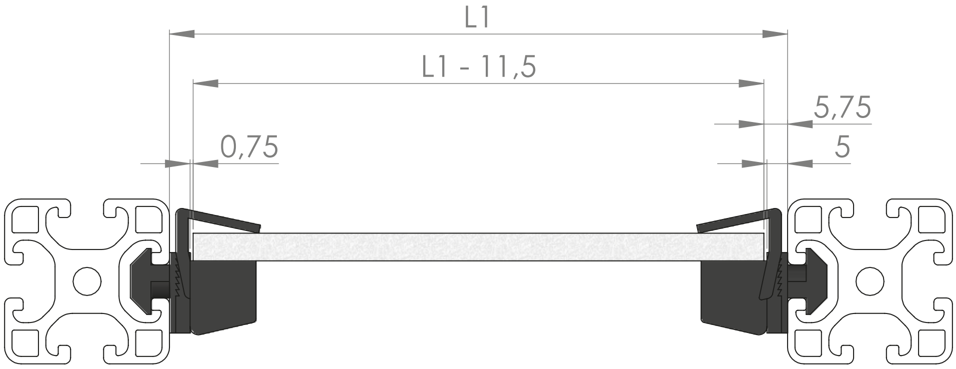

L1
L1 - 11
5,5
(0,7)
4,8
9,5

10 **B** SLOT 10 (B)

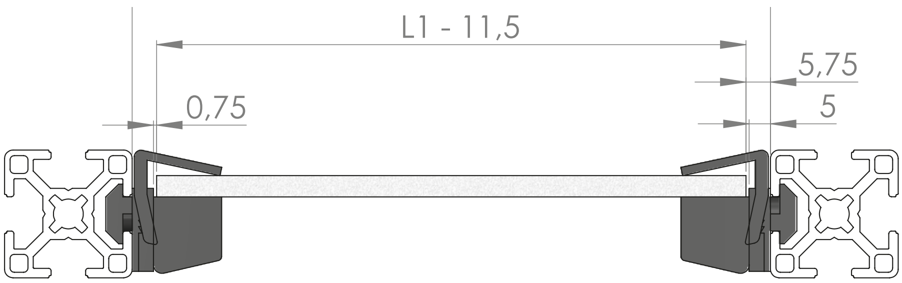




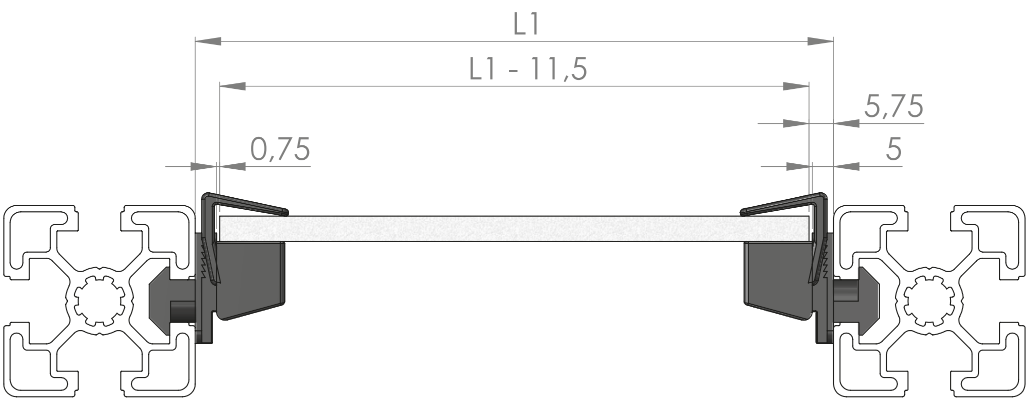
SLOT 8 (i)



SLOT 8 (B)

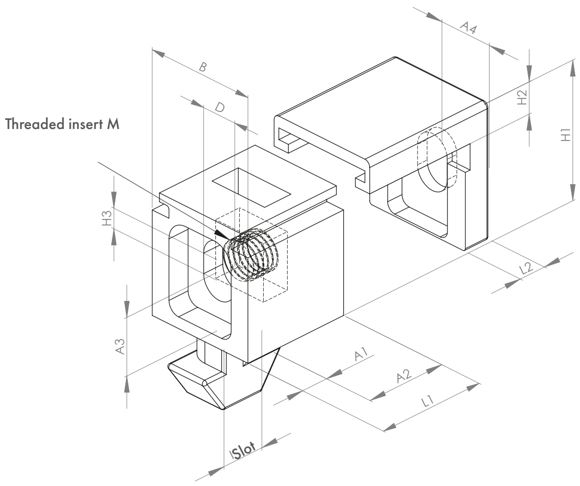


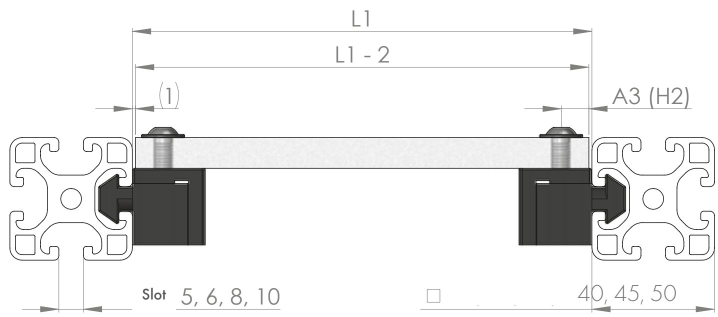
SLOT 10 (B)



Do you need help determining the size of your panel elements?

Then use the following drawings as a guide:



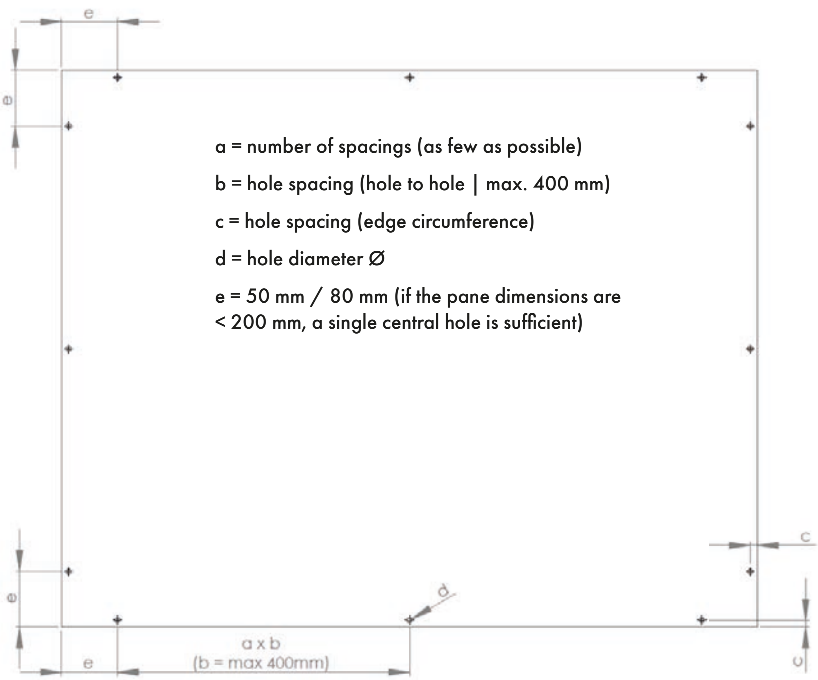


A few points must be considered when determining where the holes should go:

It is important to keep the number of hole spacings as low as possible to generate the maximum holding force from the smallest number of holes while still creating a visually uniform pattern of holes.

To help you to do so, we have created this table for you to use as a guide when processing panel elements. When selecting the **(c)** hole spacing (edge circumference), refer to the multiblock being used and its threaded insert **(A3 and H3)** in the multiblock drawing.

The two **(e)** spacings were chosen to allow the Multiblock to be placed at the corners of the panel element in a way that does not obstruct any profile processing actions. (Select the spacings to suit your profile processing).



A

ACCESSORIES AND ROLLER CONVEYORS

BALL CASTOR . . . 371

CONVEYOR ROLLERS . . . 339

CONVEYOR ROLLERS FOR ROLLER CONVEYORS . . . 370

MOUNTING KIT FOR WHEELS . . . 378

ROLL HOLDER . . . 370

AIR BARS

AIR BARS . . . 406

AIR BAR SET . . . 406

AIR BAR SCREW-IN FITTINGS

QUICK-ACTION COUPLINGS . . . 408

PLUG NIPPLE WITH MALE THREAD . . . 409

REDUCING NIPPLE . . . 407

SEALING PLUG WITH MALE THREAD . . . 410

ALUMINIUM LIGHT STRIPS (LED) . . .

LED ALUMINIUM LIGHT STRIPS . . . 438

LED ALUMINIUM LIGHT STRIP SET . . . 438

ALUMINIUM PROFILES

PROFILE SERIES 40I . . . 6-105

PROFILE SERIES 45B . . . 106-197

SERIES 40I OVERVIEW . . . 6-11

SERIES 45B OVERVIEW . . . 106-111

SPECIAL PROFILES OVERVIEW . . . 210-213

SPECIAL PROFILES 40I AND 45B . . . 210-221

ANGLE BRACKETS

CORNER BRACKETS . . . 144, 283

JOINT ANGLE BRACKETS . . . 285

CLAMPING BRACKETS . . . 284

ANGLE BRACKET, DIE-CAST ALUMINIUM . . . 303-316

ANGLE BRACKET, DIE-CAST ZINC . . . 276-283

ANGLE BRACKET, STEEL . . . 287-289, 319

ANGLE BRACKET COVER CAPS . . . 276-283, 303-316

ANGLE CONNECTOR . . . 242, 259

ARTICULATED STEEL FEET AND DAMPING RINGS . . . 358

ASK HANDLE SYSTEM . . . 338

ASK COMBINATION FOOT . . . 359

B

BALL CATCH

BALL CATCH, MAGNETIC . . . 341

MOUNTING BRACKET FOR BALL CATCH . . . 341

UNIVERSAL BALL CATCH . . . 340

BALL CASTOR Ø15 . . . 371

BALL CASTOR INSERT . . . 371

BASE PLATES (FOUNDATION) . . . 364

BASE PLATES (WITH THREADS FOR FEET) . . . 362

BELT GUIDE PROFILE FP 2-B . . . 197

BOLT CONNECTORS . . . 240

BOLT CONNECTOR SET . . . 250-253

BOTTLE HOLDERS . . . 392

BOW HANDLES . . . 329, 336

BOX LIFTERS

BOX LIFTER, COMPACT . . . 442-443

BOX LIFTER, COMPACT WITHOUT SAFETY KIT . . . 444

BOX LIFTER, ELECTRIC, AUTOMATIC . . . 448-449

BOX LIFTER, ELECTRIC, MANUAL . . . 446

BOX LIFTER, ELECTROHYDRAULIC . . . 445

BOX LIFTER, STANDARD FORKS . . . 450-451

C

CABINETS

DRAWER CABINETS . . . 386-387

CABLES . . . 402-403

CABLE ASSEMBLIES . . . 404

CABLE CARRIERS WITH AND WITHOUT SEPARATORS . . . 345

CABLE DUCTS

CABLE DUCTS . . . 198-209

CABLE DUCT COVERS . . . 198-209

CABLE DUCT COVER CAPS . . . 198-209

FASTENING SCREWS FOR CABLE DUCTS (SHEET-METAL SCREWS) 202-209

CABLE TIE FASTENERS

CABLE CARRIERS WITH SEPARATORS . . . 345

CABLE CARRIERS WITHOUT SEPARATORS . . . 345

CROSS CABLE TIE BLOCK . . . 344

CENTRAL SCREWS . . . 261

CENTRING PLATE SETS 243
CLAMPING BLOCK 456
CLAMPING BRACKETS 284
CLAMPING LEVER WITH RELEASE BUTTON 334
CLAMPING TABS 363
COMBINATION FOOT (ASK) 359
CONNECTION SET FOR POWER STRIPS 400
CONNECTION TAB 290
CONNECTOR SETS 234-263
CONSOLES (ANGLE BRACKETS) 319

CONVEYOR ROLLERS
- BALL CASTORS 371
- FOR ROLLER CONVEYOR 370

CORNER BRACKET
- CORNER BRACKET SETS 283
- CORNER BRACKET 22.5 X 45 . . . . 144.412

CORNER PIECE 22.5 X 30 . . . . 143, 413 COVER CAPS
- COVER CAPS FOR ALUMINIUM PROFILES 12-197
- COVER CAPS FOR CORNER BRACKETS . . . . 276-283 (I) / 303-316
- COVER CAPS FOR COVER PROFILES 92
- COVER CAPS FOR FORM CONNECTORS 235
- COVERS FOR POWER STRIPS 398-400
- COVER CAPS FOR SCREW-IN CONNECTORS 234
- COVER CAPS FOR SERIES 40 ANGLE BRACKET 276-283
- COVER CAPS FOR SERIES 45 ANGLE BRACKET 303-316

COVER PLATES
- COVER PLATE WITHOUT STOP 220-221
- COVER PLATE WITH STOP 220-221
- COVER PLATE WITHOUT STOP, WITH FASTENING SCREWS. 220-221
- COVER PLATE WITH STOP, WITHOUT FASTENING SCREWS. 220-221

COVER PROFILES
- COVER PROFILES, ALUMINIUM 92
- COVER PROFILES, PLASTIC 346
- COVER PROFILES, RUBBER 347

COVER & EDGING PROFILE 330
CROSS CABLE TIE BLOCKS 344
CUBE CONNECTOR SET, 2D 262
CUBE CONNECTOR SET, 3D 263

D

DAMPING RINGS 358
DIE-CAST ZINC ANGLE BRACKET 276-283
DIE-CAST ZINC DOOR LOCKS 342
DIE-CAST ZINC HINGES 335
DIE-CAST ZINC PLATES FOR FEET 362

DISPLAY PANELS
- DISPLAY PANEL 390
- INFORMATION BOARD 391
- TRANSPARENT COVERS 391
- WALL ELEMENT 390

DOOR FITTINGS
- BALL CATCH 340
- DOOR STOP 332
- MAGNETIC CATCH 341
- UNIVERSAL BALL CATCH 340

DOOR LOCKS
- COMPACT DOOR LOCK 342
- DOOR LOCK, ZINC 342

DOUBLE T-SLOT NUTS
- SWIVELLING WITH BALL AND BAR 273

E

EDGING PROFILES . . . .
- COVER AND EDGING PROFILES 330
- EDGING PROFILES 348

F

FASTENING ACCESSORIES
- FOR LED FLEXIBLE-TUBE LUMINAIRES 428-431
- FOR LED MACHINE ARTICULATED LUMINAIRES 437
- FOR LED SYSTEM TASKLIGHTS 426-427
- FOR LED RING MAGNIFIER LUMINAIRES 434-436
- FOR UNIVERSAL JOINT LUMINAIRE 433
- FOR UNIVERSAL WORKPLACE LUMINAIRE 432

FASTENING KIT
- FOR ALUMINIUM HANDLES (BLACK) 328
- FOR WHEELS AND CASTORS 378

FASTENING SCREW FOR CABLE DUCT (SHEET-METAL SCREW). 203-209

FEET

ARTICULATED FOOT 358

ASK COMBINATION FOOT 359

DAMPING RING FOR ARTICULATED FOOT.................. 358

FOOT PLATES 362

FIXED CASTORS

Ø 75 WITH SCREW-ON PLATE......................... 376-377

Ø 100 WITH SCREW-ON PLATE........................ 376-377

Ø 125 WITH SCREW-ON PLATE........................ 376-377

FIXED CASTORS WITH SCREW-ON PLATES (HEAVY-DUTY) 381

FLANGED NUTS... 302

FLOOR DOWELS 356, 365-367

FOOTRESTS

HEIGHT-ADJUSTABLE WITH SUPPORT FRAME 394

HEIGHT-ADJUSTABLE WITHOUT SUPPORT FRAME 394

FORKLIFT POCKET 8 357

FORM CONNECTOR SET 235, 248-249

FORM JOINT CONNECTOR SETS................................ 237

FOUNDATION ANGLE...

FOUNDATION ANGLE, ALUMINIUM 367

FOUNDATION ANGLE, STEEL 366

FOUNDATION ANGLE, ZINC............................. 356

UNIVERSAL FLOOR SUPPORT 365

FRAME PROFILE 22.5X30 SLOT 8................................ 143

FRAME PROFILE 22.5X45 SLOT 10 144

G

GLIDERS

MULTI-GLIDERS...................................... 333.353

H

HAMMER NUTS 301

HANDLES

ASK HANDLE SYSTEM 338

AL HANDLE (BLACK), CURVED............................ 328

AL HANDLE (BLACK), STRAIGHT WITH FASTENING SET 328

BOW HANDLE....................................... 329, 336

CRANKED HANDLE 337

PA HANDLE WITH COVER CAPS 329

HEAVY-DUTY CASTORS 380-381

HINGES

ALUMINIUM 352

INSIDE, ALUMINIUM.................................... 327

PLASTIC 325

PLASTIC RIGHT/LEFT................................... 326

ZINC (WITH ELONGATED HOLE)........................... 335

I

INFORMATION BOARDS....................................... 391

INSIDE BRACKETS.................................... 288, 317

J

JOINT ANGLE BRACKETS WITH FASTENING KIT.................. 285

JOINTS WITH CLAMPING LEVERS 324, 350

JOINTS WITHOUT CLAMPING LEVERS 324, 350

L

LED ALUMINIUM LIGHT BAR

LED ALUMINIUM LIGHT BAR 438

LED ALUMINIUM LIGHT BAR (SET) 438

LEVELLING CASTORS 372

LEVELLING CASTOR FASTENERS

MOUNTING PLATE 180X180X12........................... 373

LIFTING COLUMN SYSTEMS

SYNCHRONISED (WITH MILLED SLOTS) 384

SYNCHRONISED (WITHOUT MILLED SLOTS) 384

SYNCHRONISED (WITHOUT MILLED SLOTS) 16 MM/S 385

SYNCHRONISED (WITHOUT MILLED SLOTS) QUADRO 385

SYNCHRONISED HX / 9 MM/ 2000 N/COLUMN............ 385

SYNCHRONISED HX /9 MM/3200 N/COLUMN............. 385

LOCKING BRACKET 457

LOWER CABINETS

LOWER CABINET, LEFT. 388

LOWER CABINET, RIGHT. 388

LUMINAIRE FIXTURES

FOR LED FLEXIBLE TUBE LUMINAIRE. .428-431

FOR LED MACHINE ARTICULATED LUMINAIRE 437

FOR LED MACHINE LUMINAIRE WITH PROTECTIVE TUBE 439

FOR LED RING MAGNIFIER LUMINAIRE. 434-436

FOR LED SYSTEM TASKLIGHTS 426-427

FOR LED UNIVERSAL WORKPLACE LUMINAIRE. 432

FOR LED UNIVERSAL JOINT LUMINAIRE .433

LUMINAIRE FIXTURE, SWIVELLING 427

LUMINAIRES (LED)

LED FLEXIBLE TUBE LUMINAIRE 428-431

LED MACHINE ARTICULATED LUMINAIRE. 437

LED MACHINE LUMINAIRE WITH PROTECTIVE TUBE 439

LED RING MAGNIFIER LUMINAIRE. 434-436

LED SYSTEM TASKLIGHTS 416-425

LED UNIVERSAL WORKPLACE LUMINAIRE 432

LED UNIVERSAL JOINT LUMINAIRE 433

M

MAGNET AND BALL CATCH 341

MATERIAL CART

MATERIAL CART, BASIC. 412

MATERIAL CART, ECONOMIC 413

MATERIAL CART ACCESSORIES

PROFILE 22.5 X 30 143

CORNER PIECE 22.5 X 30. 143

PROFILE 22.5 X 45 144

CORNER PIECE 22.5 X 45. 144

MATERIAL LEVELS

MATERIAL LEVEL, BASIC 412

MATERIAL LEVEL, ECONOMIC. 413

MONITOR MOUNT

TFT MONITOR MOUNT 40 389

TFT MONITOR MOUNT 45 389

MOUNTING PLATE

FOR AIR BAR 406

FOR LEVELLING CASTOR 373

MULTIBLOCKS 454-455

MULTI-GLIDERS 333, 353

P

PANEL ELEMENT FASTENERS 453-469

MULTIBLOCKS. 454-455

PANEL FASTENERS. 458-469

PANEL FASTENERS

CLAMPING BLOCK. 456

MULTIBLOCK. 454-455

LOCKING BRACKET 457

VARIOFIX BLOCK 457

PLASTIC HINGE WITH FASTENING KIT 351

PLATES FOR FOOT ELEMENTS. . . . .

PLATE, DIE-CAST ZINC. 361

PLATE, PA PLASTIC 361

PLUGS AND CABLES FOR POWER STRIPS / LUMINAIRES. . . . .

CONNECTION CABLE 24 V 403

CONNECTION CABLE 110-120 V (US) 403

CONNECTION CABLE 230-240 V (DE) 402-403

T-DISTRIBUTOR FOR PLUG-IN SYSTEM T-13 405

PLUG-IN NIPPLE DN 7.2 409

POWER STRIPS. 398-401

POWER STRIP CONNECTOR SET 400

POWER STRIP COVERS. 398-400

PROFILE CONNECTORS 246-247

PROTECTIVE GRILLE PROFILE. 130-131

Q

QUICK-ACTION COUPLING DN 7.2 . . . . 406, 408

QUICK CONNECTOR, BENDABLE 257

QUICK CONNECTORS 241, 254-255
QUICK-RELEASE SCREW CONNECTOR 256

R

R-BRACKET WITH FASTENING KIT 318
REDUCING NIPPLE DN 7.2 407
RHOMBUS NUT 8 275

ROLLER TRACK PROFILES
- ROLLER TRACK 8 40X40 220
- ROLLER TRACK B10 40X40 221

ROUND, STAINLESS STEEL TUBE 28X1.5 217
ROUTE PROFILE SP 2B SLOT 10 196

S

SCREWDRIVER SUSPENSION 396

SCREW FITTINGS (AIR BAR) .... FROM 407
- PLUG NIPPLES WITH MALE THREADS 409
- QUICK-ACTION COUPLINGS 408
- REDUCING NIPPLES 407
- SEALING PLUGS WITH MALE THREADS 410

SCREW-IN BUTT CONNECTOR SETS 236
SCREW-IN CONNECTORS 234

SCREW-IN FITTINGS
- FOR AIR BARS 406-410

SCREWS 244-245
SEALING PLUGS AND SEALS 410
SEALING PROFILES 349
SHAFT D14 218
SHAFT CLAMP PROFILE 8 D14 N10 219
SLIDING STRIPS 331
SNAP HOOK 396

SPECIAL LED LUMINAIRES
- LED FLEXIBLE TUBE LUMINAIRE 428-431
- LED MACHINE ARTICULATED LUMINAIRE 437
- LED MACHINE LUMINAIRE WITH PROTECTIVE TUBE 439
- LED RING MAGNIFIER LUMINAIRE 434-436
- LED UNIVERSAL WORKPLACE LUMINAIRE 432
- LED UNIVERSAL JOINT LUMINAIRE 433

SPECIAL LUMINAIRES (ACCESSORIES)
- FOR LED FLEXIBLE TUBE LUMINAIRE 428-431
- FOR LED MACHINE ARTICULATED LUMINAIRE 437
- FOR LED MACHINE LUMINAIRE WITH PROTECTIVE TUBE 439
- FOR LED RING MAGNIFIER LUMINAIRE 434-436
- FOR LED UNIVERSAL JOINT LUMINAIRE 433
- FOR LED UNIVERSAL WORKPLACE LUMINAIRE 432

SPRING BALANCERS 397
SPRINGS 299
STEEL ANGLE BRACKET 287, 289, 366
SUSPENSION BRACKETS 320

SWIVEL CASTORS
- SWIVEL CASTOR Ø50, JACKED UP WITH LOCKING DEVICE 379
- SWIVEL CASTOR Ø 75 WITH BACK HOLE 374-375
- SWIVEL CASTOR Ø 75 WITH SCREW-ON PLATE 376-377
- SWIVEL CASTOR Ø 100 WITH BACK HOLE 374-375
- SWIVEL CASTOR Ø 100 WITH SCREW-ON PLATE 376-377
- SWIVEL CASTOR Ø 125 WITH BACK HOLE 374-375
- SWIVEL CASTOR Ø 125 WITH SCREW-ON PLATE 376-377
- SWIVEL CASTOR WITH SCREW-ON PLATES (HEAVY DUTY) 380

SWIVEL MOUNTS 343, 389
SYSTEM GLIDER 333, 353

SYSTEM TASKLIGHTS
- SYSTEM TASKLIGHTS LED (24-V VERSION) 420-421
- SYSTEM TASKLIGHTS LED (DIMMABLE) 418-419, 421, 425
- SYSTEM TASKLIGHTS LED (RISE-AND-FALL PENDANT) 424-425
- SYSTEM TASKLIGHTS LED (SWITCHABLE) 416
- SYSTEM TASKLIGHTS LED (US VERSION) 417

T

TAB, LUMINAIRE FIXTURE (WITH FASTENING KIT) 426
T-CONNECTORS AND END CONNECTORS 260
T-DISTRIBUTOR FOR PLUG-IN SYSTEM T-13 405

T-HEAD BOLTS

T-HEAD BOLTS....302

T-HEAD BOLT SET....302

THREADED INSERTS....286

THREADED INSERTS AND ASSEMBLY TOOLS....286

THREADED RODS

WITH BALL FOR ARTICULATED FOOT....360

THREADED SLEEVE....360

TRANSPARENT COVERS....391

T-SLOT NUTS

SWIVELLING T-SLOT NUT WITH BALL AND BAR....267-268, 270,273-274

SWIVELLING T-SLOT NUT WITH BALL AND BAR (DOUBLE T-SLOT NUT)....273

SWIVELLING T-SLOT NUT WITH BALL AND BAR (STAINLESS STEEL)....266, 269-270

SWIVELLING T-SLOT SLOT WITHOUT BAR....266,269, 271

SWIVELLING T-SLOT NUT WITH SPRING STEEL SHEET....294

T-SLOT NUT, HEAVY-DUTY....271-272

T-SLOT NUT, HEAVY-DUTY, WITHOUT BAR....271

TUBE COVER CAPS....214 -217

TUBES

ROUND TUBE D28L....214

ROUND TUBE D28L N10....216

ROUND TUBE D28 WITH CORE PULL....215

U

UNIVERSAL BALL CATCH....340

UNIVERSAL BUTT FASTENING SET....239

UNIVERSAL CLAMPING SETS....238

UNIVERSAL CONNECTOR

UNIVERSAL BUTT FASTENING SET....239

UNIVERSAL CLAMPING SET....238

UNIVERSAL FLOOR SUPPORTS....365

UNIVERSAL LED JOINT LUMINAIRE / MOUNT....433

UNIVERSAL LED WORKPLACE LUMINAIRE / MOUNT....432

V

VARIOFIX BLOCKS....457

W

WALL ELEMENTS AND DISPLAY PANELS....390

WHEELS AND CASTORS

FIXED CASTORS

Ø 75 WITH SCREW-ON PLATE....376-377

Ø 100 WITH SCREW-ON PLATE....376-377

Ø 125 WITH SCREW-ON PLATE....376-377

FIXED CASTORS WITH SCREW-ON PLATES (HEAVY DUTY)....381

HEAVY-DUTY CASTORS

Ø 160 HEAVY-DUTY CASTORS....380-381

LEVELLING CASTORS AND FASTENERS

LEVELLING CASTOR....372

FASTENER FOR LEVELLING CASTOR....373

SWIVEL CASTORS

SWIVEL CASTOR Ø50, JACKED UP WITH LOCKING DEVICE....379

SWIVEL CASTOR Ø 75 WITH BACK HOLE....374-375

SWIVEL CASTOR Ø 75 WITH SCREW-ON PLATE....376-377

SWIVEL CASTOR Ø 100 WITH BACK HOLE....374-375

SWIVEL CASTOR Ø 100 WITH SCREW-ON PLATE....376-377

SWIVEL CASTOR Ø 125 WITH BACK HOLE....374-375

SWIVEL CASTOR Ø 125 WITH SCREW-ON PLATE....376-377

SWIVEL CASTOR WITH SCREW-ON PLATES (HEAVY DUTY)....380

1020301 49-65
10203010 82
1020302 49-65
1020308 77-81
1020310 77-78
1020313 49-55
1020314 77-78
1020316 77-81
1020317 82
1020402 40-42
1020403 36-44
1020404 36-37
1020405 28-35
1020406 36-44
1020407 38-44
1020410 28-34
1020411 28-35
102088 36-44
102092 . . . . 38-44, 118
102093 28-37
102094 . . . . . 28-33, 112-116
102095 . . . . . 28-33, 112-116
102096 . . . . . 28-33, 112-116
102097 . . . . . 28-33, 112-116
102098 . . . . 36-44, 118
102100 121-147
102101 118
102102 118-147
102103 38-44
102105 130-132
102110 122-134
102112 40-42
102113 40-42
102115 122-126,
. . . . 134-135
102117 122-126
. . . . 134-135, 147
102120 . . . . 70, 79, 80,
. . . . 136-141
102130 136-141
102135 136-138
102137. 136-140
102140 136-140
102170 12-17
102171 19-24
102172 12-17
102175 13-17
102176 19-24
102177 19-25
102180 19-25
102181 19-25
102185 13-17
102187. 13-17
102190 25
102192 25
102195 25
102300 . . . . . 142, 149-153
. . . . 166-176
. . . . 190-194
102302 . . 155-157, 177-181
102305 . . . . . 142, 149-153
. . . . 166-171, 176-194
102310 190-194
102315 . . 149-153, 166-176
102320 155-192
102321 192
102323 191-192
102325 149-153,
. . . . 166-176, 190-194
102330 155-157,
. . . . 177-181, 191
102331 120
102332 120
102340 155-192
102350 . . . . . . 46-57, 84-85
102351 . . . . . . 46-57, 84-85
102352 49-57
102353 49-57
102354 . . . . . . 66-75, 81-96
102355 66-96
102356 66-75
102357 66-75
102358 66-74
102359 49-57
102360 87-96
102362 87-91
102365 87-96
102367 87-91
102370 . . 122-126, 134-135
102372 . . 122-126, 134-135
102374 . . . . . . 122-123, 134
102376 . . . . . . 124, 136-141
102378 . . . . . . 124, 136-141
102380 . 149-154, 166-176
102382 . . 149-154, 166-176
102384 . . 149-151, 166-171
102386 . . . . . 155, 159, 160
102388 . . . . . 155, 159, 160
102400 . . . . . . 122-127, 135
102405 . . . . . . 122-127, 135
102410 136-141
102415. 136-141
102425 122
102439 . . . . 19, 20, 25
102440 13-18
102441 13-18
102442 . . . . 19, 20, 25
102444 25
102445 49-65
102446 49-65
102447 66-74
102448 66-74
102449 49-55
102450 49-56
102452 13-16
102455 49-56
102460 66-77,
. . . . 78-96
102465 66-77,
. . . . 78-96
102467 87-89
102470 . . . . . . 66-71, 75, 76
102475 49-53
102480 . . . . 66-71, 75-76
102485 66-69
102500 . . 142-152, 166-194
102505 142-152,
. . . . 166-176, 193-194
102510 155-158,
. . . . 177-182, 195
102515 . . . . 149, 166-
. . . . 167, 176, 193-194
102520 155-165,
. . . . 177-195
102525 155-165,
. . . . 177-189
102530 . . . . . . 161, 184-185
102535 . . . . . . 155, 177-178
102540 155-158,
. . . . 176-182, 195
103150. 28-37,
. . . . 46-47, 112-117
103151 28-37,
. . . . 46-47, 112-117
103152. 36-39,
. . . . 46-47, 118
103153 40-44
103159. 40-44
103161 . . . . 36-47, 118
103170 . . . 12-21, 45, 84-85
103171 . . . . 12-21, 45, 84-85
103172 . . . 12-21, 45, 84-85
103175 . . . . . . 12-24, 84-85
103176. 25
103177. 25
103200 . . . 48-82, 103-104,
. . . . 121-135, 147, 215
103205 . . . . . . 48-65, 76-82
. . . . . 103-104, 121-147, 215
103210. . . . . 59-96, 136-141
103215. . . . . 59-96, 136-141
103240 87-97
103245 87-97
103300 149-194
103305 149-194
103310 155-194
103320 155-191
103325 192
103330 192
103335 . . . . 193, 194
103355 . . . . 191, 192
103400 . . . . . . 189, 194-195
103405 189-195
103410 189-192
20100100 119
20100101 119
20100103 119
20100200. 120
20100201 120
20100203. 120
20100400. 117
20100401 117
20100403. 117
20100500. 112
20100501 112
20100503. 112
20100510 116
20100511 116
20100520. 114
20100521 114
20100530. 113
20100531 113
20100540. 115
20100541 115
20100600. 118
20100601 118
20100700 130
20100701 130
20100710 131
20100711. 131
20100800 132
20100801 132
20100810 133
20100811 133

20100900 127
20100901 127
20101000 122
20101001 122
20101003 122
20101010 126
20101011 126
20101020 124
20101021 124
20101030 123
20101031 123
20101040 125
20101041 125
20101080 128
20101081 128
20101090 129
20101091 129
20101100 136
20101101 136
20101103 136
20101160 137
20101161 137
20101600 134
20101601 134
20101610 147
20101611 147
20101700 149
20101701 149
20101703 149
20101710 153
20101711 153
20101720 151
20101721 151
20101730 150
20101731 150
20101733 150
20101740 152
20101741 152
20101900 155
20101901 155
20101903 155
20101920 157
20101921 157
20101960 156
20101961 156
20102000 166
20102001 166
20102003 166
20102020 169
20102021 169
20102030 168
20102031 168
20102040 170
20102041 170
20102500 172
20102501 172
20102570 173
20102571 173
20102580 174
20102581 174
20102590 175
20102591 175
20102600 143
20102601 143
20102603 143
20102700 142
20102701 142
20102800 146
20102801 146
20102900 144
20102901 144
20103000 167
20103001 167
20103003 167
20103100 145
20103101 145
20103300 154
20103301 154
20103303 154
20103800 159
20103801 159
20103803 159
20103900 141
20103901 141
20104000 176
20104001 176
20104100 139
20104101 139
20104160 140
20104161 140
20104200 148
20104201 148
20104300 135
20104301 135
20104400 160
20104401 160
20104500 190
20104501 190
20104800 191
20104801 191
20104900 192
20104901 192
20105000 193
20105001 193
20105003 193
20105100 194
20105101 194
20106000 177
20106001 177
20106003 177
20106020 180
20106021 180
20106040 181
20106041 181
20106060 179
20106061 179
20107000 178
20107001 178
20107003 178
20107200 183
20107201 183
20107300 158
20107301 158
20107400 182
20107401 182
20107500 195
20107501 195
20107600 138
20107601 138
20107700 161
20107701 161
20107703 161
20107730 162
20107731 162
20107760 163
20107761 163
20107800 164
20107801 164
20107900 165
20107901 165
20108000 184
20108001 184
20108050 186
20108051 186
20108060 187
20108061 187
20109000 185
20109001 185
20109400 188
20109401 188
20109500 189
20109501 189
20111000 196
20111001 196
20111500 197
20111501 197
20112500 121
20112501 121
20200500 12
20200501 12
20201000 13
20201001 13
20201003 13
20201005 14
20201006 14
20201010 15
20201011 15
20201013 15
20201030 17
20201031 17
20201100 18
20201103 18
20201500 27
20201501 27
20202020 16
20202021 16
20202023 16
20202300 26
20202301 26
20203000 19
20203001 19
20203003 19
20203005 20
20203006 20
20203007 20
20203050 21
20203051 21
20203100 25
20203101 25
20203300 23
20203301 23
20203303 23
20203400 24
20203401 24
20203403 24
20203500 45
20203501 45
20204000 28
20204001 28
20204003 28
20204010 30
20204011 30
20204020 31
20204021 31

20204030 33
20204031 33
20204040 32
20204041 32
20204300 34
20204301 34
20204303 34
20204380 35
20204381 35
20204500 29
20204501 29
20205000 36
20205001 36
20205100 39
20205101 39
20205200 37
20205201 37
20205300 40
20205301 40
20205305 41
20205306 41
20205400 42
20205401 42
20205500 47
20205501 47
20205503 47
20205600 46
20205601............ 46
20205603 46
20205700............ 38
20205701 38
20205800 43
20205801 43
20205900 44
20205901............ 44
20206000 51
20206001 51
20206003 51
20206005 52
20206006 52
20206010 54
20206011 54
20206013 54
20206020 55
20206021 55
20206023 55
20206030 57
20206031 57
20206040 56
20206041 56
20206100 58
20206101 58
20206200 48
20206201 48
20206400 104
20206401........... 104
20206600 65
20206601 65
20206700............ 64
20206701 64
20206703 64
20206780 63
20206781 63
20207100............ 49
20207101 49
20207103 49
20207140 50
20207141 50
20207300............ 59
20207301 59
20207400............ 60
20207401 60
20207500.............61
20207501 61
20207600 62
20207601 62
20207800............ 66
20207801 66
20207820 73
20207821 73
20207840............72
20207841 72
20207860 75
20207861 75
20208000 67
20208001 67
20208005 68
20208006 68
20208010 70
20208011 70
20208020 74
20208021 74
20208050 71
20208051 71
20208100............ 69
20208101 69
20208300 77
20208301............ 77
20208400 78
20208401 78
20208500 79
20208501............ 79
20208540............ 81
20208541 81
20208600 80
20208601............ 80
20208700............ 86
20208701 86
20208800 85
20208801 85
20208803 85
20208810 98
20208811 98
20208900 99
20208901............ 99
20208910........... 102
20208911 102
20209000 88
20209001............ 88
20209003 88
20209020 91
20209021 91
20209050 90
20209051 90
20209100 89
20209101 89
20209103 89
20209200 100
20209201........... 100
20209500 93
20209501 93
20209600 97
20209601............ 97
20209700 94
20209701 94
20209800 87
20209801 87
20209900 95
20209901 95
20209903 95
20210000 96
20210001 96
20210200............ 84
20210201 84
20210400............ 82
20210401 82
20210500............ 83
20210501 83
20210700 101
20210701 101
20210800............ 76
20210801 76
321010 303
321020 303
321025 304
321026 304
321030 305
321040 305
321041 306
321042 307
321043 307
321047 308
321048 308
321051 309
321061............... 309
321070 310
321075 311
321077 312
321080 310
321085 313
321086 313
321090 314
321100...............314
321105 315
321106 315
321110 316
321120 316
321131 303
321132............... 276
321134 304
321141 305-306
321143 277
321144............... 278
321148 281
321149 308
321150 309
321160 310-312
321170 314
321171 314
321173 315
321175 280
321176 282
321180............... 316
321200 318
321210...............318
321410 320
321420 320
321450 287
321500 259
321510............... 259
322015 250
322019 252
322021 253
322022............... 253

322031 251
322039 252
322041 253
323022 257
323023 258
323025 256
323030 254
323040 254
323042 257
323043 258
323045 255
323050 241
323055 255
323060 255
323070 255
324009 302
324010 302
324011 302
324015 302
330005 261
330010 261
330020 261
330030 261
330100 249
330110 249
330120 248
330200 317
330210 317
330220 288
330230 288
331000.1000 300
331000.1500 300
331000.3000 300
331001 293
331005 294
331010 293
331020 294
331030 293
331040 294
331050 293
331060 294
331070 295
331080 295
331090 295
331100 295
331200 291
331201 292
331205 291
331206 292
332000.1000 300
332000.1500 300
332000.3000 300
332001 297
332005 298
332010 297
332020 298
332030 297
332040 298
332050 297
332060 298
332070 296
332080 296
332090 296
332100 296
333010 260
333021 260
333030 260
334005 262
334006 263
334010 262
334020 263
334024 262
334025 263
334030 262
334040 263
334045 262
334050 263
340010 301
341010 301
341020 301
341030 301
341031 301
342010 301
342020 301
342030 301
342031 301
342040 301
342041 301
343010 286
343015 286
343020 286
344005 247
344010 246
344011 247
351111 280
351121 280
351208 284
351210 284
351211 276
351218 285
351220 285
351221 276
351231 277
351241 277
351242 278
351243 278
351251 279
351261 279
351291 281
351300 242
351301 281
351311 282
351321 282
352005 283
352010 283
352015 283
352016 283
352020 283
352030 283
353010 267
353020 267
353030 267
354005 268
354015 268
354025 268
354035 268
355005 270
355020 270
355022 270
355030 270
355031 270
355032 270
355040 270
355041 270
355042 270
355045 273
355050 270
355051 270
355052 270
355054 273
355055 273
355056 273
355057 273
356005 271
356010 271
356020 271
356030 272
356040 272
356050 272
356060 272
357001 275
357005 275
357010 275
357020 275
358010 290
358015 289
358025 290
358035 289
358135 289
360005 240
360009 240
360019 240
370010 245
370020 245
370030 245
370040 245
370050 245
370052 245
370054 245
370056 245
370058 245
370060 245
370070 245
370080 245
370090 245
370095 245
370100 245
370110 245
370120 245
370130 245
370140 245
370150 245
370155 245
370160 245
370162 245
370163 245
370164 245
370168 245
370169 245
370170 245
370180 245
370190 245
370195 245
370200 245
370201 245
370202 245
370203 245
370204 245
370205 245
370206 244
370207 244
370208 244
370210 244
370220 244

370225 244
370230 244
370240 244
370270 244
370275 244
370280 244
370285 244
370290 244
370305 202-209
370330 353
370335 353
370500 334
370505 334
370510 334
370520 334
370530 334
370540 334
371005 238
371010 238
371020 238
371021 238
371030 239
380003 243
380005 243
380010 243
380011 243
380012 243
390002 235
390002VA 235
390003 234
390003VA 234
390004 235
390006 234
390010 235
390011 235
390012 234
390012VA 234
390014 234
390017 234
390020 235
390022 234
390023 234
390025 237
390027 236
390027VA 236
390028 236
390028VA 236
401004 112-116
401006 120
401007 .... 130-131, 320
401008 .... 130-131, 320
401010 122-126
401011 136-137
401012 134
401015 149-153
401016 122-127
401018 127
401019 147
401020 166-171
401025 172
401030 166-171
401040 176
401050 176
401055 155-157
401060 177-181
401065 190
401070 193-194
401075 195
401078 161-163
401080 .... 184, 186-188
401090 .... 185, 189
401110 122-126
401120 166-171
401160 177-181
401170 193-194
402045 335
402046 335
402050 335
402051 335
402060 351
402065 351
402070 351
402075 351
402080 351
403040 338
403050 338
403055 337
403058 329
403060 329
403061 329
403065 329
403070 329
403071 329
403075 329
403080 336
403081 336
403090 336
403091 336
403100 328
403101 328
404010 342
404012 342
404020 342
404022 342
405010 341
405021 341
405022 341
405040 340
405050 332
406010 339
406020 339
411010 456
411015 456
411020 456
411029 348
411030 348
411040 348
411062 454
411064 454
411065 454
411069 455
411070 455
411075 454
411080 455
411090 457
411091 457
411092 457
411093 457
411094 457
412010 344
412015 344
412017 345
412019 345
412020 344
412030 345
412040 345
412045 345
413005 346
413006 346
413007 346
413010 346
413020 346
413021 346
413022 346
413023 346
413025 346
413026 346
413027 346
413028 346
413030 346
413035 330
413036 330
413040 330
413041 330
413042 330
413045 330
413046 330
413047 330
413048 330
413049 330
413050 349
413051 349
413060 349
413061 349
413070 346
413075 346
413076 346
413079 347
413080 347
413081 347
413085 331
413089 346
413091 92
41309500 92
41309501 92
41309502 92
413150 333
413155 333
414005 350
414007 350
414009 350
414010 350
414019 350
414020 350
414030 350
414040 350
415010 343
415020 343
415030 343
417010 370
417015 370
417020 370
417030 370
417040 370
418210 371
418310 371
421005 12
421011 13-17
421015 46-47
421016 84-85
421018 99
421020 19-22
421021 19-22
421025 23

421026 25
421027 24
421028 40-42
421029 27
421030 28-33
421031 34
421035 37
421036 . . . . 38, 39
421037 43-44
421040 . . . . 49-57, 76
421041 58
421042 63-65
421043 59
421044 60
421045 61
421046 62
421048 49-57
421050 66-76
421051 66-76
421055 77-78
421057 79-80
421059 92
421060 87-91
421070 93-94
421080 95-96
422010 325
422020 325
422030 325
422040 327
422045 327
426002 324
426004 324
426005 324
426007 324
426010 324
426020 324
426030 324
426040 324
501011 358
501012 358
501013 358
501014 358
501015 358
501016 358
501017 358
501018 358
501019 358
501283 361
501284 361
501285 361
501286 361
501290 361
501300 361
501310 361
501313 361
501320 361
501325 361
501330 361
501335 361
501345 361
501350 361
501365 360
501370 360
501380 360
501390 360
501400 360
501410 360
501420 360
501430 360
501440 360
501450 360
501455 360
501460 360
501500 359
501510 359
501540 359
501550 359
501610 359
501620 359
501630 359
502030 377
502035 377
502038 380
502039 380
502045 377
502047 377
502051 375
502061 375
502063 375
502064 375
502070 375
502080 375
502083 377
502111 375
502121 375
502125 375
502126 375
502130 375
502140 375
502145 377
502148 381
502165 378
502170 378
502180 378
502185 360
502188 363
502200 379
502210 372
502215 373
503025 362
503027 362
503028 362
503030 362
503033 362
503035 362
503040 362
503060 362
503065 362
503223 362
503225 362
503226 362
503227 362
503229 362
503231 362
503238 362
503241 362
503251 362
504005 366
504010 366
504025 367
504030 367
504040 356
504045 356
504050 365
504055 365
504070 364
504075 364
504080 357
504081 357
504090 . . . . . 356, 365-367
504095 . . . . . 356, 365-367
504109 319
504110 319
504119 319
504120 319
510010 377
510020 377
510040 377
510050 377
510060 377
510070 377
510090 377
510100 377
510110 375
510120 375
510130 377
510140 375
510150 375
510152 375
510153 377
510154 375
510180 375
510190 375
510201 377
510203 377
510210 375
510220 375
510223 375
510224 375
51100300 202
51100301 202
51101100 203
51101101 203
51101500 204
51101501 204
51102100 205
51102101 205
51102600 206
51102601 206
51103100 207
51103101 207
51103600 208
51103601 208
51104100 209
51104101 209
51105100 202-204
51105101 202-204
51105600 206
51105601 206
51106100 . . . . 205, 207
51106101 . . . . 205, 207
51106600 208
51106601 208
51107100 209
51107101 209
511080 203
511090 204-205
511100 207
511105 208
511110 209
603113 417
603114 417
603115 417
603116 417

603117 417
603118................416
603119................416
603120 416
603121................416
603122 416
603123 416
603124................416
603125 418
603126 419
603128 419
603129 419
603130 418
603131............... 418
603132 418
603133 418
603134 418
603135 419
603136 419
603137 419
603138 419
603139 419
603140 420
603141............... 420
603142 420
603143 420
603144 420
603145 420
603146 421
603147 421
603148 421
603149 421
603150 424
603151 424
603152 425
603154 425
603155 416
603156 425
603157 418
603158 416
603159 418
603161 418
603162 418
603163 418
603164 419
603168 416
603169 424
603170............... 424
603171 425
603172............... 425
603173 419
603174............... 419
603177 416
603179 419
603180 424
603183 424
603184 424
603186 424
603187 424
603188 416
603189 424
603190 425
603191 425
603192 425
603193 425
603194............... 425
603196 425
603197 425
603198 416
603199 425
603200 438
6032001 438
603203.............. 438
6032031 438
603204.............. 438
6032042 438
603206 438
6032061 438
603209 428
603211 429
603212 430
603213 ......428, 430-431
603214 ......428, 430-431
603215 ..... 428, 430-431
603216 429
603217 429
603218 431
603219 432
603220.............. 434
603220001 435
603220002 435
603220004 435
603221 436
603222 424
603223 424
603224.............. 425
603225 434
603233.............. 425
603234.............. 425
603235.............. 425
603236 425
603237.............. 425
603251 439
603255.............. 439
603256.............. 439
603258.............. 439
603260.............. 439
603261 439
603262.............. 437
603263.............. 437
603264.............. 437
603265.............. 433
603267 433
603268.............. 433
603269.......... 432-437
603270 432-437
603271 432-437
603272 432-437
603273 421
603274 421
603276 432-437
603277.............. 425
603278 425
603279.............. 425
603281 425
603282.............. 425
603300.............. 422
603301 422
603310 422
603318 417
604005.............. 398
604023 398
604024.............. 400
604025.............. 400
604031 398
604034 400
604035.............. 400
604046.............. 399
604050.............. 401
604052.............. 401
604054.............. 401
605010 402
605020.............. 402
605025.............. 402
605026.............. 402
605027 402
605028.............. 404
605030.............. 403
605040.............. 403
605050.............. 403
605055 402
605060.............. 405
605061 404
605062.............. 404
605063.............. 405
605070 403
605080.............. 403
605090.............. 403
606005.............. 406
606050.............. 406
606060.............. 406
606100 408
606105 408
606110 408
606120 409
606125 409
606130 409
606150 407
606151 407
606155 407
606156 407
606160 407
606182 410
606195 410
606200 410
606205.............. 410
606210 410
606215 410
606220.............. 410
607010 388
607020.............. 388
607055.............. 386
607057 386
607080.............. 386
607059.............. 387
607060.............. 387
607061 387
607062.............. 387
607064.............. 387
607065.............. 387
608020 394
608030 394
608040 394
608050 394
609020.............. 384
609021 384
609022.............. 385
609023.............. 385
60952035............ 385
60953235............ 385
610020 392
610030 392
610040 392
611005 397

611010 397
611020 397
611023 397
611026 397
611030 397
611040 397
611050 397
611060 397
611070 397
611080. 397
611090. 397
611100 397
611205. 397
611210 397
611220. 397
611223. 397
613000 412
613001 412
613002 413
613003 413
613005 413
613006 413
613010 412
613020 412
613050 143
613051. 144
613060 393
613095 389
614010 396
614020 396
614030 396
614040 353
614050 353
614052 353
614056 353
614058 353
614060 353
615085 A 446
615085B 446
615085C. 446
615085D 446
615086A 448
615086B 448
615086C 448
615086D 448
615105 A 447
615105B 447
615105C 447
615105D 447
615106A 449
615106B 449
615106C 449
615106D 449
615135 A 447
615135B 447
615135C 447
615135D 447
615136A 449
615136B. 449
615136C 449
615136D 449
615300 442
615301 442
615302 444
615303 442
615304 444
615305 442
615306 442
615307 442
615310 443
615311 443
615320 43
615321. 443
615361 445
615361A 445
615361B 445
616005 391
616006 391
616010 391
616015 391
616020 391
616025 391
616030 391
616100 390
616110 390
616111 390
616112 390
616113 390
616114 390
616115 390
616117 390
616118 390
616119 390
80401500 220
80401501 220
80401700 221
80401701 221
805005 214
805010 . . . . 214-215, 217
805012 215-216
806034 371
806044 220
806045. 220
806046. 220
806047 220
806048. 221
806049. 221
806050. 221
806051 221
80800200 215
80800201. 215
80800300 214
80800301. 214
80800400 216
80800401. 216
80800500 217
80800501. 217
80801000. 218
80801001 218
80801010 219
80801011 219
888156 . . . . 444, 450
888157 . . . . .444, 450
888159 . . . . .444, 451
888180 . . . . 444, 451
998086 269
998087 269
998088. 269
998089. 269
998090. 269
998091 269
998092 269
998093. 269
998094. 269
998095. 269
998096 269
998097. 269
998098 269
998099 269
99900037. 384
99900054 325
99900083 326
99900144. 302
99900145 302
99900174 363
99900221 289
99900231 326
99900265. 352
99900266 352
99900267 352
99900268. 352
99900269. 352
99900308 228
99900309 228
99900329. 389
99900385 235
99900400 290
99900512 334
99900513 328
99900543 290
99900557. 334
99900651 426
99900655 266
99900663 266
99900684 . . . . 77, 78
99900685 . . . . . . 49-57, 76
99900694. 66-76
99900731 351
99900831 266
99900836 389
99900855. 87-91
99900881 266
99900907 266
99900976. 427
99901000 299
99901001 299
99901188 274
99901189 274
99901190 274
99901191. 274
99901498 97
99901514 334
99902651 426
999307 302
999308 302
999310 302
999314 302
999315 302
999316 302
999317 302
999406 302
999413 45

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