

CATALOGUE

PROFILE TECHNOLOGY



WE SHOW PROFILE



Our objective - satisfied customers

We place great emphasis on high-quality products and a high standard of quality in general. The compatibility of our basic modular set is always the most important factor in this. Find out yourself about the endless possibilities of our aluminium profile systems.



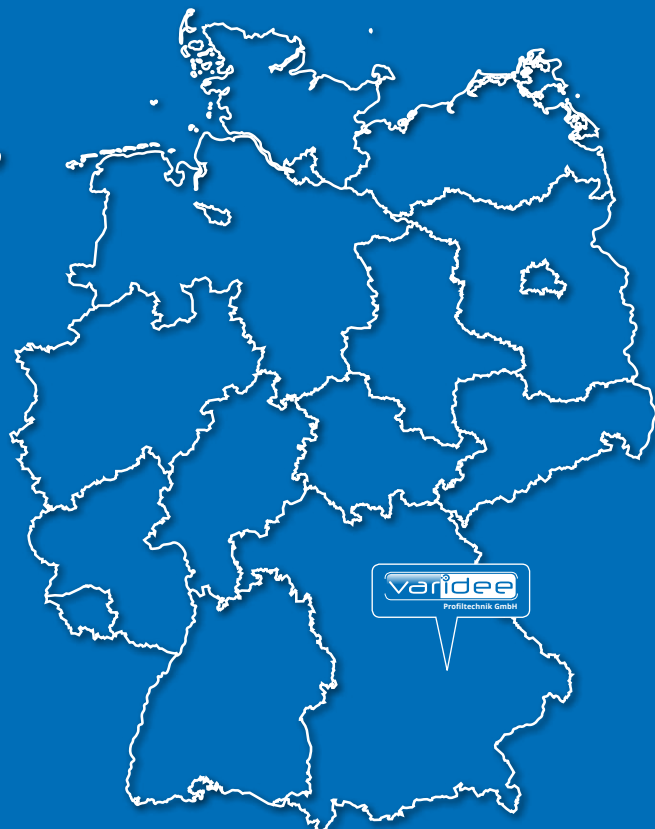
OUR COMPANY

VARidee Profiltechnik GmbH specialises in the delivery of high-quality mechanical engineering components as well as in the development and production of individual, customer-oriented system solutions.

The principle of not judging the success of a company by its size but instead by its ideas and innovations most certainly holds true for our progressive and modern company.

Short decision paths enable our organisation to be fast, flexible and proactive. Our employees' many years of professional experience, combined with the creativity of a young and motivated team make us a reliable partner. We at VARidee know how quickly the market can move.

We show profile!
*” Everything is
possible - and more!”*





VARidee Profiltechnik GmbH

VARidee Profiltechnik GmbH plans, constructs and manufactures custom-made special solutions in accordance with your individual wishes and requirements. We achieve high adaptability and variability, especially due to the modularity of our components.

Our goal is to provide cost-effective complete solutions with high stability, functionality and appealing design. True to the motto “one-stop shop”, we will provide all system solutions for you. We will take care of the project development and planning, construction and assembly of your applications.

OUR PRODUCT SPECTRUM:

Workplace design

- Work tables, manual assembly lines
- Transport trolleys, supply cars
- Storage shelves
- Information boards

Machine racks

- Machine frames
- Machine assembly

Protection and partitioning systems

- Safety fences
- Machine enclosures
- Lifting doors
- Test field fence

Special applications

- Display cases
- Castor conveyors
- Conveyor technique

SYSTEM SOLUTIONS

1



2



3



4



5



6



7



SYSTEM SOLUTIONS

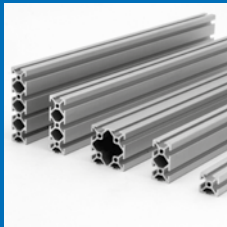
- 1 Machine frame for welding system
- 2 Electronics production
- 3 Transport trolleys for building components
- 4 Test field fences
- 5 Base frame for test stand
- 6 Pre-assembly table
- 7 Linear guide

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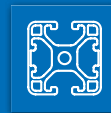
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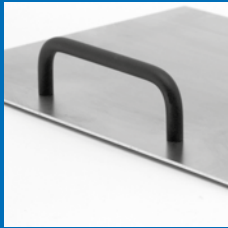
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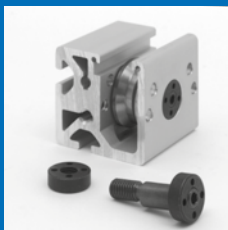
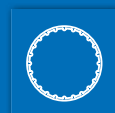
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TECHNICAL DATA

Profiles of the VARIOProfile system modular set help you to assemble constructions cleanly and quickly without any further surface treatment. The profiles surface is permanently scratchproof and corrosion-protected due to an anodised surface.

Series		
Series 8	Series 6	Series 5
Groove with 8 mm Grid dimension 40 mm	Groove with 6 mm Grid dimension 30 mm	Groove with 5 mm Grid dimension 20 mm
		



Aluminium profiles extruded

Abbreviation	Al Mg Si 0,5 F25
Material number	3.3206.72
Condition	cured
Tensile strength Rm	min. 245 N/mm ²
0.2-limit Rp 0.2	min. 195 N/mm ²
Density	2,7 kg/dm ³
Elongation at break A ₅	min. 10%
Elongation at break A ₁₀	min. 8%
Lin. expansion coefficient	23,6x10 ⁻⁶ 1/K
Elastic modulus E	ca. 70.000 N/mm ²
Shear modulus G	ca. 25.000 N/mm ²
Hardness	ca. 75 HB

Tolerance

Form deviations and straightness and level tolerance as per DIN EN 12020 Part 2

Surface

Natural colours anodised CO

Allowed load on the T-slots

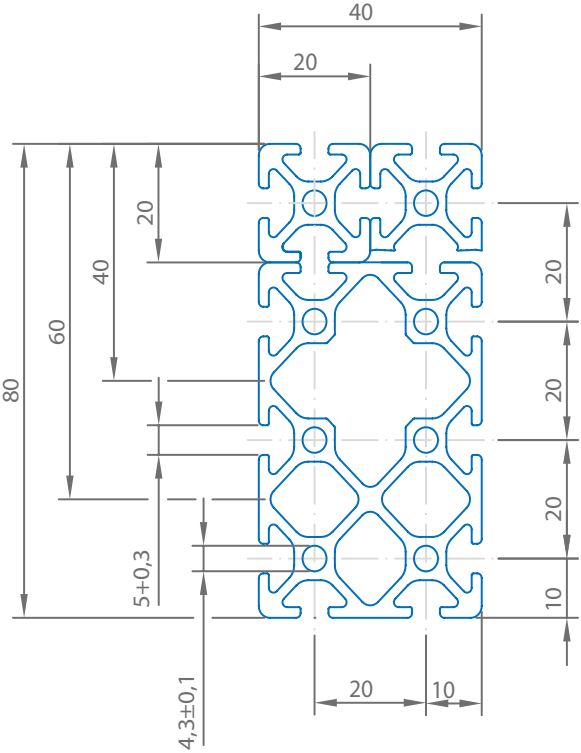
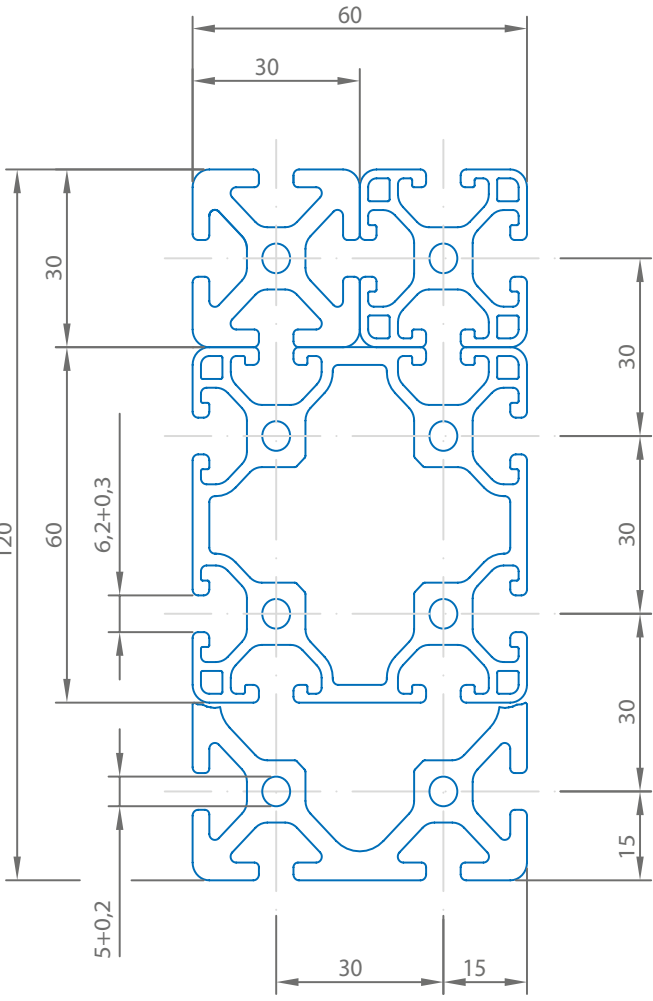
Profiles 5		500 N
Profiles 6	light	500 N
Profiles 6	heavy	1.750 N
Profiles 8	economy	1.750 N
Profiles 8	light	2.500 N
Profiles 8	heavy	5.000 N

Tolerance of external dimensions and T-slots positions

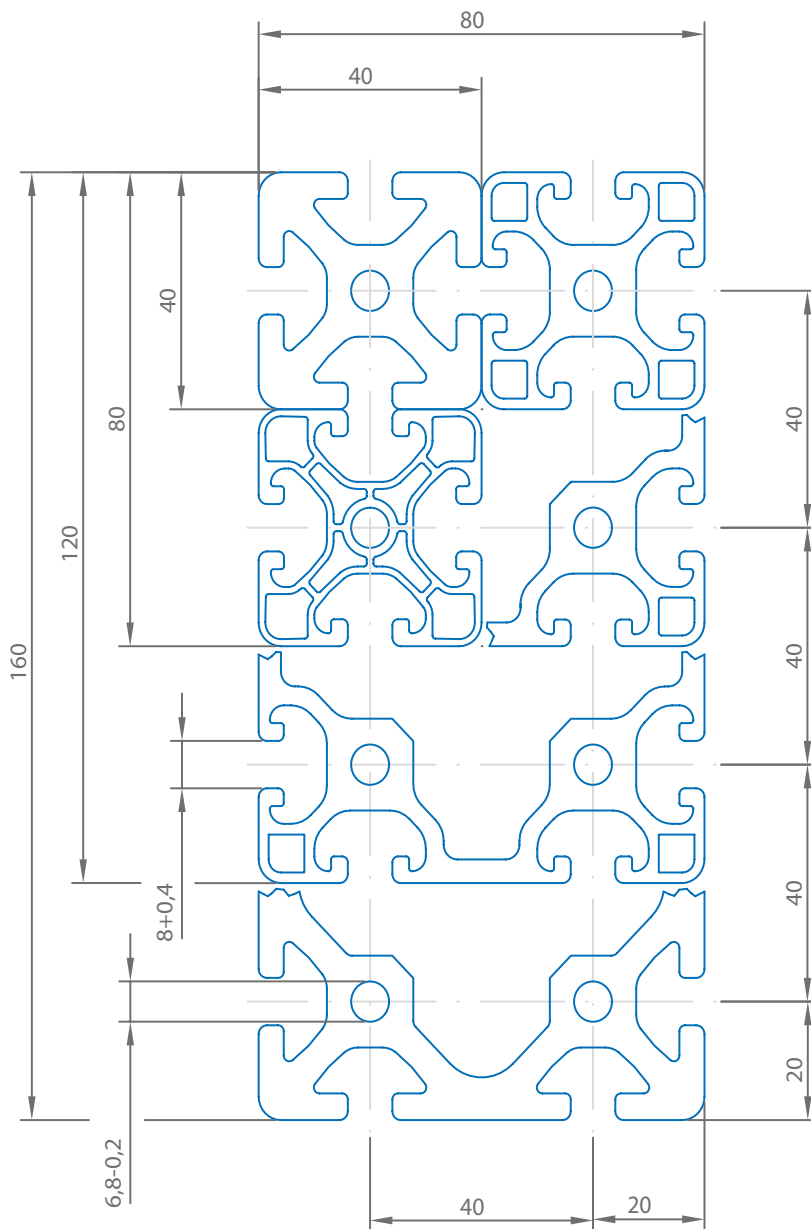
Profile length	Tolerance
to 40 mm	0,2 mm
to 80 mm	0,4 mm
to 120 mm	0,5 mm
to 160 mm	0,8 mm



PROFILES GRID DIMENSIONS


PROFILE 5	PROFILE 6
<p data-bbox="156 472 261 562"></p>  <p data-bbox="143 884 726 1635">80 60 40 20 5+0,3 4,3±0,1 20 10 20 40 20</p>	<p data-bbox="837 472 943 562"></p>  <p data-bbox="837 761 1492 1758">120 60 30 6,2+0,3 5+0,2 30 15 30 60 30</p>



PROFILE 8









PROFILES

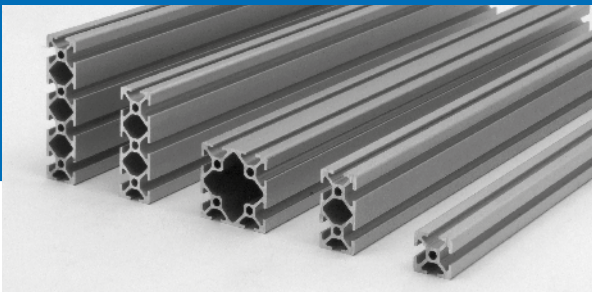
PROFILES 5											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	The small structure of profile 5 makes them especially suitable for smaller and weight-optimised applications. The T-slots are designed for screws sized M5.										

Profile 5 20x10											
	1,29	0,35	0,22	0,53	0,12	0,53	0,07	A	3.000	3.000	
Order no.	P5-20x10										


Profile 5 20x20											
	1,80	0,48	0,73	0,73	0,73	0,73	0,13	A	6.000	3.000 6.000	
Order no.	P5-20x20										



Profile 5 20x20 1N											
	1,85	0,52	0,74	0,74	0,74	0,77	0,20	A	3.000	3.000	
Order no.	P5-20x20-1N										



Profile 5 20x20 2N90											
	1,91	0,54	0,76	0,76	0,78	0,78	0,42	A	3.000	3.000	
Order no.	P5-20x20-2N90										


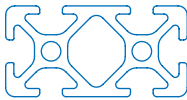



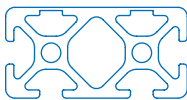
PROFILES 5

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
											

Profile 5 20x20 2N180											
	1,90	0,51	0,74	0,82	0,74	0,82	0,32	A	3.000	3.000	
Order no.	P5-20x20-2N180										


Profile 5 40x10											
	2,39	0,65	0,44	1,81	0,24	3,63	0,27	A	6.000	3.000 6.000	
Order no.	P5-40x10										



Profile 5 40x20											
	3,32	0,89	1,42	2,58	1,41	5,14	0,97	A	6.000	3.000 6.000	
Order no.	P5-40x20										

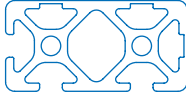
Profile 5 40x20 2N											
	3,37	0,91	1,44	2,60	1,48	5,20	1,48	A	3.000	3.000	
Order no.	P5-40x20-2N										


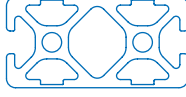



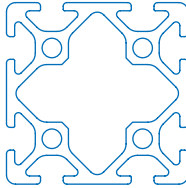
PROFILES

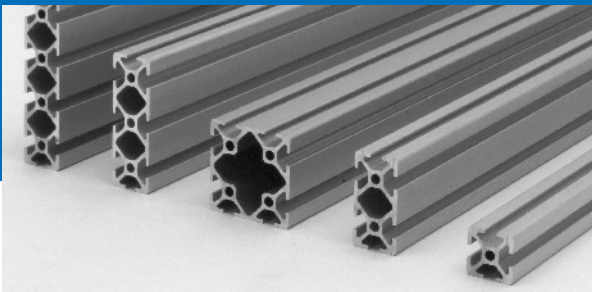
PROFILES 5											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	The small structure of profile 5 makes them especially suitable for smaller and weight-optimised applications. The T-slots are designed for screws sized M5.										

Profile 5 40x20 2N180											
	3,38	0,91	1,40	2,73	1,41	5,46	1,11	A	3.000	3.000	
Order no.	P5-40x20-2N180										


Profile 5 40x20 3N90											
	3,42	0,92	1,44	2,66	1,48	5,37	1,64	A	3.000	3.000	
Order no.	P5-40x20-3N90										



Profile 5 40x20 4N180											
	3,46	0,93	1,56	2,65	1,56	5,30	2,17	A	3.000	3.000	
Order no.	P5-40x20-4N180										


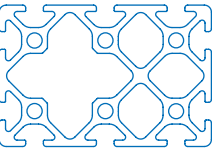
Profile 5 40x40											
	5,14	1,39	4,66	4,66	9,31	9,31	5,42	B	6.000	3.000 6.000	
Order no.	P5-40x40										







PROFILES 5

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
											

Profile 5 60x20											
	4,76	1,28	2,06	5,36	2,06	16,09	1,54	B	6.000	3.000 6.000	
Order no.	P5-60x20										


Profile 5 60x40											
	7,67	2,07	6,76	9,09	13,52	28,14	8,15	B	6.000	3.000 6.000	
Order no.	P5-60x40										



Profile 5 80x20											
	6,19	1,67	2,71	9,01	2,71	36,07	2,38	B	6.000	3.000 6.000	
Order no.	P5-80x20										



Profile 5 R20-90°											
	1,71	0,46	0,53	0,53	0,58	0,58	0,41	A	3.000	3.000	
Order no.	P5-R20-90										







PROFILES

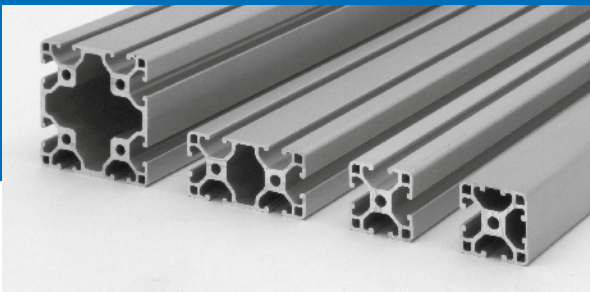
PROFILES 6											
ITEM	A	m	W_x	W_y	I_x	I_y	I_t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 6 makes weight-optimised constructions possible. The T-slots are designed for screws sized M6.										

Profile 6 30x12 light											
	1,58	0,43	0,39	0,98	0,25	1,46	0,11	B	3.000	3.000	
Order no.	P6-30x12-L										

Profile 6 30x30 light											
	3,43	0,93	1,95	1,95	2,91	2,91	0,27	B	6.000	3.000 6.000	
Order no.	P6-30x30-L										

Profile 6 30x30 heavy											
	4,67	1,26	2,78	2,78	4,16	4,16	0,40	B	6.000	3.000 6.000	
Order no.	P6-30x30-S										

Profile 6 30x30 1N light											
	3,49	0,94	1,94	1,98	2,91	3,01	0,73	B	6.000	3.000 6.000	
Order no.	P6-30x30-1N-L										



PROFILES 6											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	

Profile 6 30x30 2N90 light											
	3,54	0,96	1,93	2,09	3,02	3,02	1,68	B	6.000	3.000 6.000	
Order no.	P6-30x30-2N90-L										


Profile 6 30x30 2N180 light											
	3,54	0,96	1,93	2,09	2,90	3,14	1,41	B	6.000	3.000 6.000	
Order no.	P6-30x30-2N180-L										


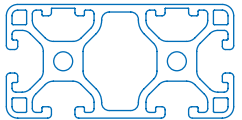
Profile 6 60x30 light											
	6,13	1,65	3,71	7,08	5,55	21,24	3,02	B	6.000	3.000 6.000	
Order no.	P6-60x30-L										


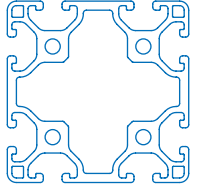
Profile 6 60x30 heavy											
	8,47	2,29	5,28	9,77	7,94	29,32	4,81	B	6.000	3.000 6.000	
Order no.	P6-60x30-S										


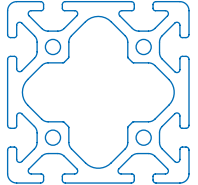




PROFILES

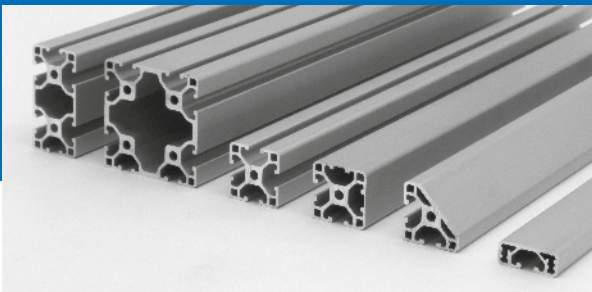
PROFILES 6											
ITEM	A	m	W_x	W_y	I_x	I_y	I_t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 6 makes weight-optimised constructions possible. The T-slots are designed for screws sized M6.										

Profile 6 60x30 2N light											
	6,24	1,68	3,78	7,16	5,77	21,47	5,32	B	6.000	3.000 6.000	
Order no.	P6-60x30-2N-L										

Profile 6 60x60 light											
	10,01	2,70	13,14	13,14	39,49	39,49	20,43	B	6.000	3.000 6.000	
Order no.	P6-60x60-L										

Profile 6 60x60 heavy											
	13,33	3,61	17,91	17,91	53,76	53,76	29,27	B	6.000	3.000 6.000	
Order no.	P6-60x60-S										

Profile 6 120x30 light											
	11,53	3,11	7,21	25,43	10,80	152,62	9,29	C	6.000	3.000 6.000	
Order no.	P6-120x30-L										



PROFILES 6

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	

Profile 6 120x30 heavy											
	16,00	4,31	10,28	35,16	15,40	210,92	12,23	C	6.000	3.000 6.000	
	Order no.	P6-120x30-S									


Profile 6 120x60 light											
	18,70	5,05	25,54	43,27	76,61	259,65	62,87	C	6.000	3.000 6.000	
	Order no.	P6-120x60-L									



Profile 6 120x60 heavy											
	24,84	6,71	34,20	57,91	102,65	347,58	84,85	C	6.000	3.000 6.000	
	Order no.	P6-120x60-S									



Profile 6 30x30-45° light											
	3,12	0,84	1,33	1,33	2,21	2,21	0,72	B	3.000	3.000	
	Order no.	P6-30x30-45-L									

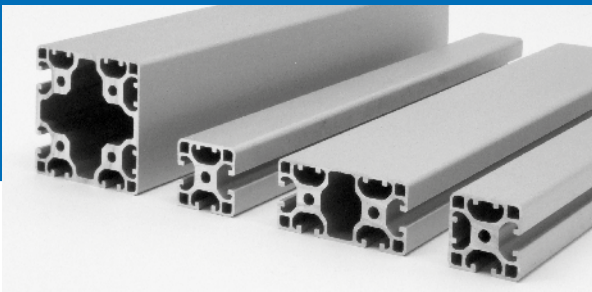



PROFILES


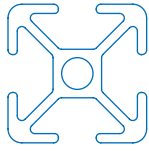
PROFILES 6											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 6 makes weight-optimised constructions possible. The T-slots are designed for screws sized M6.										



Profile 6 R30-90° light											
	3,07	0,83	1,32	1,32	2,16	2,16	0,83	B	3.000	3.000	
	Order no.	P6-R30-90-L									



Profile 6 R30/60-45°											
	4,52	1,22	2,42	2,31	5,81	4,15	3,93	B	6.000	3.000 6.000	
	Order no.	P6-R30/60-45									


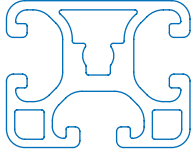


PROFILES 8											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 8 is suitable for all types of constructions and applications. Different profile types and sizes help to optimally manage the use of materials. The T-slots are designed for screws sized M8.										

Profile 8 30x30											
	3,43	0,89	1,80	1,80	2,70	2,70	0,27	B	6.000	3.000 6.000	
Order no.	P8-30x30										


Profile 8 40x16 E											
	2,40	0,64	0,81	1,83	0,65	3,66	0,35	B	3.000	3.000	
Order no.	P8-40x16-E										


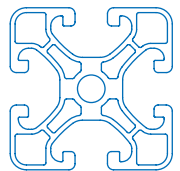
Profile 8 40x16 heavy											
	4,24	1,13	1,22	3,44	1,04	6,89	1,09	B	6.000	3.000 6.000	
Order no.	P8-40x16-S										


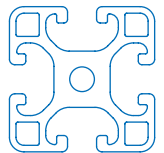
Profile 8 40x32 light											
	4,90	1,32	3,10	3,52	5,00	7,03	1,20	B	6.000	3.000 6.000	
Order no.	P8-40x32-L										


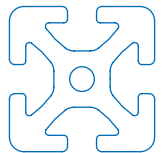



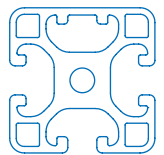
PROFILES

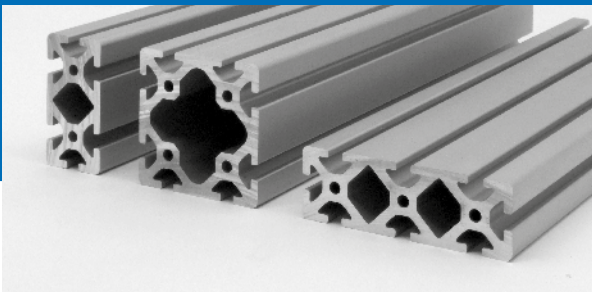
PROFILES 8											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 8 is suitable for all types of constructions and applications. Different profile types and sizes help to optimally manage the use of materials. The T-slots are designed for screws sized M8.										

Profile 8 40x40 E											
	5,07	1,37	3,70	3,70	7,39	7,39	0,99	B	6.000	3.000 6.000	
Order no.	P8-40x40-E										

Profile 8 40x40 light											
	6,57	1,77	4,50	4,50	9,00	9,00	1,12	B	6.000	3.000 6.000	
Order no.	P8-40x40-L										

Profile 8 40x40 heavy											
	9,22	2,49	6,96	6,96	13,94	13,94	1,93	B	6.000	3.000 6.000	
Order no.	P8-40x40-S										

Profile 8 40x40 1N light											
	6,61	1,78	4,66	4,50	9,54	9,01	2,99	B	6.000	3.000 6.000	
Order no.	P8-40x40-1N-L										



PROFILES 8											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ²]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	

Profile 8 40x40 2N90 light											
	6,80	1,83	4,69	4,69	9,63	9,63	4,91	B	6.000	3.000 6.000	
Order no.	P8-40x40-2N90-L										


Profile 8 40x40 2N180 E											
	5,00	1,34	4,07	4,83	8,15	8,77	4,64	B	6.000	3.000 6.000	
Order no.	P8-40x40-2N180-E										



Profile 8 40x40 2N180 light											
	6,77	1,83	5,06	4,52	10,12	9,03	4,88	B	6.000	3.000 6.000	
Order no.	P8-40x40-2N180-L										



Profile 8 40x40 3N light											
	6,96	1,90	4,70	5,11	9,62	10,23	6,95	B	6.000	3.000 6.000	
Order no.	P8-40x40-3N-L										


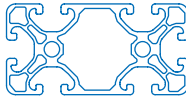



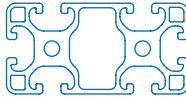
PROFILES

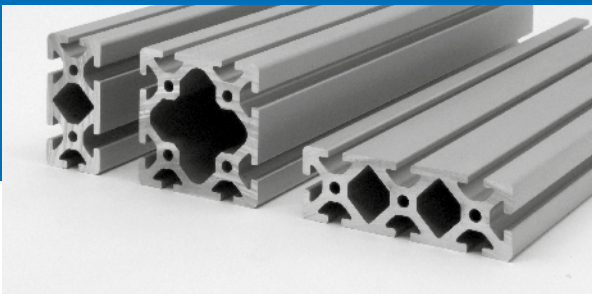
PROFILES 8											
ITEM	A	m	W_x	W_y	I_x	I_y	I_t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 8 is suitable for all types of constructions and applications. Different profile types and sizes help to optimally manage the use of materials. The T-slots are designed for screws sized M8.										

Profile 8 80x16 E											
	4,98	1,34	1,89	7,83	1,57	31,32	1,62	B	3.000	3.000	
Order no.	P8-80x16-E										

Profile 8 80x16 heavy											
	8,13	2,20	2,69	12,69	2,15	50,76	2,20	B	6.000	3.000 6.000	
Order no.	P8-80x16-S										

Profile 8 80x40 E											
	8,93	2,44	7,61	14,48	15,18	57,84	8,77	B	6.000	3.000 6.000	
Order no.	P8-80x40-E										

Profile 8 80x40 light											
	11,45	3,09	8,32	17,39	16,62	69,56	10,05	B	6.000	3.000 6.000	
Order no.	P8-80x40-L										



PROFILES 8

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	





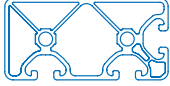

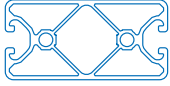

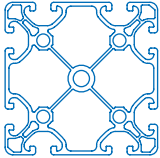
Profile 8 80x40 heavy											
	16,66	4,50	13,46	25,31	26,89	101,21	20,84	B	6.000	3.000 6.000	
Order no.	P8-80x40-S										

Profile 8 80x40 1N light											
	11,53	3,11	8,46	17,81	16,92	72,13	12,07	B	6.000	3.000 6.000	
Order no.	P8-80x40-1N-L										

Profile 8 80x40 2N light											
	11,60	3,13	8,62	17,71	17,72	70,86	18,51	B	6.000	3.000 6.000	
Order no.	P8-80x40-2N-L										



PROFILES

PROFILES 8											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 8 is suitable for all types of constructions and applications. Different profile types and sizes help to optimally manage the use of materials. The T-slots are designed for screws sized M8.										
Profile 8 80x40 2N180 E											
	8,44	2,28	7,93	13,63	15,85	54,51	21,82	B	6.000	3.000 6.000	
Order no.	P8-80x40-2N180-E										
Profile 8 80x40 3N90 E											
	8,24	2,21	7,50	13,38	15,32	54,68	16,53	B	6.000	3.000 6.000	
Order no.	P8-80x40-3N90-E										
Profile 8 80x40 4N180 E											
	8,04	2,17	7,56	13,85	15,12	55,41	21,90	B	6.000	3.000 6.000	
Order no.	P8-80x40-4N180-E										
Profile 8 80x80 E											
	15,11	4,37	25,82	25,82	103,31	103,31	50,93	C	6.000	3.000 6.000	
Order no.	P8-80x80-E										



PROFILES 8

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	


Profile 8 80x80 light											
	19,49	5,26	33,48	33,48	134,03	134,03	82,91	C	6.000	3.000 6.000	
Order no.	P8-80x80-L										


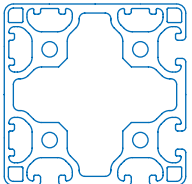
Profile 8 80x80 heavy											
	26,66	7,19	46,89	46,89	187,65	187,65	139,98	C	6.000	3.000 6.000	
Order no.	P8-80x80-S										



Profile 8 80x80 2N light											
	20,08	5,42	34,25	33,68	139,10	135,10	104,97	C	6.000	3.000 6.000	
Order no.	P8-80x80-2N-L										






PROFILES

PROFILES 8											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 8 is suitable for all types of constructions and applications. Different profile types and sizes help to optimally manage the use of materials. The T-slots are designed for screws sized M8.										

Profile 8 80x80 4N90 light											
	20,39	5,50	34,24	34,24	139,10	139,10	122,46	C	6.000	3.000 6.000	
Order no.	P8-80x80-4N90-L										


Profile 8 120x16 E											
	6,97	1,95	2,77	14,59	2,31	87,54	2,69	C	6.000	3.000 6.000	
Order no.	P8-120x16-E										


Profile 8 120x40 light											
	16,12	4,35	12,11	36,76	24,22	220,54	18,14	C	6.000	3.000 6.000	
Order no.	P8-120x40-L										

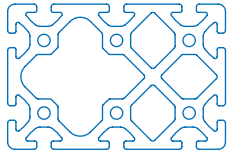
Profile 8 120x40 heavy											
	24,38	6,58	19,90	53,77	39,80	322,66	35,15	C	6.000	3.000 6.000	
Order no.	P8-120x40-S										





PROFILES 8

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
											

Profile 8 120x80 light											
	30,13	8,13	50,47	68,34	201,89	421,67	128,39	D	6.000	3.000 6.000	
Order no.	P8-120x80-L										


Profile 8 120x80 heavy											
	40,05	10,81	68,71	92,72	274,86	574,86	255,63	D	6.000	3.000 6.000	
Order no.	P8-120x80-S										



Profile 8 160x16											
	13,88	3,75	4,25	38,48	3,80	307,83	2,37	D	6.000	3.000 6.000	
Order no.	P8-160x16										


Profile 8 160x28 heavy											
	30,93	8,35	14,16	90,47	20,27	723,74	21,81	D	6.000	3.000 6.000	
Order no.	P8-160x28-S										


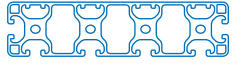



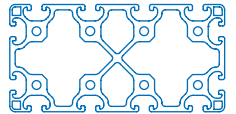
PROFILES

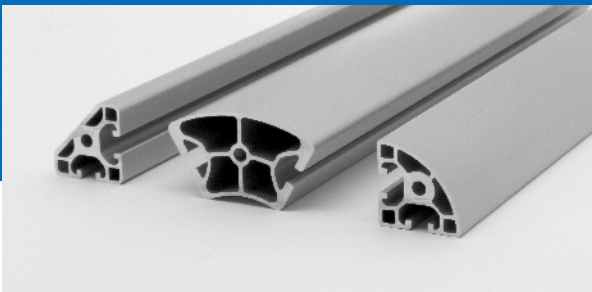
PROFILES 8											
ITEM	A	m	W_x	W_y	I_x	I_y	I_t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 8 is suitable for all types of constructions and applications. Different profile types and sizes help to optimally manage the use of materials. The T-slots are designed for screws sized M8.										

Profile 8 160x40 light											
	20,90	5,64	15,90	62,54	31,81	500,32	29,19	D	6.000	3.000 6.000	
Order no.	P8-160x40-L										

Profile 8 160x40 heavy											
	32,00	8,64	26,36	92,45	52,72	739,62	51,34	D	6.000	3.000 6.000	
Order no.	P8-160x40-S										

Profile 8 160x40 4N light											
	21,50	5,80	16,52	64,08	33,90	512,66	45,36	D	6.000	3.000 6.000	
Order no.	P8-160x40-4N-L										

Profile 8 160x80 light											
	37,80	10,21	66,77	113,48	267,07	907,88	261,72	D	6.000	3.000 6.000	
Order no.	P8-160x80-L										



PROFILES 8

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	


Profile 8 160x80 heavy											
	50,07	13,52	90,22	153,54	360,89	1.228,33	398,58	D	6.000	3.000 6.000	
	Order no.	P8-160x80-S									


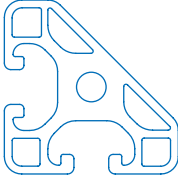
Profile 8 200x28 heavy											
	38,39	10,37	17,74	138,35	25,37	1383,53	22,91	D	6.000	3.000 6.000	
	Order no.	P8-200x28-S									


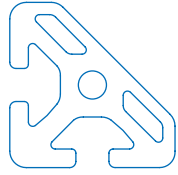
Profile 8 200x40 heavy											
	39,60	10,69	32,81	141,14	65,62	1.411,47	65,05	D	6.000	3.000 6.000	
	Order no.	P8-200x40-S									


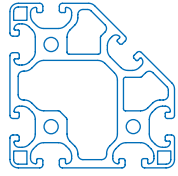



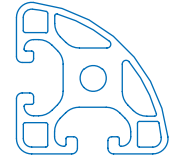
PROFILES

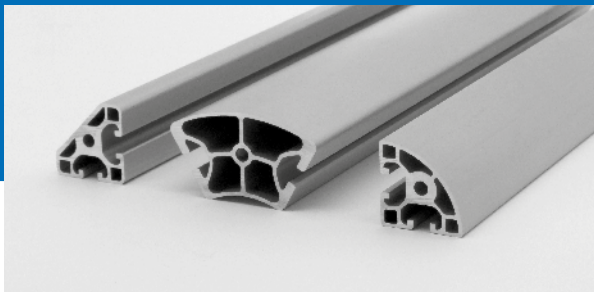
PROFILES 8											
ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	Series 8 is suitable for all types of constructions and applications. Different profile types and sizes help to optimally manage the use of materials. The T-slots are designed for screws sized M8.										

Profile 8 40x40-45° light											
	5,58	1,50	2,90	2,90	6,50	6,50	2,59	B	6.000	3.000 6.000	
Order no.	P8-40x40-45-L										

Profile 8 40x40-45° heavy											
	7,30	1,97	4,08	4,08	9,39	9,39	2,70	B	6.000	3.000 6.000	
Order no.	P8-40x40-45-S										

Profile 8 80x80-45° light											
	18,86	5,09	24,97	24,97	109,11	109,11	68,71	C	6.000	3.000 6.000	
Order no.	P8-80x80-45-L										

Profile 8 R40-90° light											
	5,72	1,54	3,04	3,04	6,65	6,65	2,93	B	6.000	3.000 6.000	
Order no.	P8-R40-90-L										



PROFILES 8											
ITEM	A	m	W_x	W_y	I_x	I_y	I_t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	

Profile 8 R40/80-30°											
	6,20	1,67	2,84	3,80	6,42	8,90	3,18	B	6.000	3.000 6.000	
Order no.	P8-R40/80-30										

Profile 8 R40/80-45°											
	10,23	2,67	6,74	6,14	21,33	16,06	12,41	B	6.000	3.000 6.000	
Order no.	P8-R40/80-45										


Profile 8 R40/80-60°											
	10,50	2,83	5,96	11,56	22,64	34,92	19,18	C	6.000	3.000 6.000	
Order no.	P8-R40/80-60										



Profile 8 R40/80-90°											
	15,00	4,05	18,69	18,69	76,25	76,25	45,84	C	6.000	3.000 6.000	
Order no.	P8-R40/80-90										







PROFILES

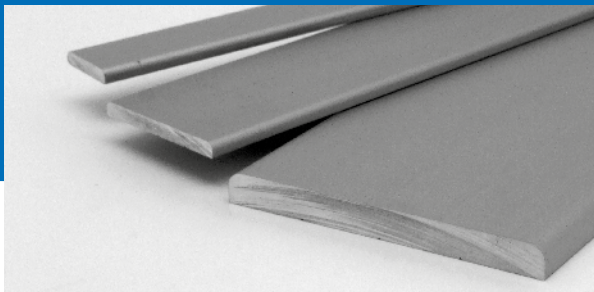
PROFILES M


ITEM	A	m	W _x	W _y	I _x	I _y	R	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[mm]	[type]	[mm]	[mm]	
	Highly versatile semi-finished products in proven profile design. Radii and profile surface are congruent with the profile of the basic modular set.										



Profile M 20x4 E											
	0,78	0,21	0,24	0,05	0,24	0,01	2,00	A	2.000	2.000	
	Order no.	P-M-20x4-E									



Profile M 40x4 E											
	1,57	0,42	1,03	0,10	2,06	0,02	2,00	A	6.000	2.000 6.000	
	Order no.	P-M-40x4-E									



Profile M 80x8 E											
	6,32	1,70	8,26	0,81	33,05	0,33	4,00	B	6.000	2.000 6.000	
	Order no.	P-M-80x8-E									





PROFILES MW											
ITEM	A	m	W_x	W_y	I_x	I_y	R	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[mm]	[type]	[mm]	[mm]	
	Highly versatile semi-finished products in proven profile design. Radii and profile surface are congruent with the profile of the basic modular set.										

Profile MW 20x20x4 E											
	1,41	0,38	0,35	0,35	0,48	0,48	2,00	A	6.000	2.000 6.000	
Order no.	P-MW-20x20x4-E										


Profile MW 40x20x4 E											
	2,21	0,59	0,38	1,40	0,59	3,52	2,00	A	6.000	2.000 6.000	
Order no.	P-MW-40x20x4-E										

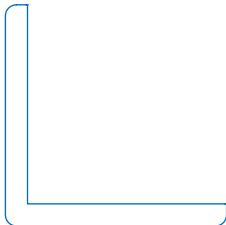
Profile MW 40x40x4 E											
	3,01	0,81	1,58	1,58	4,51	4,51	2,00	B	6.000	2.000 6.000	
Order no.	P-MW-40x40x4-E										


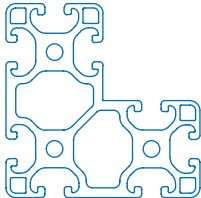
Profile MW 80x40x8 E											
	8,85	2,39	3,12	11,25	9,48	56,54	4,00	B	6.000	2.000 6.000	
Order no.	P-MW-80x40x8-E										

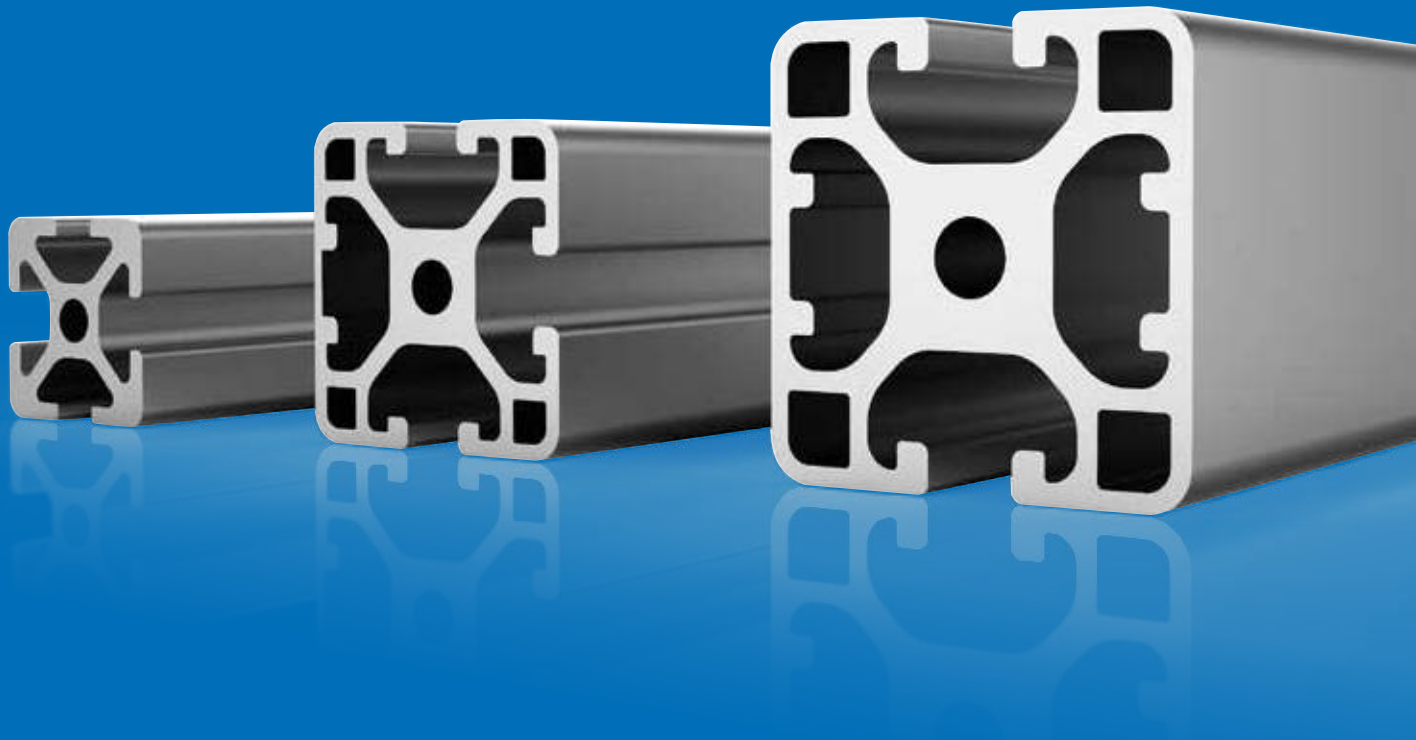


PROFILES

PROFILES MW											
ITEM	A	m	W _x	W _y	I _x	I _y	R	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[mm]	[type]	[mm]	[mm]	
	Highly versatile semi-finished products in proven profile design. Radii and profile surface are congruent with the profile of the basic modular set.										


Profile MW 80x80x8 E											
	12,05	3,25	12,66	12,66	72,27	72,27	4,00	B	6.000	2.000 6.000	
	Order no.	P-MW-80x80x8-E									


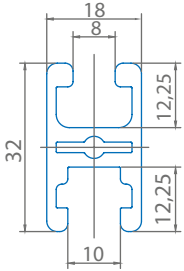
Profile 8 W80x80x40 light											
	17,77	4,79	20,54	20,54	95,35	95,35	31,41	C	6.000	3.000 6.000	
	Order no.	P8-W-80x80x40-L									

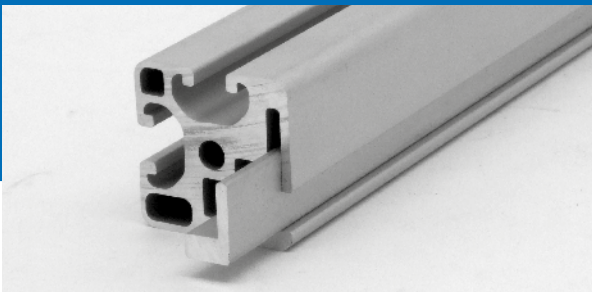




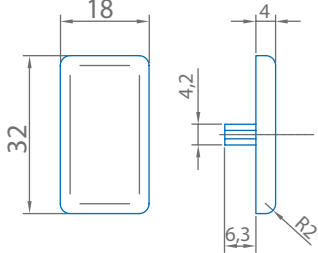

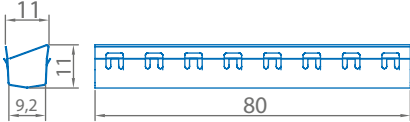

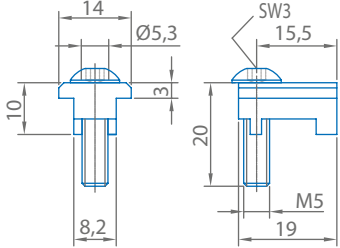

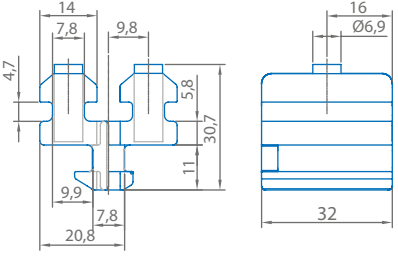


PROFILES

CLAMP PROFILE 8 32x18											
ITEM	A	m	W _x	W _y	I _x	I _y	Material	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]		[type]	[mm]	[mm]	
	<p>The clamp profile 8 32x18 is especially well-suited for the construction of light protection systems and sliding doors. The surface element is fastened in the groove using a clamping spring. For sliding doors in combination with the clamp profile 8 32x18, the sliding-door guide set 8/8 is used. One guide set is required per door. It is attached by snapping the spring bolt into the 7,0 mm diameter mounting hole of the clamp profile fastening set 8 32x18.</p> <p>Constructions with door elements of equal size follow this formula for the profile length:</p> $l = \frac{L + 32 \times (n - 1) - 8}{n}$ <p>Side protrusion of the caps of 4 mm has been taken into consideration. The doors may weigh max. 10 kg.</p>										

Clamp profile 8 32x18											
	2,50	0,68	1,12	1,24	1,88	1,12	Al anodised	B	6.000	3.000 6.000	
Order no.	KP8-32x18										




ACCESSORIES TO CLAMP PROFILE 8 32x18			
ITEM	Description	Order no.	Drawing
			
Cap 8 32x18, black			
	Material: PA-GF Colour: black m = 2,5 g	AK8-32x18	
Clamp spring 8, stainless			
	Material: St, stainless m = 4,5 g	KF-8	
Clamp profile fastening set 8 32x18, galvanised			
	Connector, die-cast zinc, galvanised Button-head screw ISO 7380-M5x20, St, galvanised M = 4,5 Nm m = 12,0 g	KPV-32x18	
Sliding-door guide set 8/8, black			
	4 sliding blocks (2 x right, 2 x left) POM, black Spring bolt, St, galvanised Spring, St, stainless m = 45,5 g	SFS-8/8	


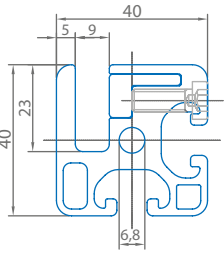


PROFILES


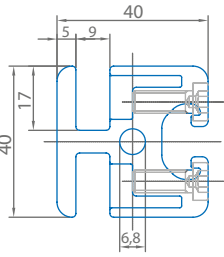
CLAMP PROFILE HEAVY

ITEM	A	m	W _x	W _y	I _x	I _y	Material	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ³]	[cm ⁴]	[cm ⁴]		[type]	[mm]	[mm]	
	Clamp profiles are used for the construction of large, stable protection systems. The surface elements are clamped using cylinder screws and profile terminal strips. The stability of the frame element is supported when the surface element is clamped in tightly. Clamp depth: 15 mm (circumferential)										


Clamp profile 8 40x40

	7,40	2,30	5,93	4,55	11,96	9,58	Al anodised	B	6.000	3.000 6.000	
	Order no.	KP8-40x40									


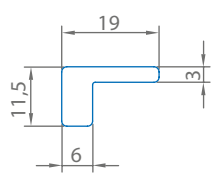
Clamp profile 8 40x40 180°

	8,38	2,56	5,70	6,20	11,40	13,00	Al anodised	B	6.000	3.000 6.000	
	Order no.	KP8-40x40-180									

PROFILE STRIP

ITEM	A	m	W _x	W _y	I _x	I _y	Material	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ²]	[cm ³]	[cm ⁴]	[cm ⁴]		[type]	[mm]	[mm]	
	The profile strip 8 19x11,5 serves as clamp strip in clamping profiles 8 40x40 and 40x40-180° of the heavy version. Furthermore, the profile strip can be used as a semi-finished product for a wide variety of applications.										

Profile strip 8 19x11,5

	1,14	0,30	0,30	0,17	0,41	0,13	Al anodised	A	6.000	6.000	
	Order no.	PL8-19x11.5									



CLAMP PROFILE-CROSS CONNECTOR 8 40x40			
ITEM	Description	Order no.	Drawing
	<p>The clamp profile-cross connector 8 offers the possibility to connect up to 4 clamp profiles of series 8. It is especially suitable for clippings, openings and inner corners in profile frame constructions made of clamp profile suitable. For mounting, a threaded hole M8x18 is required in each case in the core hole of the frame profiles.</p>		
<p>Clamp profile-cross connector 8 40x40</p>	<p>Material: die-cast zinc Colour: RAL 9006 Surface: white aluminium, lacquered a = 15⁺¹ mm (a = depth of immersion) m = 135,5 g</p>	<p>KP-KV8-40x40</p>	

CLAMP PROFILE-CONNECTOR			
ITEM	Description	Order no.	Drawing
	<p>Clamp profile-connector 8 are used for the simple assembly of profile frames, in particular for the construction of frame elements for the construction of e. g. protective fences. The connector is suitable for clamping profiles as well as for standard profiles of the 8 series. It is not necessary to notch areas inserted into the profile grooves. For mounting, a tapped hole M8x18 must be drilled into the core hole of the frame profiles. By means of the additional clamping profile suspensions offered, frame elements can be easily and flexibly integrated into existing designs. 12 mm must be used as the gap dimension between frame and column (measurement tolerances of +/- 3 mm can be balanced). Depending on the arrangement of the suspension brackets, the frame elements can be fixed or detached.</p>		
<p>Clamp profile-connector 8 40x40 E</p>	<p>Material: die-cast zinc Colour: RAL 9006 Surface: white aluminium, lacquered m = 203,0 g</p>	<p>KPV-40x40-E</p>	



PROFILES


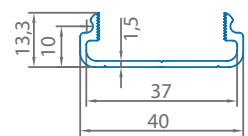
CONDUIT PROFILES

ITEM	A	m	W _x	W _y	I _x	I _y	Material	Saw cut	Cutmax.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]		[type]	[mm]	[mm]	


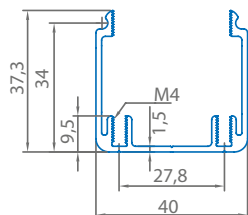


Conduit profiles and lid profiles can be used to construct different types of installation channels and/or cable routing ducts. Aluminium ducts are very stable and are well designed for appearance.


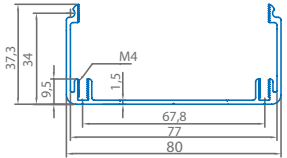
Conduit profile U 40x16

	1,04	0,28	0,15	1,09	0,15	2,18	Al anodised	B	6.000	3.000 6.000	
	Order no.	KP-U-40x16									


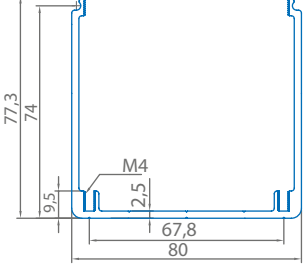
Conduit profile U 40x40

	2,28	0,38	1,24	2,96	3,13	5,93	Al anodised	B	6.000	3.000 6.000	
	Order no.	KP-U-40x40									


Conduit profile U 80x40 D80


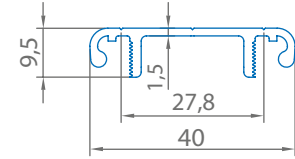

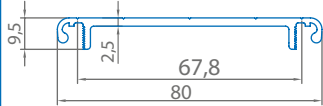
	2,87	0,78	1,35	7,45	3,74	29,82	Al anodised	B	6.000	3.000 6.000	
	Order no.	KP-U-80x40-D80									

Conduit profile U 80x80



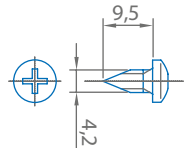

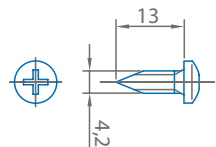

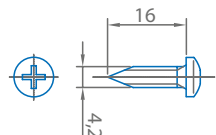
	6,14	1,66	7,16	17,73	36,60	70,95	Al anodised	C	6.000	3.000 6.000	
	Order no.	KP-U-80x80									



LID PROFILES											
ITEM	A	m	W _x	W _y	I _x	I _y	Material	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]		[type]	[mm]	[mm]	
											

Lid profile D40											
	1,17	0,20	0,12	1,00	0,08	2,01	Al anodised	B	6.000	3.000 6.000	
Order no.	DP-D40										
Lid profile D 80											
	2,37	0,64	0,13	3,72	0,10	14,91	Al anodised	B	6.000	3.000 6.000	
Order no.	DP-D80										

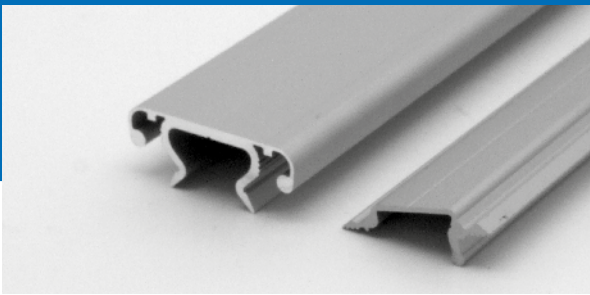
TAPPING SCREWS FOR LID PROFILES

ITEM	Description	Order no.	Drawing
	Tapping screws may be used in the crack line to secure the lid profiles. At the same time, an electrically conductive connection is established.		
Tapping screw DIN 7981 St 4,2x9,5 	Material: St Surface: galvanised m = 128,5 g / 100	BS-4,2x9,5	
Tapping screw DIN 7981 St 4,2x13 	Material: St Surface: galvanised m = 153,0 g / 100	BS-4,2x13	
Tapping screw DIN 7981 St 4,2x16 	Material: St Surface: galvanised m = 168,5 g / 100	BS-4,2x16	



PROFILES

WALL PROFILES			
ITEM	Description	Order no.	Drawing
	By a combination of wall- and support profiles, modular portable conduits can be produced. The conduit profile can be opened or closed from different sides by using a screwdriver. The construction / installation is carried out by pivoting the wall profiles in the support profile.		
Wall profile 40 	Material: Al, anodised A: 0,76 cm ² Saw cut: type B Cut max.: 3.000 mm Rods: 3.000 mm m = 0,20 kg/m	WP-40	
Wall profile 80 	Material: Al, anodised A: 2,03 cm ² Saw cut: type B Cut max.: 3.000 mm Rods: 3.000 mm m = 0,55 kg/m	WP-80	
Wall profile 120 	Material: Al, anodised A: 3,04 cm ² Saw cut: type C Cut max.: 3.000 mm Rods: 3.000 mm m = 0,82 kg/m	WP-120	
Wall profile 160 	Material: Al, anodised A: 4,04 cm ² Saw cut: type C Cut max.: 3.000 mm Rods: 3.000 mm m = 1,09 kg/m	WP-160	



SUPPORT PROFILES			
ITEM	Description	Order no.	Drawing
Support profile 40 without groove 	Material: Al, anodised A: 1,74 cm ² Saw cut: type B Cut max.: 3.000 mm Rods: 3.000 mm m = 0,47 kg/m	TP-40	
Support profile 80 without groove 	Material: Al, anodised A: 2,73 cm ² Saw cut: type B Cut max.: 3.000 mm Rods: 3.000 mm m = 0,74 kg/m	TP-80	
Support profile 120 without groove 	Material: Al, anodised A: 3,73 cm ² Saw cut: type C Cut max.: 3.000 mm Rods: 3.000 mm m = 1,01 kg/m	TP-120	
Support profile 160 without groove 	Material: Al, anodised A: 4,73 cm ² Saw cut: type C Cut max.: 3.000 mm Rods: 3.000 mm m = 1,27 kg/m	TP-160	

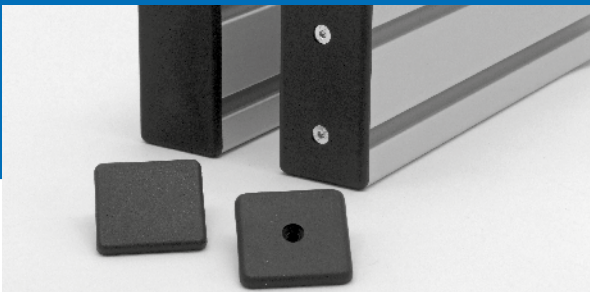
COVER ELEMENTS





COVER ELEMENTS

CAPS 5 PA			
ITEM	Description	Order No.	Drawing
	Caps for profile ends with anti-rotation lock. Caps improve the appearance, help avoid injuries from cuts and prevent dirt from entering. Caps PA are easily and quickly mounted and the profiles cut surfaces no longer have to be deburred.		
Cap 5 20x10, black 	Material: PA-GF Colour: black m = 0,6 g	AK5-20x10	
Cap 5 20x20, black 	Material: PA-GF Colour: black m = 1,2 g	AK5-20x20	
Cap 5 40x10, black 	Material: PA-GF Colour: black m = 1,0 g	AK5-40x10	
Cap 5 40x20, black 	Material: PA-GF Colour: black m = 2,2 g	AK5-40x20	
Cap 5 40x40, black 	Material: PA-GF Colour: black m = 5,0 g	AK5-40x40	
Cap 5 60x20, black 	Material: PA-GF Colour: black m = 3,3 g	AK5-60x20	

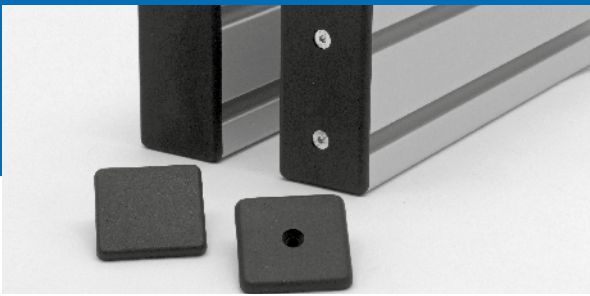


CAPS 5 PA			
ITEM	Description	Order no.	Drawing
Cap 5 60x40, black 	Material: PA-GF Colour: black m = 7,0 g	AK5-60x40	
Cap 5 80x20, black 	Material: PA-GF Colour: black m = 4,4 g	AK5-80x20	
Cap 5 R20-90°, black 	Material: PA-GF Colour: black m = 0,9 g	AK5-R20-90	
Cap 5 R20/40-30°, black 	Material: PA-GF Colour: black m = 0,7 g	AK5-R20/40-30	
Cap 5 R20/40-45°, black 	Material: PA-GF Colour: black m = 1,2 g	AK5-R20/40-45	
Cap 5 R20/40-60°, black 	Material: PA-GF Colour: black m = 1,5 g	AK5-R20/40-60	



COVER ELEMENTS

CAPS 6 PA			
ITEM	Description	Order no.	Drawing
	Caps for profile ends with anti-rotation lock. Caps improve the appearance, help avoid injuries from cuts and prevent dirt from entering. Caps PA are easily and quickly mounted and the profiles cut surfaces no longer have to be deburred.		
Cap 6 30x12, black 	Material: PA-GF Colour: black m = 1,0 g	AK6-30x12	
Cap 6 30x30, black 	Material: PA-GF Colour: black m = 2,6 g	AK6-30x30	
Cap 6 60x30, black 	Material: PA-GF Colour: black m = 5,2 g	AK6-60x30	
Cap 6 60x60, black 	Material: PA-GF Colour: black m = 9,4 g	AK6-60x60	
Cap 6 120x30, black 	Material: PA-GF Colour: black m = 10,2 g	AK6-120x30	
Cap 6 120x60, black 	Material: PA-GF Colour: black m = 20,8 g	AK6-120x60	



CAPS 6 PA

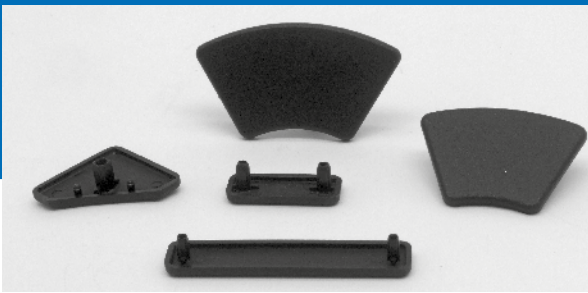
ITEM	Description	Order no.	Drawing
Cap 6 30x30-45°, black	Material: PA-GF Colour: black m = 1,9 g	AK6-30x30-45	
Cap 6 R30-90°, black	Material: PA-GF Colour: black m = 2,0 g	AK6-R30-90	
Cap 6 R30/60-45°, black	Material: PA-GF Colour: black m = 3,0 g	AK6-R30/60-45	



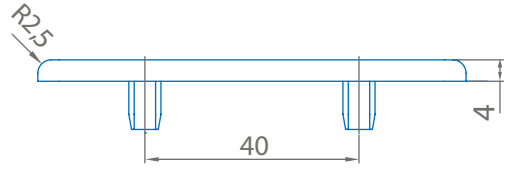





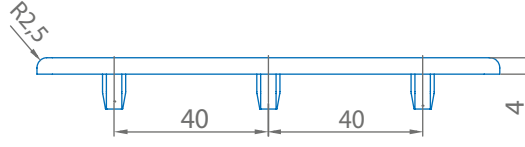

Cover elements



COVER ELEMENTS

CAPS 8 PA			
ITEM	Description	Order no.	Drawing
	Caps for profile ends with anti-rotation lock. Caps improve the appearance, help avoid injuries from cuts and prevent dirt from entering. Caps PA are easily and quickly mounted and the profiles cut surfaces no longer have to be deburred.		
Cap 8 30x30, black 	Material: PA-GF Colour: black m = 2,5 g	AK8-30x30	
Cap 8 40x16, black 	Material: PA-GF Colour: black m = 2,0 g	AK8-40x16	
Cap 8 40x32, black 	Material: PA-GF Colour: black m = 4,3 g	AK8-40x32	
Cap 8 40x40, black 	Material: PA-GF Colour: black m = 4,5 g	AK8-40x40	
Cap 8 40x40, grey 	Material: PA-GF Colour: grey similar to RAL 7042 m = 4,5 g	AK8-40x40-G	
Cap 8 80x16, black 	Material: PA-GF Colour: black m = 4,0 g	AK8-80x16	

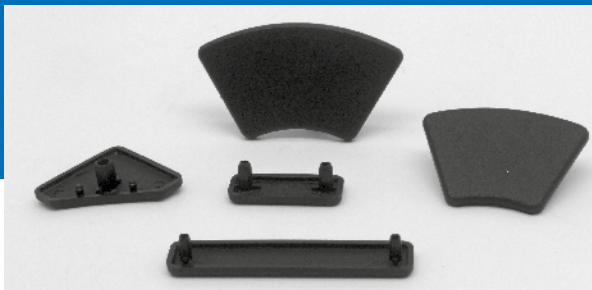




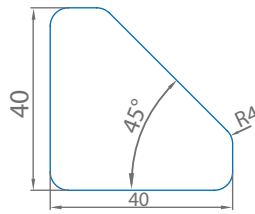

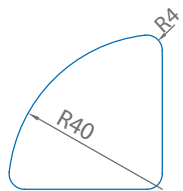

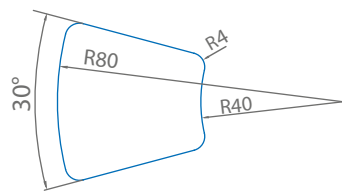

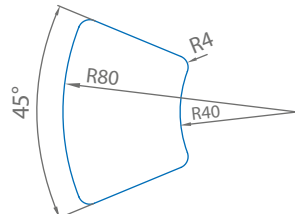

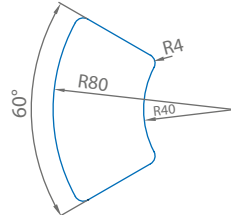

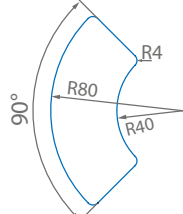
CAPS 8 PA			
ITEM	Description	Order no.	Drawing
			
Cap 8 80x40, black 	Material: PA-GF Farbe: black m = 10,0 g	AK8-80x40	
Cap 8 80x40, grey 	Material: PA-GF Colour: grey similar to RAL 7042 m = 10,0 g	AK8-80x40-G	
Cap 8 80x80, black 	Material: PA-GF Colour: black m = 19,0 g	AK8-80x80	
Cap 8 120x16, black 	Material: PA-GF Colour: black m = 6,0 g	AK8-120x16	
Cap 8 120x40, black 	Material: PA-GF Colour: black m = 14,0 g	AK8-120x40	
Cap 8 120x80, black 	Material: PA-GF Colour: black m = 29,5 g	AK8-120x80	



COVER ELEMENTS



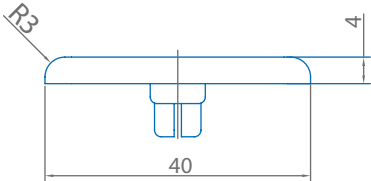

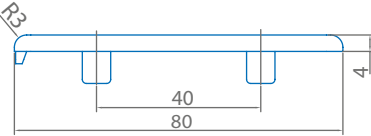

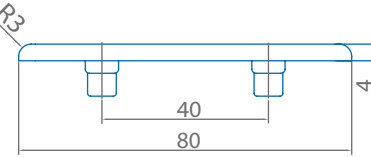
CAPS 8 PA			
ITEM	Description	Order no.	Drawing
	Caps for profile ends with anti-rotation lock. Caps improve the appearance, help avoid injuries from cuts and prevent dirt from entering. Caps PA are easily and quickly mounted and the profiles cut surfaces no longer have to be deburred.		
Cap 8 160x16, black 	Material: PA-GF Colour: black m = 8,5 g	AK8-160x16	
Cap 8 160x28, black 	Material: PA-GF Colour: black m = 14,0 g	AK8-160x28	
Cap 8 160x40, black 	Material: PA-GF Colour: black m = 19,0 g	AK8-160x40	
Cap 8 160x80, black 	Material: PA-GF Colour: black m = 35,5 g	AK8-160x80	
Cap 8 200x28, black 	Material: PA-GF Colour: black m = 22,0 g	AK8-200x28	
Cap 8 200x40, black 	Material: PA-GF Colour: black m = 29,0 g	AK8-200x40	



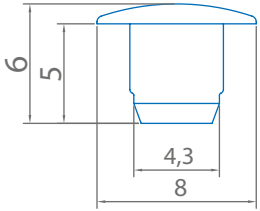


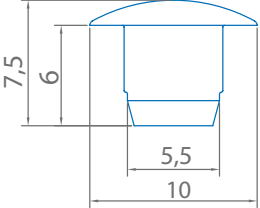


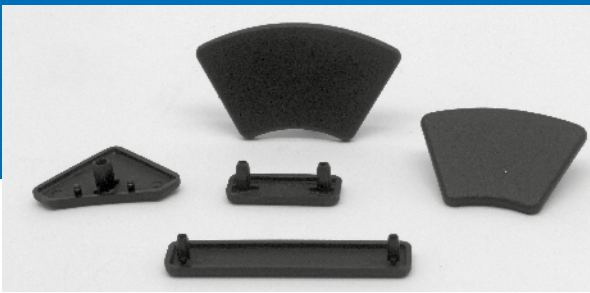
CAPS 8 PA			
ITEM	Description	Order no.	Drawing
			
Cap 8 40x40-45°, black 	Material: PA-GF Colour: black m = 3,5 g	AK8-40x40-45	
Cap 8 R40-90°, black 	Material: PA-GF Colour: black m = 4,0 g	AK8-R40-90	
Cap 8 R40/80-30°, black 	Material: PA-GF Colour: black m = 4,5 g	AK8-R40/80-30	
Cap 8 R40/80-45°, black 	Material: PA-GF Colour: black m = 6,0 g	AK8-R40/80-45	
Cap 8 R40/80-60°, black 	Material: PA-GF Colour: black m = 7,0 g	AK8-R40/80-60	
Cap 8 R40/80-90°, black 	Material: PA-GF Colour: black m = 12,0 g	AK8-R40/80-90	





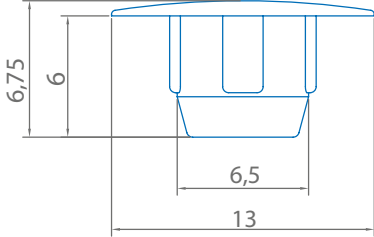
COVER ELEMENTS

CAPS 8 SCREW-IN			
ITEM	Description	Order no.	Drawing
	Caps 8 screw-in for profile ends. They are attached using countersunk screws M4x16 galvanised. Screwing on the cap ensures increased stability.		
Cap 8 40x40 screw-in, black 	Material: PA-GF Colour: black m = 7,0 g	AK8-40x40-V	
Cap 8 80x40 screw-in, black 	Material: PA-GF Colour: black m = 13,0 g	AK8-80x40-V	
Cap 8 80x80 screw-in, black 	Material: PA-GF Colour: black m = 27,0 g	AK8-80x80-V	



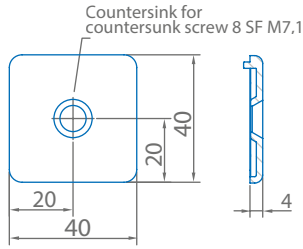

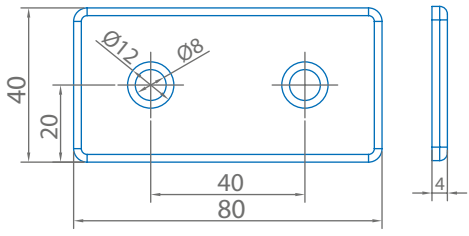

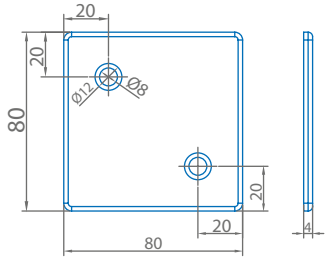


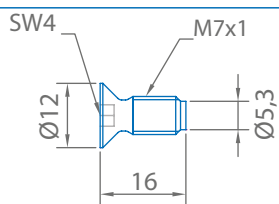
CAPS FOR BORES			
ITEM	Description	Order no.	Drawing
	Caps for closing bores when using profiles with closed groove.		
Cap 5 D4,3 	Material: PA-GF Colour: black m = 8,0 g/100	AK5-D4,3	
			
Cap 6 D5,5 	Material: PA-GF Colour: black m = 14,0 g/100	AK6-D5,5	



CAPS FOR BORES



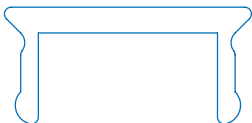

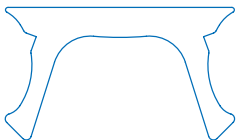

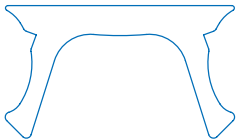

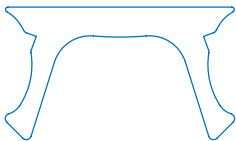

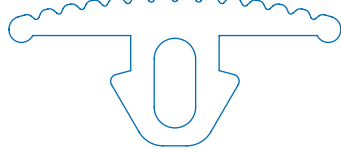

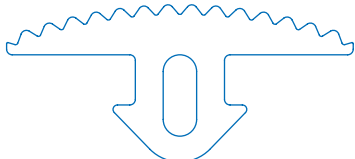

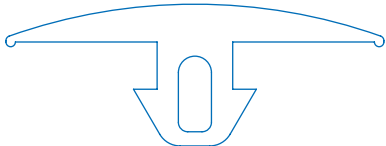
ITEM	Description	Order no.	Drawing
			
Cap 8 D7,0 	Material: PA-GF Colour: black m = 27,0 g/100	AK8-D7	

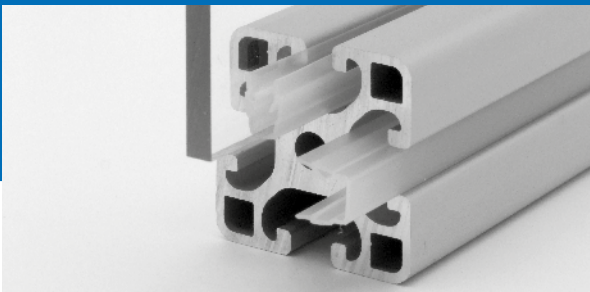
CAPS 8 ZN

ITEM	Description	Order no.	Drawing
	Caps 8 Zn, black are particularly robust and break-proof. Fixing in the core holes of the basic profiles is carried out by means of the additional countersunk screws 8 SF M7,1 (Order no.: SS-SF-M7,1). The screws provide a secure and vibration-proof grip. The caps 8 Zn are temperature-resistant and also protect against sharp-edged cutting edges.		
Cap 8 40x40 Zn, black 	Material: die-cast zinc Colour: black Surface: black powder-coated m = 25,0 g	AK8-40x40-ZN	
Cap 8 80x40 Zn, black 	Material: die-cast zinc Colour: black Surface: black powder-coated m = 52,0 g	AK8-80x40-ZN	
Cap 8 80x80 Zn, black 	Material: die-cast zinc Colour: black Surface: black powder-coated m = 95,5 g	AK8-80x80-ZN	
	Countersunk screw 8 SF M7,1, black is a self-tapping screw for fastening caps 8 Zn. Fixing in the core holes of all profiles of the 8 series are done without additional threading. The screw can be loosened and retightened at any time.		
Countersunk screw 8 SF M7,1, black 	Material: Steel burnished Colour: black m = 4,0 g	SS-SF-M7,1	



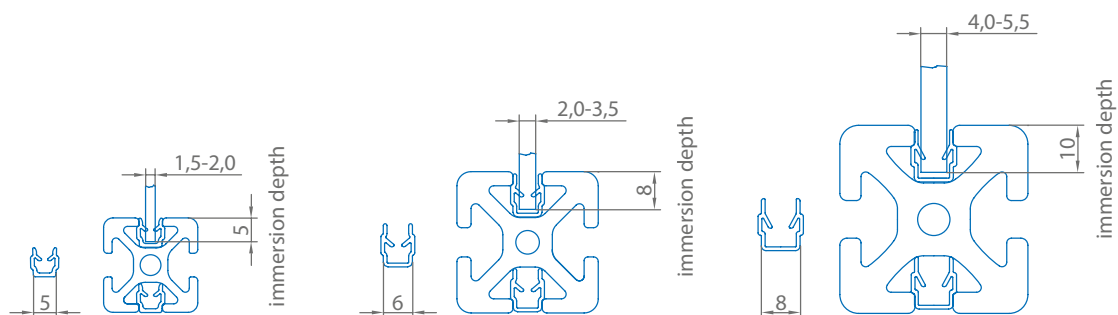
COVER ELEMENTS

COVER PROFILES			
ITEM	Description	Order no.	Drawing
	Cover profiles for closing the groove, dust-proof and easy to clean. Cover profiles are well-suited for covering cables and hoses in the profile groove.		
Cover profile 8 Al 	Material: Al, anodised 1 rod á 2.000 mm m = 32,0 g/m	AP8N	
Cover profile 8 PP, grey 	Material: PP, grey similar to RAL 7035 1 rod á 2.000 mm m = 10,0 g/m	AP8-PP-G	
Cover profile 8 PP, window grey 	Material: window grey similar to RAL 7040 1 rod á 2.000 mm m = 10,0 g/m	AP8-PP-FG	
Cover profile 8 PP, black 	Material: PP, black 1 rod á 2.000 mm m = 10,0 g/m	AP8-PP-S	
Cover profile 6 24x3, black 	Material: NBR, black oil and water-resistant Hardness 80 Sh A 1 castor = 20 m m = 120,0 g/m	AP6-24x3	
Cover profile 8 32x4, black 	Material: NBR, black oil and water-resistant Hardness: 80 Sh A 1 castor = 20 m m = 238,0 g/m	AP8-32x4	
Cover profile 8 40x4, black 	Material: NBR, black oil and water-resistant Hardness: 80 Sh A 1 castor = 20 m m = 238,0 g/m	AP8-40x4	



COVER- AND DOUBLE-LID PROFILES

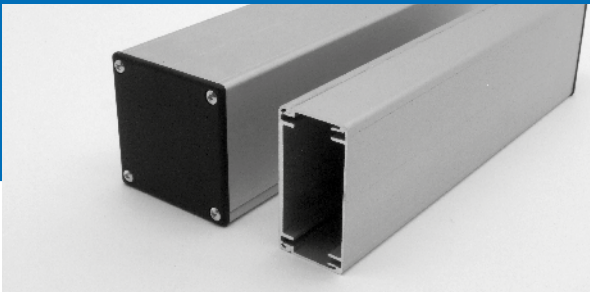
ITEM	Colour	a	m	Material	1 rod á	Order no.
		[mm]	[g/m]			
	Can be used as cover profile for closing the profile groove off against soiling and as binding profile for supporting surface elements. Further cover profiles in colour can be found in the chapter "cover elements" on page 67.					
Cover- and double-lid profile 5	natural	1,5 - 2,0	12,0	PP	2.000 mm	AEP5-N
Cover- and double-lid profile 5	black	1,5 - 2,0	12,0	PP	2.000 mm	AEP5-S
						
Cover- and double-lid profile 6	natural	2,0 - 3,5	16,5	PP	2.000 mm	AEP6-N
Cover- and double-lid profile 6	black	2,0 - 3,5	16,5	PP	2.000 mm	AEP6-S
						
Cover- and double-lid profile 8	natural	4,0 - 5,5	22,0	PP	2.000 mm	AEP8-N
Cover- and double-lid profile 8	black	4,0 - 5,5	22,0	PP	2.000 mm	AEP8-S
Cover- and double-lid profile 8	blue, similar to RAL 5005	4,0 - 5,5	22,0	PP	2.000 mm	AEP8-B
Cover- and double-lid profile 8	red, similar to RAL 3020	4,0 - 5,5	22,0	PP	2.000 mm	AEP8-R
Cover- and double-lid profile 8	yellow, similar to RAL 1018	4,0 - 5,5	22,0	PP	2.000 mm	AEP8-GE
Cover- and double-lid profile 8	grey, similar to RAL 7035	4,0 - 5,5	22,0	PP	2.000 mm	AEP8-G





COVER ELEMENTS

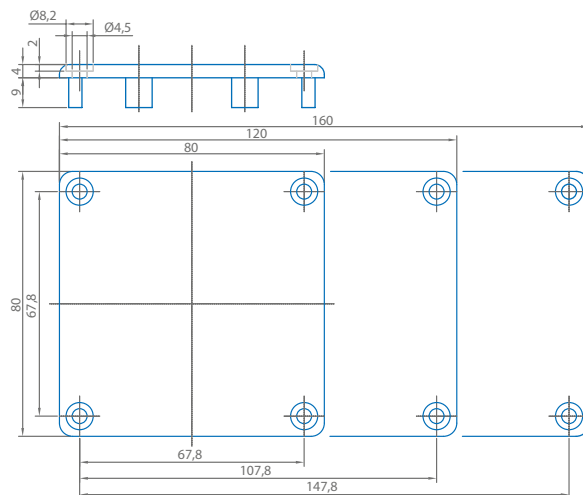
CONDUIT CAPS		
ITEM	Description	Order No.
	<p>Front-side cover of the surface cuts through conduit profiles. The use of conduit caps reduces the risk of injury and deburring no longer has to be carried out. Recommended screws for attaching conduit caps: Tapping screw DIN 7981 4.2x9.5 - order number: BS-4.2x9.5</p>	
Conduit cap 80x80, black 	<p>Material: PA-GF Colour: black a = 40,0 mm b = 40,0 mm c = 4,0 mm m = 8,5 g</p>	KA8-40x40
Conduit cap 80x40, black 	<p>Material: PA-GF Colour: black a = 80,0 mm b = 40,0 mm c = 4,0 mm m = 14,0 g</p>	KA8-80x40
Conduit cap 120x40, black 	<p>Material: PA-GF Colour: black a = 120,0 mm b = 40,0 mm c = 4,0 mm m = 22,0 g</p>	KA8-120x40
Conduit cap 160x40, black 	<p>Material: PA-GF Colour: black a = 160,0 mm b = 40,0 mm c = 4,0 mm m = 29,0 g</p>	KA8-160x40



CONDUIT CAPS




ITEM	Description	Order No.
Conduit cap 80x80, black 	Material: PA-GF Colour: black a = 80,0 mm b = 80,0 mm c = 4,0 mm m = 28,5 g	KA8-80x80
Conduit cap 120x80, black 	Material: PA-GF Colour: black a = 120,0 mm b = 80,0 mm c = 4,0 mm m = 46,5 g	KA8-120x80
Conduit cap 160x80, black 	Material: PA-GF Colour: black a = 160,0 mm b = 80,0 mm c = 4,0 mm m = 59,0 g	KA8-160x80

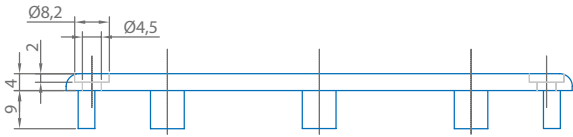
Cover elements

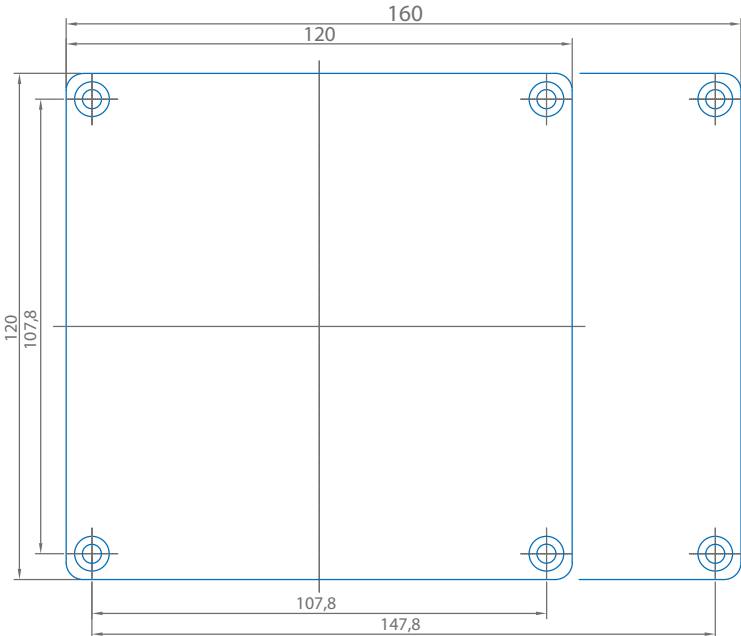


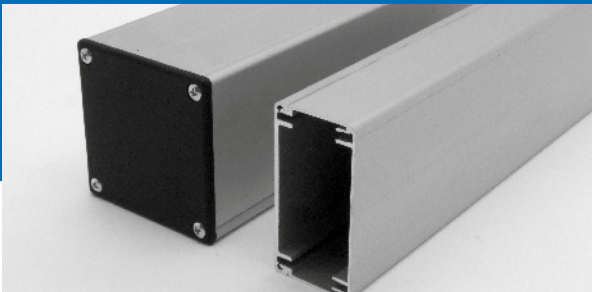


COVER ELEMENTS


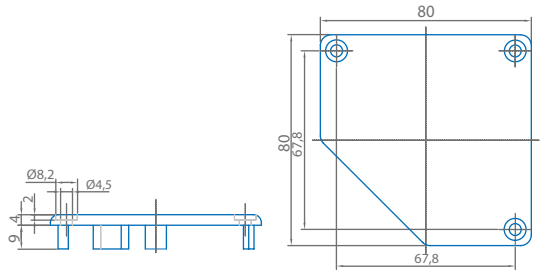
CONDUIT CAPS		
ITEM	Description	Order no.
	<p>Front-side cover of the surface cuts through conduit profiles. The use of conduit caps reduces the risk of injury and deburring no longer has to be carried out. Recommended screws for attaching conduit caps: Tapping screw DIN 7981 4.2x9.5 - order number: BS-4.2x9.5</p>	
Conduit cap 120x120, black 	<p>Material: PA-GF Colour: black a = 120,0 mm b = 120,0 mm c = 4,0 mm m = 73,0 g</p>	KA8-120x120
Conduit cap 160x120, black 	<p>Material: PA-GF Colour: black a = 160,0 mm b = 120,0 mm c = 4,0 mm m = 93,0 g</p>	KA8-160x120




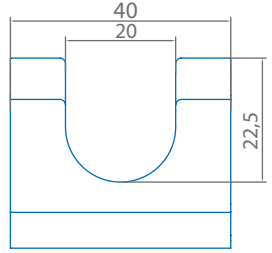
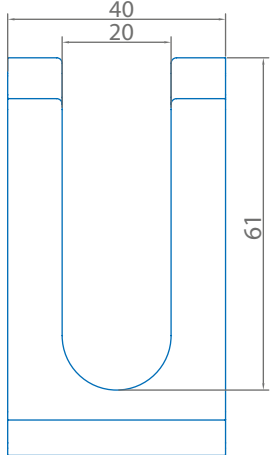




CONDUIT CAPS



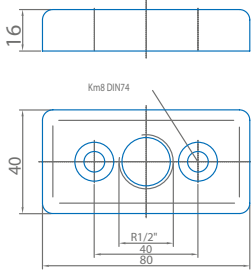

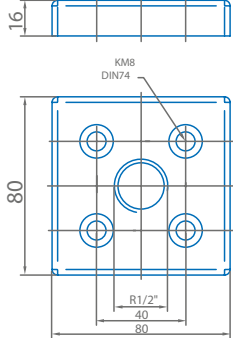

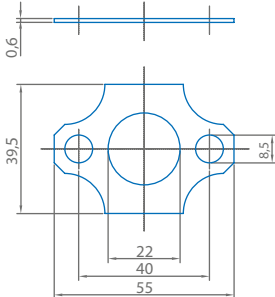

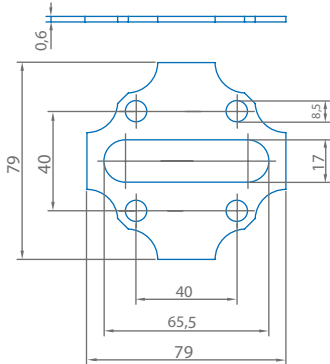
ITEM	Description	Order no.	Drawing
			
Conduit cap set 80x80-45°, black	Material: PA-GF Colour: black Conduit cap 80x80-45° left Conduit cap 80x80-45° right m = 54,0 g	KA8-80x80-45-SZ	

CABLE ENTRY PROTECTOR

ITEM	Description	Order no.	Drawing
	With modular cable entry protectors in combination with wall and support profiles, cable entry protectors make it possible to lay cables safely and easily. The cable entry protectors cover the sharp cutting edges of the wall profiles and allow cables and hoses to be safely ejected. This allows you to wall profiles interruptions at any point.		
Cable entry protector wall 40, black	Material: PA-GF Colour: black m = 5,0 g	DF-W40	
Cable entry protector wall 80, black	Material: PA-GF Colour: black m = 8,0 g	DF-W80	



COVER ELEMENTS

PNEUMATIC CONNECTING PLATES			
ITEM	Description	Order no.	Drawing
 <p>Pneumatic connecting plates for sealing the front-side profile surface cuts. The base profile can therefore serve as compressed air supply system. The connection plate is attached using button-head screws ISO 7380-M8x20 on the front side in the core boreholes of the base profile. A pneumatic seal 8 80x40 PE is used for sealing purposes. Connection processing: M8x18</p>			
Pneumatic connecting plate 8 80x40 R 1/2", natural anodised 	Material: Al, anodised Colour: natural anodised m = 112,5 g	P-AP-80x40-R1/2	
Pneumatic connecting plate 8 80x80 R 1/2", natural anodised 	Material: Al, anodised Colour: natural anodised m = 237,0 g	P-AP-80x80-R1/2	
Pneumatic seal 8 80x40 PE-LD 	Material: PE-LD transparent, self-adhesive m = 1,0 g	PD8-80x40	
Pneumatic seal 8 80x80 PE-LD 	Material: PE-LD transparent, self-adhesive m = 2,5 g	PD8-80x80	



RADIUS SEALS


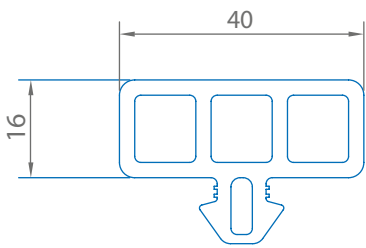


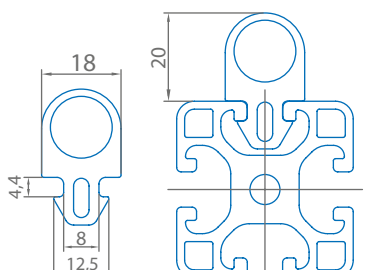


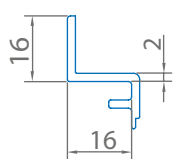

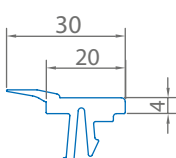

ITEM	Description	Order no.	Drawing
	The radius seal enables a smooth transition of the connection points. They are mainly used for clean-room applications.		
Radius seal 8 40x40, grey			
	Material: PA Colour: grey similar to RAL 7042 m = 2,0 g	RD8-40x40	
Radius seal 8 80x40-R40, grey			
	Material: PA Colour: grey similar to RAL 7042 m = 4,0 g	RD8-80x40-R40	
Radius seal 8 80x40-R80, grey			
	Material: PA Colour: grey similar to RAL 7042 m = 4,0 g	RD8-80x40-R80	

FOOT-CAP

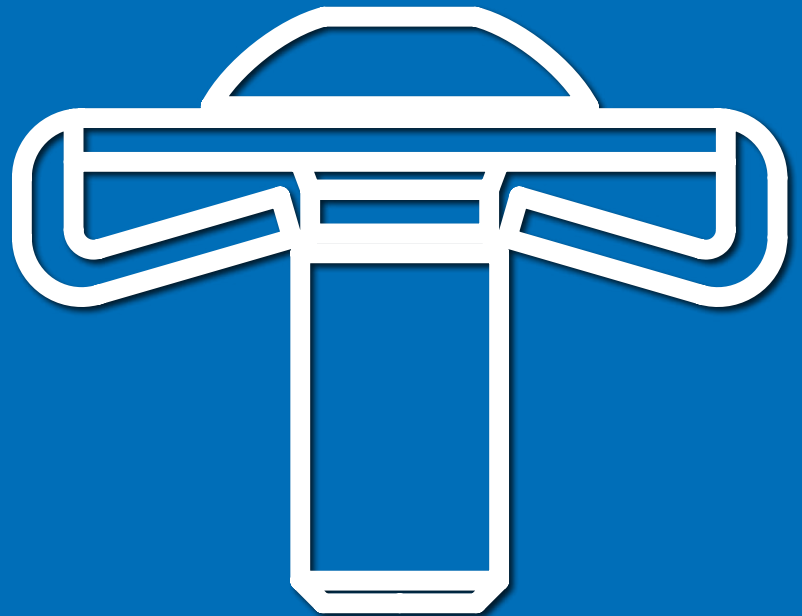
ITEM	Description	Order no.	Drawing
	For front-side cover of profile 8 40x40 light. The core hole for insertion of an adjustable foot sized max. M10 is used for this. The foot cap clamps independently into the outer cavities of the profile 8 40x40 light. Covering the profile edge reduces the risk of injury in the foot area of tables, shelves etc.		
Foot cap 8 40x40 light, black			
	Material: PA-GF Colour: black m = 6,0 g	FAK8-40x40-L	



COVER ELEMENTS

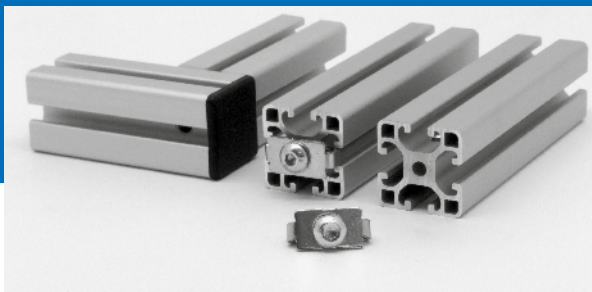
PROTECTIVE PROFILE			
ITEM	Description	Order no.	Drawing
	<p>The protective profile made of TPE serves to prevent damage and injury. Furthermore, the elastic hollow-chamber profile protects the profile edges from corrosion and can be used as impact protection. The protective profiles are clipped directly into the profile groove and lock themselves automatically.</p>		
Protective profile 8 40x16, black	<p>Material: TPE Colour: black 1 rod á 2.000 mm m = 332,5 g</p>	SP-8-40x16	
			
STOP PROFILE			
ITEM	Description	Order no.	Drawing
	<p>The stop profile 8 20x18, black can be used as a stop for doors and as a sealing profile for closing gaps. The component is oil and water-resistant and can be used in combination with all profiles of the 8 series. Installation is carried out by pressing it into the profile groove. While using as a sealing profile, the height under pressure should be reduced by a maximum of 5 mm, i. e. there should be a gap of at least 15 mm.</p>		
Stop profile 8 20x18, black	<p>Material: NBR, black oil and water-resistant Hardness: 70 Sh A m = 240 g/m</p>	AP8-20x18	
			
PANEL-CLAMPING-STRIPS			
ITEM	Description	Order no.	Drawing
	<p>With panel clamping strips, panel elements can be retrofitted into closed profile frames. In order to improve the optical appearance, the panels are mounted largely flush with the outer edge of the base frame. Assembly can be carried out without additional machining. Into the profile groove an aluminium strip is inserted to accommodate the surface. The fixation is then made by an elastic plastic strip. If necessary, you can remove the plastic strip and remove the panel.</p>		
Panel-clamping-strip 8 Al	<p>Material: Al Surface: anodised Rod: 3.000 mm m = 256,0 g/m</p>	SEL8-AL	
			
Panel-clamping-strip 8 2-4 mm, grey	<p>Material: PP/TPE Colour: grey similar to RAL 7042 Rod: 3.000 mm m = 151,0 g/m</p>	SEL8-2-4	
			



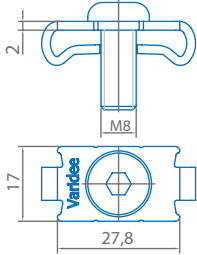

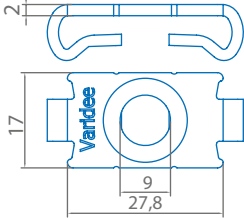


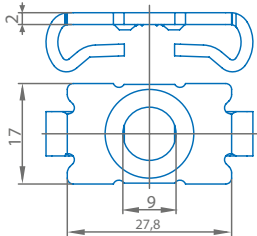


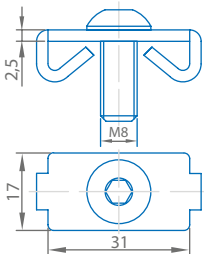
CONNECTION TECHNOLOGY





STANDARD-FASTENERS			
ITEM	Description	Order No.	Drawing
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Standard-fastening set 5, galvanised	Standard connector sheet 5, St, galvanised Button-head screw ISO 7380-M5x12 St, galvanised M = 4,5 Nm m = 4,0 g	ZP5-SZ	
Standard-fastener 5, galvanised	Standard connector sheet 5, St, galvanised M = 4,5 Nm m = 1,5 g		
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">6</div> <div> <p>Right-angled and frictional connection for high capacities. The standard fastening sets allows for optimum force transmission and secures the connection against twisting. Connection processing (details see chapter processing)</p> </div> </div>			
Standard-fastening set 6, galvanised	Standard connector sheet 6, St, galvanised Button-head screw ISO 7380-M6x14, St M = 10,0 Nm m = 10,5 g	ZP6-SZ	
Standard-fastener 6, galvanised	Standard connector sheet 6, St galvanised M = 10,0 Nm m = 6,5 g		



STANDARD- FASTENERS			
ITEM	Description	Order No.	Drawing
			
Standard-fastening set 8, galvanised 	Standard connector sheet 8, galvanised Button-head screw with shaft ISO 7380- M8x20, St M = 25,0 Nm m = 20,5 g	ZP8-SZ	
Standard-fastener 8, galvanised 	Standard connector sheet 8, galvanised Button-head screw with shaft ISO 7380- M8x20, St M = 25,0 Nm m = 20,5 g	ZP8	
	Highly loadable right-angled and non-positive connection. The standard fastener guarantees an optimal application of force and secures the connection against damage. Spikes on the standard fastener break open the anodised layer of the inserted profiles and create a safe, electrically conductive connection.		
Standard-fastener 8 ESD, galvanised 	Standard connector sheet 8 ESD, St, galvanised M = 25,0 Nm m = 18,5 g	ZP8-ESD	
	Highly loadable right-angled and non-positive connection. The standard fastener guarantees an optimal application of force and secures the connection against damage. The used stainless steel (A2) provides corrosion protection in wet and outdoor areas.		
Standard-fastening set 8, stainless 	Standard connector sheet 8, stainless steel, stainless M = 20,0 Nm m = 18,0 g	ZP8-SZ-R	



STANDARD-FASTENERS			
ITEM	Description	Order no.	Drawing
	<p>Right-angled and frictional connection for high capacities. The standard fastening sets allows for optimum force transmission and secures the connection against twisting. Connection processing (details see chapter processing)</p>		
<p>Standard-fastener 8 one-sided, galvanised</p>	<p>Standard connector sheet 8, St, galvanised $M = 25,0 \text{ Nm}$ $m = 7,0 \text{ g}$</p>	<p>ZP8-ES</p>	
<p>Standard-fastener 8 without nose</p>	<p>Standard connector sheet 8, St, galvanised $M = 25,0 \text{ Nm}$ $m = 5,5 \text{ g}$</p>	<p>ZP8-ON</p>	
	<p>The standard fastening set 8 K is used when surface elements are inserted into the profile groove. The fastener offers the advantage, that additional recesses in surfaces can be omitted. The maximum tightening torque of the connector is 25,0 Nm. As supply bore for access to the screw head is recommended at a distance of 20,0 mm a bore of $D = 7,0 \text{ mm}$ (see DL-B-D7 = connection machining bore).</p>		
<p>Standard-fastening set 8 K</p>	<p>Spacer, POM, black incl. washer, St, galvanised Button-head screw ISO 7380-M8x20, galvanised $m = 12,0 \text{ g}$</p>	<p>SV-8-K-SZ</p>	



UNIVERSAL-FASTENING SET			
ITEM	Description	Order no.	Drawing
<p>Frictional, right-angled connection with the option of adjusting the profile struts at a later time. Perfect for installing profiles into existing constructions. The connector can be quickly mounted using a drill. Connection processing (details see chapter processing)</p>			
Universal-fastening set 5	Universal-fastening set 5, die-cast zinc, galvanised Hexagon socket DIN 912-M4x14, St, galvanised T-slot 5 St M4, galvanised M = 3,0 Nm m = 7,5 g	UV5-SZ	
Universal-fastener 5	Universal-fastener 5, die-cast zinc, galvanised M = 3,0 Nm m = 3,5 g	UV5	
Universal-fastening set 6, galvanised	Universal-fastening set 6, die-cast zinc, galvanised Button-head screw ISO 7380-M6x22, St, galvanised T-slot 6 St M6, galvanised M = 8,0 Nm m = 18,5 g	UV6-SZ	
Universal-fastener 6, galvanised	Universal-fastener 6, die-cast zinc, galvanised M = 8,0 Nm m = 9,0 g	UV6	



UNIVERSAL-FASTENING SET			
ITEM	Description	Order no.	Drawing
	Right-angled and frictional connection for high capacities. The standard fastening sets allows for optimum force transmission and secures the connection against twisting. Connection processing (details see chapter processing)		
Universal-fastening set 8, galvanised 	Universal-fastening set 8, die-cast zinc, galvanised Button-head-screw ISO 7380-M8x30, St, galvanised T-slot 8 St M8, galvanised M = 25,0 Nm m = 42,0 g	UV8-SZ	
Universal-fastening set 8, stainless 	Universal-fastening set 8, die-cast zinc, galvanised Button-head-screw ISO 7380-M8x30 (A2) T-Slot 8 St M8 (A2) M = 20,0 Nm m = 41,0 g	UV8-SZ-R	
Universal-fastener 8 	Universal-fastener 8, die-cast zinc, galvanised M = 25,0 Nm m = 17,5 g	w	
Universal-fastening set 5/8, galvanised 	Universal-fastening set 5, die-cast zinc, galvanised Hexagon socket DIN 912-M4x18 St, galvanised T-slot 8 Zn M4 M = 3,0 Nm m = 9,0 g	UV5-8-SZ	
Pneumatic-universal-fastening set 8 	Pneumatic-universal-fastening set 8, die-cast zinc, galvanised Hexagon socket DIN 912-M6x30, St, galvanised T-slot 8 St M6, galvanised M = 14,0 Nm m = 34,0 g	PUV8-SZ	



DIRECT-FASTENING SET


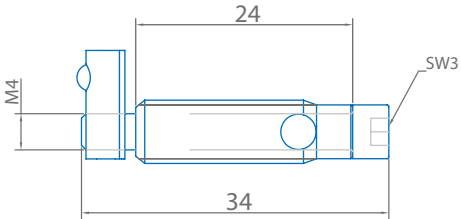


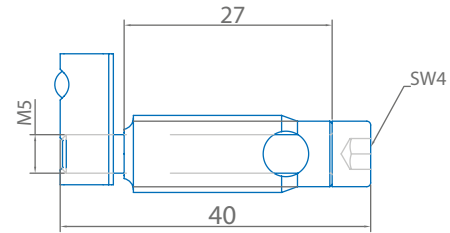


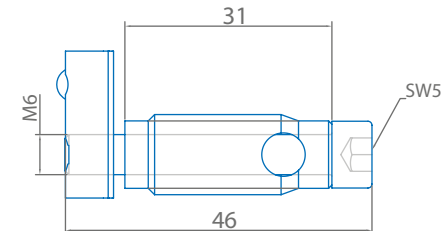

ITEM	Description	Order no.	Drawing
	The connector enables a right-angled connection of profiles. The profile strut can be rotated and affixed in any way.		
Direct-fastening set 90° central			
	Fastener, St, galvanised Connection processing: Thread M8x20 (Core hole) M = 8,0 Nm m = 18,0 g	DV-90-Z	

Connection
technology

CUBE CONNECTOR

ITEM	Description	Order no.	Drawing
	Cube connectors allow up to three profiles to be screwed together for corner connections. They are particularly suitable for showcases, covers and lightweight constructions. Connection machining: thread M8x25 (core hole). The aluminium-coloured design of the base body and the cover caps provides a particularly noble optics. In order to achieve fatigue strength, locking varnish should be used for the fastening screws. For fastening 3 M8x20 countersunk screws are required. Cube connectors cannot be used in combination with closed grooves.		
Cube connector 8 40 - 3D			
	Material: Die-cast aluminium Surface: white aluminium, lacquered m = 103,0 g	WUEV8-40-3D	



AUTOMATIC-FASTENING SETS			
ITEM	Description	Order no.	Drawing
<p>5</p> <p>Automatic fasteners (automatic connectors) are frictional connections with the option of installing and shifting profiles at a later time. No additional processing is required in order to install the connector. The connector sleeve is screwed on the front side of a profile groove using left rotation. The threads are self-tapping.</p>			
<p>Automatic-fastening set 5, galvanised</p> 	<p>Automatic-fastener 5 St, galvanised Hexagon socket M4x30 St, galvanised T-slot 5 St M4 with guiding ridge M = 2,5 Nm m = 8,0 g</p>	<p>SS-VE5</p>	
<p>Automatic-fastening set 5, stainless</p> 	<p>Automatic-fastener 5 St, stainless Hexagon socket M4x30 St, stainless Material: stainless steel T-Slot 5 St M4, stainless M = 2,5 Nm m = 8,0 g</p>		
<p>6</p>			
<p>Automatic-fastening set 6, galvanised</p> 	<p>Automatic-fastener 6 St, galvanised Hexagon socket M5x35 St, galvanised T-slot 6 St M5 with guiding ridge concave, galvanised M = 10,0 Nm m = 19,5 g</p>	<p>SS-VE6</p>	
<p>Automatic-fastening set 6, stainless</p> 	<p>Automatic-fastener 6 St, stainless Hexagon socket M5x35 St, stainless T-slot 6 St M5, stainless M = 6,5 Nm m = 19,5 g</p>		
<p>8</p>			
<p>Automatic-fastening set 8, galvanised</p> 	<p>Automatic-fastener 8 St, galvanised Hexagon socket M6x40 St, galvanised T-slot 8 St M6 with guiding ridge, galvanised M = 14,0 Nm m = 33,0 g</p>	<p>SS-VE8</p>	
<p>Automatic-fastening set 8, stainless</p> 	<p>Automatic-fastener 8 St, stainless Hexagon socket M6x40 St, stainless T-slot 8 St M6 with guiding ridge, stainless M = 11,0 Nm m = 33,0 g</p>		

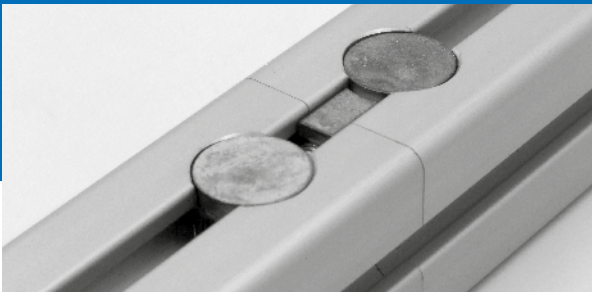


THREAD FORM-FASTENING SETS			
ITEM	Description	Order no.	Drawing
	Frictional connection with the option of installing and shifting profiles at a later time. No additional processing is required in order to install the connector. The connector sleeve is screwed on the front side of a profile groove. The threads are self-forming.		
Thread form-fastening set 8, galvanised 	Bushing 8 St, galvanised Hexagon socket M8x38 ST, galvanised T-slot 8 St M8 with guiding ridge, St, galvanised short version: L = 19,0 mm M = 20,0 Nm L = 19,0 mm s = SW 6 m = 30,5 g	GFV-8	
Thread form-fastening set 8 double 40, galvanised 	2 bushings 8 St, galvanised 2 hexagons sockets M8x38 St, galvanised Double T-slot 8 St M8 with guiding ridge, St, galvanised Hole separation: 25,4 mm M = 20,0 Nm L = 39,5 mm s = SW 6 m = 62,5 g	GFV-8-D-40	
Thread form-fastening set double 80, galvanised 	2 bushings 8 St, galvanised 2 hexagons sockets M8x38 St, galvanised Double T-slot 8 St M8 with guiding ridge, St, galvanised Hole separation: 65,4 mm M = 20,0 Nm L = 79,5 mm s = SW 6 m = 84,5 g	GFV-8-D-80	
	Cap PA black for automatic-fastening set or thread-form fastening set 8. The cap prevents the penetration of dirt and provides an improved appearance. It is quick and easy to install.		
Cap for thread form connectors set 	Material: PA-GF Colour: black m = 1,0 g	AK-SS	



CONNECTION TECHNOLOGY

AUTOMATIC BUTT-FASTENING SETS			
ITEM	Description	Order no.	Drawing
	<p>Self tapping screws butt connectors (automatic-butt-fasteners) offer the possibility of extending profiles for butt joints. For mounting fastener no additional processing is necessary. The connector bushes are each screwed into a profile groove on the left-hand side; the threads are self-tapping. Butt fasteners should always be used in pairs.</p>		
Automatic-butt-fastening set 5, galvanised			
	<p>1 automatic-fastener 5 with through bore, St 1 automatic-fastener 5 with threaded bore, St Screw M4x40, St, galvanised M = 2,5 Nm m = 11,0 g</p>	SS-STV-5-SZ	
Automatic-butt-fastening set 6, galvanised			
	<p>1 automatic-fastener 6 with through bore, St 1 automatic-fastener 6 with threaded bore, St Hexagon socket DIN 912-M5x45, St, galvanised M = 8,0 Nm m = 24,0 g</p>	SS-STV-6-SZ	
Automatic-butt-fastening set 8, galvanised			
	<p>1 automatic-fastener 8 with through bore, St 1 automatic-fastener 8 with threaded bore, St Hexagon socket DIN 912-M6x50, St, galvanised M = 14,0 Nm m = 39,0 g</p>	SS-STV-8-SZ	



AUTOMATIC BUTT-FASTENING-SETS



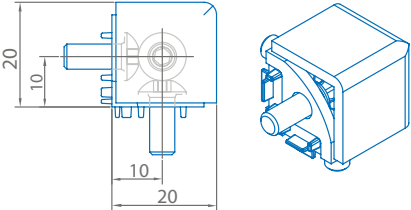

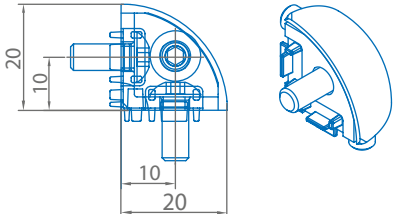

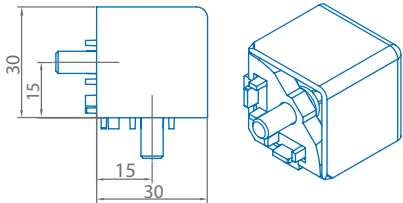

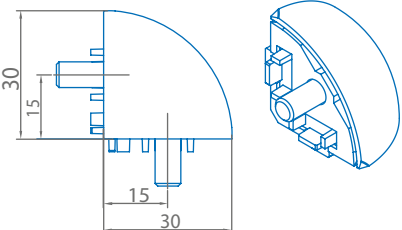
ITEM	Description	Order no.	Drawing
	Front connection from profile to butt for extending profiles. Butt-fasteners should only be used in pairs. Connection processing (details see chapter processing)		
Thread form-butt fastening set			
	<p>2 bushings 8 St, galvanised Hexagon socket M8x60 St, galvanised 2 caps AK-SS M = 20,0 Nm m = 37,5 g</p>	GFV8-ST-SZ	
Universal-butt-fastening set 8			
	<p>2 universal connectors 8, die-cast zinc, galvanised Button-head screw ISO 7380-M8x45, St, galvanised M = 25,0 Nm m = 60,0 g</p>	UV8-ST-SZ	
Pneumatic-universal-butt-fastening set 8, galvanised			
	<p>2 pneumatic-universal fastener 8, die-cast zinc, galvanised Hexagon socket DIN 912-M6x50, St, galvanised Hexagonal groove DIN 934-M6, galvanised M = 14,0 Nm m = 45,5 g</p>	PUV8-ST-SZ	
Torx insert TX50 for thread form fastening set			
	<p>s = SW5/16" m = 20,0 g</p>	GF-TX50	



BOLT CONNECTORS			
ITEM	Description	Order no.	Drawing
	<p>Frictional, right-angled connection with the option of adjusting the profile struts at a later time. Suitable for installing profiles into existing constructions. The connector can be quickly mounted using a drill $D=14,2$ mm. The hole separation is 20 mm.</p>		
<p>Bolt connector 8 18 set, galvanised</p>	<p>Bolt connector 18, St, galvanised Hexagon socket M8x35, St, galvanised T-slot 8 St M8 with guiding ridge, St, galvanised $M = 25,0$ Nm $m = 38,5$ g</p>	<p>BV8-18-SZ</p>	
<p>Bolt connector 8 40 set, galvanised</p>	<p>Bolt connector 40, St, galvanised 2 hexagon sockets M8x35, St, galvanised T-slot 8 St 2xM8-39,5 with guiding ridge, St, galvanised $M = 25,0$ Nm $m = 79,0$ g</p>	<p>BV8-40-SZ</p>	
<p>Bolt connector 8 80 set, galvanised</p>	<p>Bolt connector 80, St, galvanised 2 hexagon sockets M8x35, St, galvanised T-slot 8 St 2xM8-79,5 with guiding ridge, St, galvanised $M = 25,0$ Nm $m = 146,5$ g</p>	<p>BV8-80-SZ</p>	



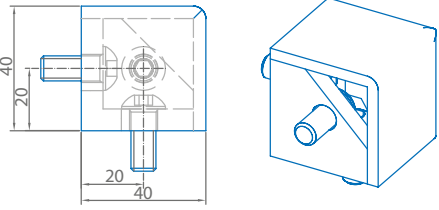

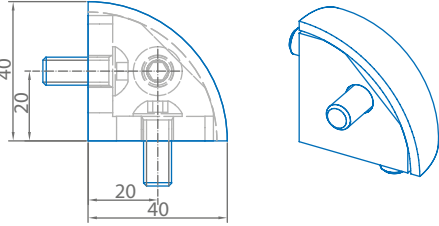

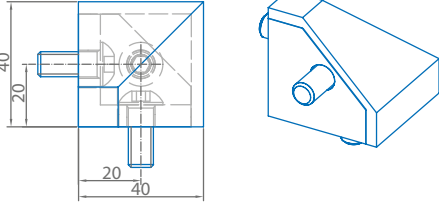

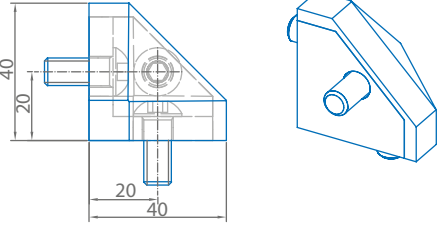


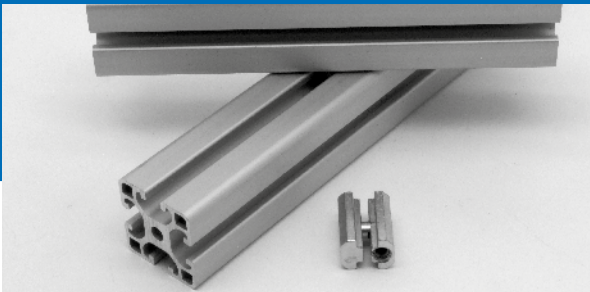
FASTENING SETS

ITEM	Description	Order no.	Drawing
	<p>Fastening sets allow for screw connections of up to three profiles for corner connections. They are especially well-suited for display cases, cover hoods and light constructions. Connection processing: Thread M5/M6/M8 (core hole).</p>		
Fastening set 5, 20x20x20 	<p>Corner angle 20x20x20, die-cast zinc, galvanised Cap 20x20x20 angled, black 3 button-head screws M5x12, galvanised m = 22,0 g</p>	V20x20x20-SZ	
Fastening set 5 R20-90° 	<p>Corner angle R20-90°, die-cast zinc, galvanised Cap R20-90° rounded, black 3 button-head screws M5x12, galvanised m = 19,0 g</p>	VR20-90-SZ	
Fastening set 6, 30x30x30 	<p>Corner angle 30x30x30, die-cast zinc, galvanised Cap 30x30x30 angled, black 3 button-head screws M6x16, galvanised m = 59,0 g</p>	V30x30x30-SZ	
Fastening set 6 R30-90° 	<p>Corner angle 30x30x30, die-cast zinc, galvanised Cap R30-90° rounded, black 3 button-head screws M6x16, galvanised m = 54,0 g</p>	VR30-90-SZ	



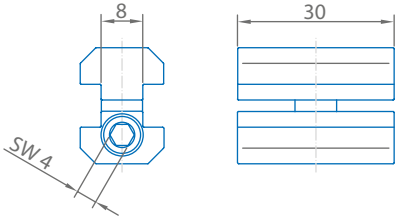


FASTENING SETS

ITEM	Description	Order no.	Drawing
	<p>Fastening sets allow for screw connections of up to three profiles for corner connections. They are especially well-suited for display cases, cover hoods and light constructions. Connection processing: thread M5/M6/M8 (core hole).</p>		
<p>Fastening set 8 40x40x40</p> 	<p>Corner angle 40x40x40, die-cast zinc, galvanised Cap 40x40x40 angled, black 3 button-head screws M8x20, galvanised m = 119,0 g</p>	<p>V40x40x40-SZ</p>	
<p>Fastening set 8 R40-90°</p> 	<p>Corner angle 40x40x40, die-cast zinc, galvanised Cap R40-90° rounded, black 3 button-head screws M8x20, galvanised m = 113,0 g</p>	<p>VR40-90-SZ</p>	
<p>Fastening set 8 40x40-2x45°</p> 	<p>Corner angle 40x40x40, die-cast zinc, galvanised Cap 40x40-2x45°, black 3 button-head screws M8x20, galvanised m = 132,5 g</p>	<p>V40x40-2x45-SZ</p>	
<p>Fastening set 8 40x40-45°</p> 	<p>Corner angle 40x40x40, die-cast zinc, galvanised Cap 40x40-45°, black 3 button-head screws M8x20, galvanised m = 111,0 g</p>	<p>V40x40-45-SZ</p>	



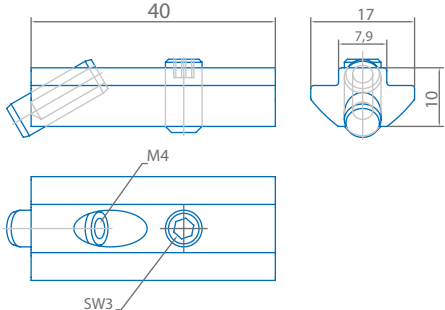


PARALLEL FASTENER



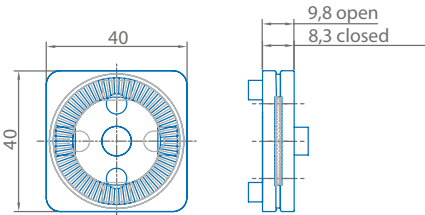
ITEM	Description	Order No.	Drawing
	Frictional connection of two profiles touching with their groove sides. The profile can be rotated and shifted into a position.		
Parallel fastener 8, galvanised			
	Fastener, St, galvanised M = 8,0 Nm m = 52,0 g	PV-8	

Connection
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PIN ELEMENT

ITEM	Description	Order no.	Drawing
	The pin element is used for interlocking securing of connections. The capacity of a connection against shifting is increased per element to max. 3000 N. Perfectly suited for securing struts with a high dynamic load.		
Pin element 8, galvanised			
	Base plate, St, galvanised Threaded pin DIN 916-M6x12, St, galvanised Cylinder pin DIN 7979-6m6x16, St, hardened Connection processing: Hole diameter: 5,9 mm m = 36,0 g	VE-8	

FACE-FASTENING SET



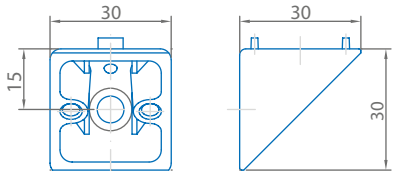

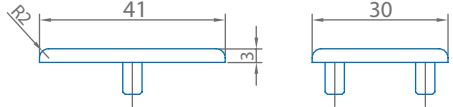

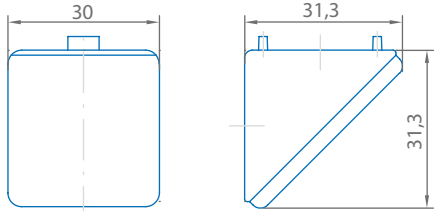

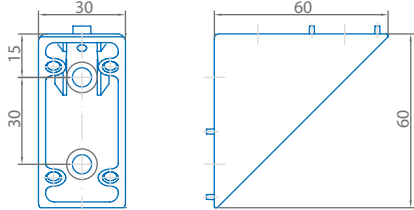

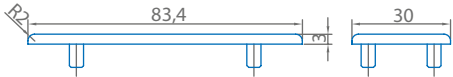

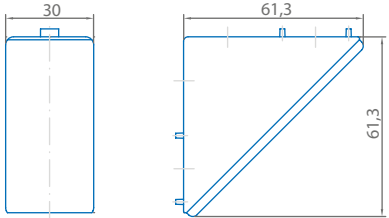
ITEM	Description	Order no.	Drawing
	The face-fastening set 8 is used for interlocking angular connections between two profiles with facing groove sides. The crossing angle can be selected using the interlock of the connector halves in 5°-increments.		
Face-fastening set 8			
	Material: die-cast zinc, black M = 8,0 Nm m = 77,0 g	PVSZ-8	



ANGLE BRACKETS ZN			
ITEM	Description	Order no.	Drawing
	Frictional, machining connection. Angle brackets can be used as additional reinforcement of connection and as fastening element for different components.		
Angle bracket 5 20x20 Zn 	Material: die-cast zinc Colour: RAL 9006 Surface: whitealuminium, lacquered m = 13,0 g	W5-20x20-ZN	
Angle bracket cap 5 20x20, black 	Material: PA-GF Colour: black m = 1,5 g	WAK5-20x20	
Angle bracket set 5 20x20 Zn 	Angle bracket 5 20x20, black Angle bracket cap 5 20x20, black 2 hexagon sockets DIN 6912-M5x8, St, galvanised 2 T-slots 5 St M5, galvanised m = 22,0 g	W5-20x20-ZN-SZ	
Angle bracket 5 40x40 Zn 	Material: die-cast zinc Colour: RAL 9006 Surface: whitealuminium, lacquered m = 39,0 g	W5-40x40-ZN	
Angle bracket cap 5 40x40, black 	Material: PA-GF Colour: black m = 3,5 g	WAK5-40x40	
Angle bracket set 5 40x40 Zn 	Angle bracket 5 40x40 Zn Angle bracket cap 5 40x40, black 4 hexagon sockets DIN 6912-M5x8, St galvanised 4 T-slots 5 St M5, galvanised m = 55,5 g	W5-40x40-ZN-SZ	

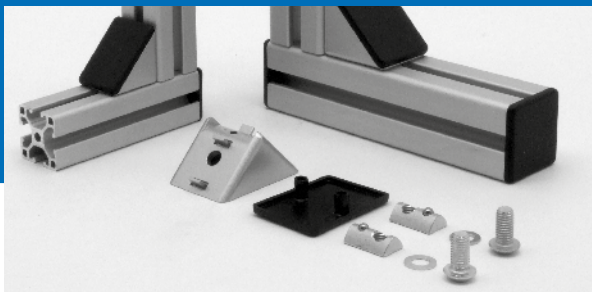


ANGLE BRACKETS ZN

ITEM	Description	Order no.	Drawing
			
Angle bracket 6 30x30 Zn 	Material: die-cast zinc Colour: RAL 9006 Surface: whitealuminium, lacquered m = 45,0 g	W6-30x30-ZN	
Angle bracket cap 6 30x30, black 	Material: PA-GF Colour: black m = 3,5 g	WAK6-30x30	
Angle bracket set 6 30x30 Zn 	Angle bracket 6 30x30 Zn Angle bracket cap 6 30x30, black 2 button-head screws ISO 7380-M6x12 St, galvanised 2 T-slots 6 St M6, galvanised m = 64,0 g	W6-30x30-ZN-SZ	
Angle bracket 6 60x60 Zn 	Material: die-cast zinc Colour: RAL 9006 Surface: whitealuminium, lacquered m = 128,5 g	W6-60x60-ZN	
Angle bracket cap 6 60x60, black 	Material: PA-GF Colour: black m = 7,0 g	WAK6-60x60	
Angle bracket set 6 60x60 Zn 	Angle bracket 6 60x60 Zn Angle bracket cap 6 60x60, black 4 button-head screws ISO 7380-M6x12, St, galvanised 4 T-slots 6 St M6, galvanised m = 166,0 g	W6-60x60-ZN-SZ	



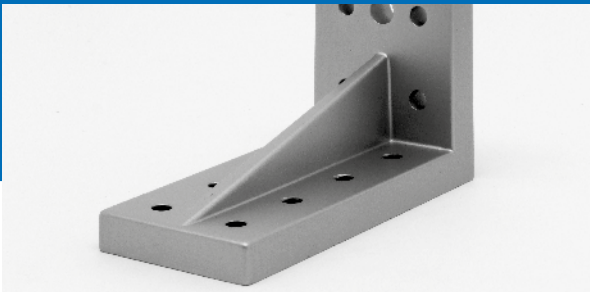
ANGLE BRACKETS ZN			
ITEM	Description	Order no.	Drawing
	Frictional, machining connection. Angle brackets can be used as additional reinforcement of connection and as fastening element for different components.		
Angle bracket 8 40x40 Zn 	Material: die-cast zinc Colour: RAL 9006 Surface: whitealuminium, lacquered m = 104,5 g	W8-40x40-ZN	
Angle bracket cap 8 40x40, black 	Material: PA-GF Colour: black m = 8,5 g	WAK8-40x40	
Angle bracket cap 8 40x40, grey 	Material: PA-GF Colour: grey similar to RAL 7042 m = 8,5 g	WAK8-40x40-G	
Angle bracket set 8 40x40 Zn 	Angle bracket 8 40x40 Zn Angle bracket cap 8 40x40, black 2 button-head screws ISO 7380-M8x16, St, galvanised 2 washers 13,5x9x1, St, galvanised 2 T-slots 8 St M8, galvanised m = 148,0 g	W8-40x40-ZN-SZ	
Angle bracket set 8 40x40 Zn, grey 	Angle bracket 8 40x40 Zn Angle bracket cap 8 40x40, grey 2 button-head screws ISO 7380-M8x16, St, galvanised 2 washers 13,5x9x1, St, galvanised 2 T-slots 8 St M8, galvanised m = 148,0 g	W8-40x40-ZN-SZ-G	



ANGLE BRACKETS			
ITEM	Description	Order no.	Drawing
Angle bracket 8 80x80 Zn 	Material: die-cast zinc Colour: RAL 9006 Surface: whitealuminium, lacquered m = 271,0 g	W8-80x80-ZN	
Angle bracket cap 8, 80x80, black 	Material: PA-GF Colour: black m = 13,5 g	WAK8-80x80	
Angle bracket cap 8 80x80, grey 	Material: PA-GF Colour: grey similar to RAL 7042 m = 13,5 g	WAK8-80x80-G	
Angle bracket set 8 80x80 Zn 	Angle bracket 8 80x80 Zn Angle bracket cap 8 80x80, black 4 button-head screws ISO 7380-M8x16, St, galvanised 4 washers 13,5x9x1, St, galvanised 4 T-slots 8 St M8, galvanised m = 357,5 g	W8-80x80-ZN-SZ	
Angle bracket set 8 80x80 Zn, grey 	Angle bracket 8 80x80 Zn Angle bracket cap 8 80x80, grey 4 button-head screws ISO 7380-M8x16, St, galvanised 4 washers 13,5x9x1, St, galvanised 4 T-slots 8 St M8, galvanised m = 357,5 g	W8-80x80-ZN-SZ-G	
Angle bracket set 8 160x80 Zn 	Angle bracket 8 160x80 Zn Angle bracket cap 8 160x80, bracket 4 button-head screws ISO 7380-M8x16, St, galvanised 4 washers 13,5x9x1, St, galvanised 4 T-slots 8 St M8, galvanised m = 649,0 g	W8-160x80-ZN-SZ	



STIFFENING BRACKET			
ITEM	Description	Order no.	Drawing
	<p>Strong, non-positive, machinable connection. The stiffening bracket 80x180 can be used as additional reinforcement for connections and as a fastening element for different attachments. Furthermore, it can be used for the fixed connection of aluminium profiles to the floor. They are mounted to the profile slots by using T-Slots M8.</p>		
Stiffening bracket 80x180 	<p>Material: die-cast aluminium Colour: aluminium-coloured, lacquered m = 681,0 g</p>	VW8-80x180	
WASHER			
ITEM	Description	Order no.	Drawing
	<p>Fitted washer M8, galvanised for use in all angle brackets 8 Zn.</p>		
Washer 13,5x9x1, galvanised 	<p>Material: St Surface: galvanised m = 0,75 g</p>	BS13,5x9x1	
ANGLE BRACKET V8 40 ZN			
ITEM	Description	Order no.	Drawing
	<p>Angle brackets V8 40 Zn serve as connecting elements for right-angled profile connections. They offer a friction-locked, machineless connection. The angle brackets have an anti-rotation lock on the rear side, which they position correctly in the profile groove. Included in delivery is a set incl. screws and T-Slots.</p>		
Angle bracket set V8 40 Zn set 	<p>Angle bracket V 8 40 Zn, die-cast zinc Surface: whitealuminium, lacquered 2 T-slots 8 St M8, galvanised 2 countersunk screws M8x18, galvanised m = 172,0 g</p>	W-V8-40-ZN-SZ	





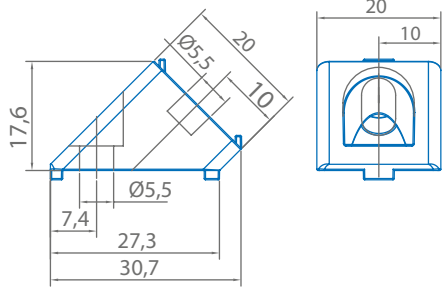


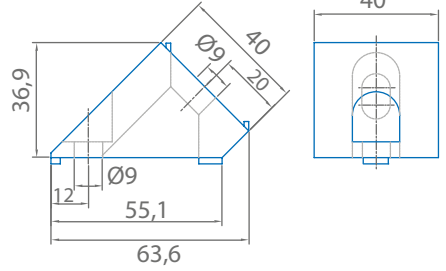

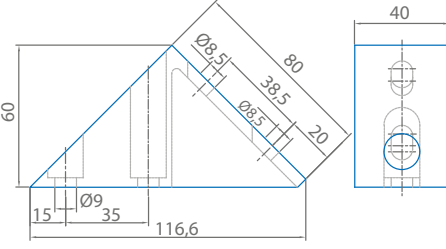

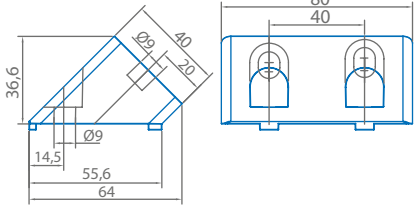
ANGLE BRACKET 8 160X160 ST			
ITEM	Description	Order no.	Drawing
	<p>The angle bracket 8 160x160 St is a heavy-duty, force-locking connecting element. It can be used as an additional reinforcement of connections and as a fastening element for various heavy attachments. For mounting on the profile grooves, suitable mounting sets for angle brackets 8 160 - M8 (order no.: BS-W8-160-M8) are offered.</p>		
<p>Angle bracket 8 160x160 St M8</p>	<p>Grey-cast iron Surface: whitealuminium, lacquered m = 2,65 kg</p>	<p>W8-160x160-ST-M8</p>	
	<p>Fastening set 8, galvanised for use with all angle brackets 8 160 Al and St.</p>		
<p>Fastening set 8 for angle brackets 8 160 - M8, galvanised</p>	<p>T-slots 8 St M8-150, galvanised 4 button-head screws M8x20, St, galvanised 4 washers Ø 8,4 mm, St, galvanised m = 115,5 g</p>	<p>BS-W8-160-M8</p>	





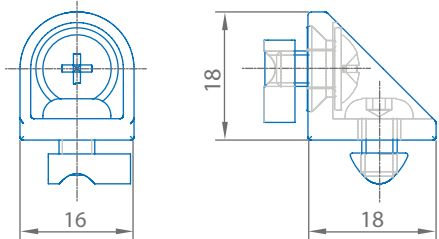


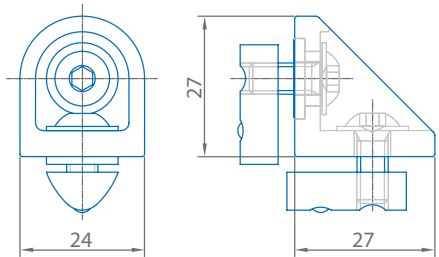


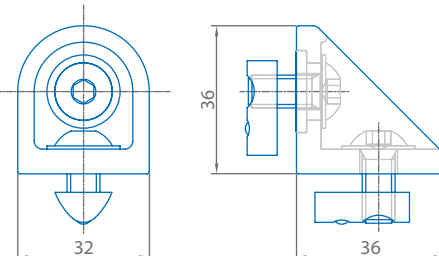
ANGLE BRACKET ELEMENTS			
ITEM	Description	Order no.	Drawing
	<p>Angle bracket elements are well-suited for fastening two profiles at an angle below 45° for constructing hitches and framework. They are mostly used for stiffening constructions.</p>		
Angle bracket element 8 T1 40 	<p>Material: Al Surface: anodised m = 75,0 g</p>	WE8-T1-40	
Angle bracket element 8 T1 80 	<p>Material: Al Surface: anodised m = 151,5 g</p>	WE8-T1-80	
Angle bracket element 8 T2 40 	<p>Material: Al Surface: anodised m = 70,0 g</p>	WE8-T2-40	
Angle bracket element 8 T2 80 	<p>Material: Al Surface: anodised m = 140,5 g</p>	WE8-T2-80	

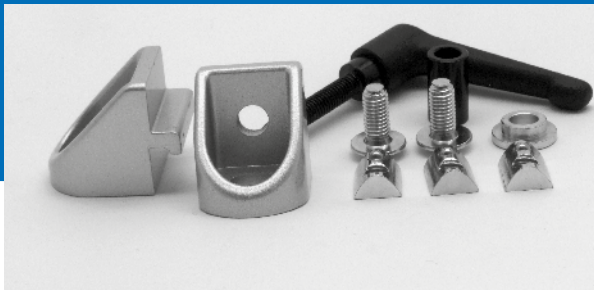


ANGLE FASTENERS



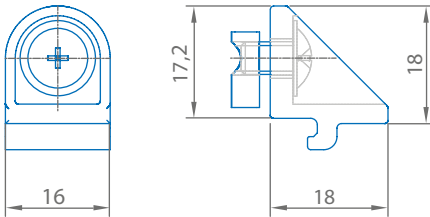

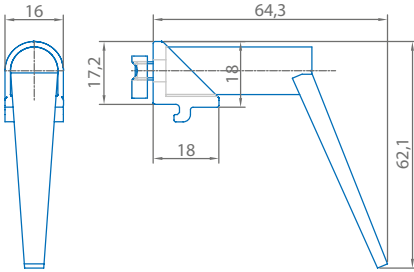


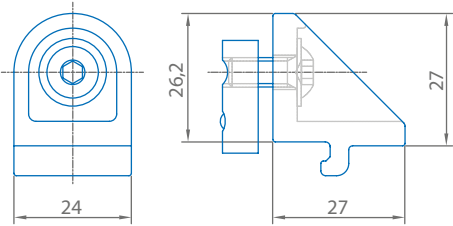

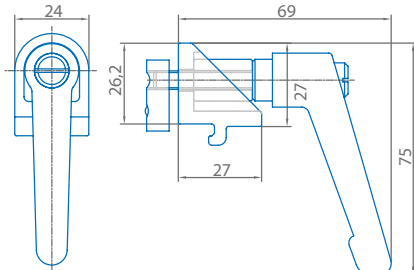
ITEM	Description	Order no.	Drawing
	<p>Angle fastener are suitable for the simple connection of two aluminium profiles at an angle of 45°. They are quick and easy to install.</p>		
<p>Angle fastener 5 20x20-45°</p> 	<p>Angle fastener 5 20x20-45°, die-cast aluminium Surface: whitealuminium, lacquered Connection processing: thread M5 (core hole) m = 10,4 g</p>	<p>WV5-20-45</p>	
			
<p>Angle fastener 8 40x40-45°</p> 	<p>Angle fastener 8 40x40-45°, die-cast zinc Surface: whitealuminium, lacquered Connection processing: thread M8 (core hole) m = 210,0 g</p>	<p>WV8-40-45</p>	
<p>Angle fastener 8 40/80-45°</p> 	<p>Angle fastener 8 40/80-45°, die-cast zinc Surface: whitealuminium, lacquered Connection processing: thread M8 (core hole) m = 353,0 g</p>	<p>WV8-40/80-45</p>	
<p>Angle fastener 8 80x40-45°, horizontal</p> 	<p>Angle fastener 8 80x40-45°, horizontal, die-cast aluminium Surface: whitealuminium, lacquered Installation direction: horizontal Connection processing: thread M8 (core hole) m = 166,2 g</p>	<p>WV8-80x40-45-H</p>	



ANGLE HINGE BRACKETS			
ITEM	Description	Order no.	Drawing
	<p>Clamp and angle hinge brackets allow for a simple connection between two crossing profiles. They are especially well-suited for table elements which are to be adjusted in position, height and angle.</p>		
Angle hinge bracket 5			
	<p>Angle hinge bracket 5, die-cast zinc Surface: whitealuminium, lacquered 1 bearing bush, St, galvanised 2 T-slots 5 St M5, galvanised 1 button-head screw ISO 7380-M5x8, St, galvanised 1 lens head screw M5x10, St, galvanised m = 18,5 g</p>	GW-5	
			
Angle hinge bracket 6			
	<p>Angle hinge bracket 6, die-cast zinc Surface: whitealuminium, lacquered 1 bearing bush, St, galvanised 2 T-slots 6 St M6, galvanised 2 lens head screws M6x14, galvanised m = 60,0 g</p>	GW-6	
			
Angle hinge bracket 8			
	<p>Angle hinge bracket 8, die-cast zinc Surface: whitealuminium, lacquered 1 bearing bush, St, galvanised 2 T-slots 8 St M8, galvanised 2 lens head screws M8x18, galvanised m = 134,5 g</p>	GW-8	



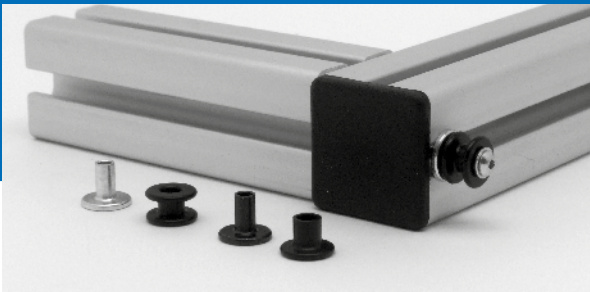
ANGLE CLAMP BRACKETS

ITEM	Description	Order no.	Drawing
	<p>Angle clamp brackets allow a simple connection of two intersecting profiles. They are particularly suitable for table trays which can be adjusted both position height and inclination.</p>		
Angle clamp bracket 5		KW-5	
	<p>Angle clamp bracket 5, die-cast zinc Surface: whitealuminium, lacquered 1 T-slots 5 St M5, galvanised 1 lens head screws M5x8, galvanised m = 16,0 g</p>		
Angle clamp bracket 5 with clamp lever		KW-5-KH	
	<p>Angle clamp bracket 5, die-cast zinc Surface: whitealuminium, lacquered 1 T-slot 5 St M5, galvanised 1 clamp lever M5x20, black 1 bush, St, black m = 55,0 g</p>		
			
Angle clamp bracket 6		KW-6	
	<p>Angle clamp bracket 6, die-cast zinc Surface: whitealuminium, lacquered 1 T-slot 6 St M6, galvanised 1 lens head screw M6x14, galvanised m = 52,0 g</p>		
Angle clamp bracket 6 with clamp lever		KW-6-KH	
	<p>Angle clamp bracket 6, die-cast zinc Surface: whitealuminium, lacquered 1 T-slot 6 St M6, galvanised 1 clamp lever M6x32, black 1 bush, St, black m = 139,0 g</p>		



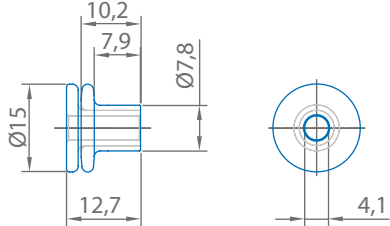

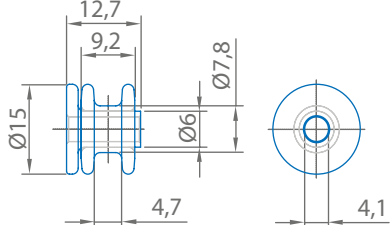
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ANGLE CLAMP BRACKETS			
ITEM	Description	Order no.	Drawing
	<p>Angle clamp brackets allow a simple connection of two intersecting profiles. They are particularly suitable for table trays which can be adjusted both position height and inclination.</p>		
Angle clamp bracket 8		KW-8	
	<p>Angle clamp bracket 8, die-cast zinc Surface: whitealuminium, lacquered 1 T-slot 8 St M8, galvanised 1 lens head screw M8x18, galvanised m = 120,0 g</p>		
Angle clamp bracket 8 with clamp lever		KW-8-KH	
	<p>Angle clamp bracket 8, die-cast zinc Surface: whitealuminium, lacquered 1 T-slot 8 St M8, galvanised 1 clamp lever M8x40, black 1 bush, St, black m = 209,0 g</p>		
PIVOT ANGLE			
ITEM	Description	Order no.	Drawing
	<p>Pivot angles are used for a connection between two hinges with an adjustable angle. It can be attached using a clamp lever. Pivot angles are especially well-suited for incline adjustments of table elements.</p>		
Pivot angle 130, galvanised		SCHW-130	
	<p>Material: St Surface: galvanised m = 221,0 g</p>		



T-SLOT ROLLERS

ITEM	Description	Order no.	Drawing
	T-slot rollers allow for the construction of simple guiding. They connect profiles (affixed) with movable components without centre offset.		
T-slot roller 8 L 	1 floating bearing castor Material: POM Colour: black 1 bearing hub Material: Al, natural m = 4,5 g	NR8-L	
T-slot roller 8 F 	1 fixed bearing castor Material: POM Colour: black 1 bearing hub Material: Al, natural m = 4,5 g	NR8-F	



HINGES			
ITEM	Description	Order no.	Drawing
	<p>Hinges are suitable for connecting profiles at any angle. They can also be used as heavy hinges. As delivered, a hinge is freely movable. After tightening the clamping screws, it can be used as a rigid angled element. The supplied fixings allow torsion-proof fastening to the profile groove.</p>		
Hinge 5 20x20			
	<p>Hinge 5 20x20, die-cast aluminium Surface: whitealuminium, lacquered 2 fixations, PA-GF, black m = 22,0 g</p>	G5-20x20	
Hinge 5 20x20 with clamp lever			
	<p>Hinge 5 20x20, die-cast aluminium Surface: whitealuminium, lacquered 2 fixations, PA-GF, black Clamp lever M4x20, black Load: max. 5 Nm m = 34,5 g</p>	G5-20x20-KH	
Hinge 6 30x30			
	<p>Hinge 6 30x30, die-cast zinc Surface: whitealuminium, lacquered 4 fixations, die-cast zinc, galvanised m = 129,5 g</p>	G6-30x30	
Hinge 6 30x30 with clamp lever			
	<p>Hinge 6 30x30, die-cast zinc Surface: white aluminium, lacquered 4 fixations, die-cast zinc, galvanised Clamp lever M5x30, black Load: max. 10 Nm m = 167,0 g</p>	G6-30x30-KH	

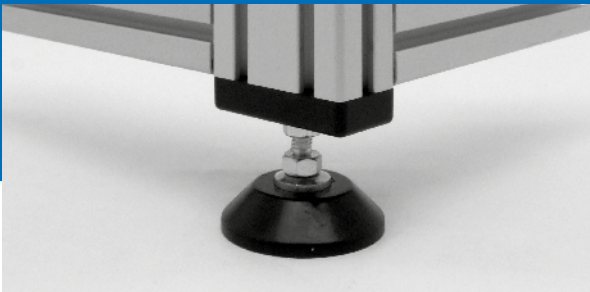


HINGES			
ITEM	Description	Order no.	Drawing
Hinge 8 40x40			
	Hinge 8 40x40, die-cast zinc Surface: whitealuminium, lacquered 4 fixations, die-cast zinc, galvanised m = 282,5 g	G8-40x40	
Hinge 8 40x40 with clamp lever			
	Hinge 8 40x40, die-cast zinc Surface: whitealuminium, lacquered 4 fixations, die-cast zinc, galvanised Clamp lever M8x40, black Load: max. 20 Nm m = 381,0 g	G8-40x40-KH	
Hinge 8 80x40			
	Hinge 8 80x40, die-cast zinc Surface: whitealuminium, lacquered 4 fixations, die-cast zinc, galvanised m = 1.029,5 g	G8-80x40	
Hinge 8 80x40			
	Hinge 8 80x40, die-cast zinc Surface: whitealuminium, lacquered 4 fixations, die-cast zinc, galvanised Clamp lever M8x80, black m = 1.169,5 g	G8-80x40-KH	

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FLOOR ELEMENTS





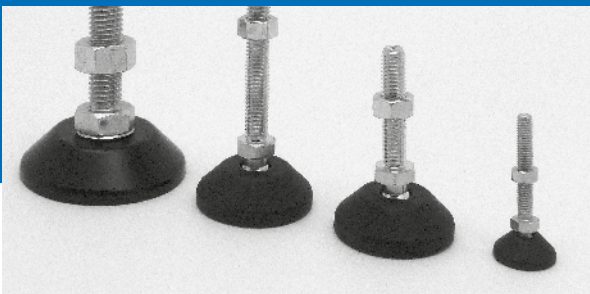
KNUCKLE FEET			
ITEM	Description	Order no.	Drawing
	Knuckle feet are used for adjusting the height of tables and frames of any type. The height is infinitely adjustable. The inclination adjustment is ensured by a ball socket or a rubber buffer. For heavy variations, the thread rod is directly screwed into the foot plate.		
Knuckle foot D20 M5x45			
	Spindle, St, galvanised Foot plate, PA, black Hexagon nut DIN 934-M5, St, galvanised Load: max. 750 N m = 15,0 g	S-D20-M5x45	
Knuckle foot D30 M6x38			
	Spindle, St, galvanised Foot plate, PA, black Hexagon nut DIN 934-M6, St, galvanised Load: max. 1000 N m = 17,0 g	S-D30-M6x38	
Knuckle foot D30 M6x58			
	Spindle, St, galvanised Foot plate, PA, black Hexagon nut DIN 934-M6, St, galvanised Load: max. 1000 N m = 20,0 g	S-D30-M6x58	



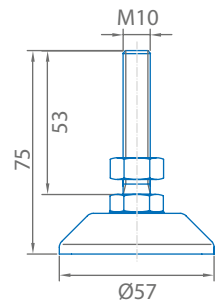

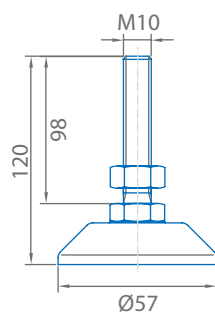

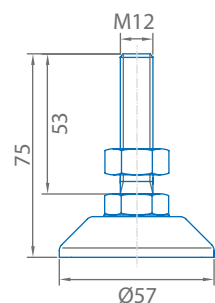

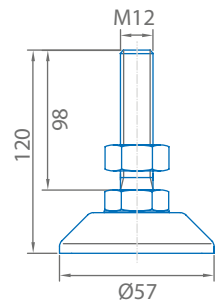
Floor
elements



FLOOR ELEMENTS

KNUCKLE FEET			
ITEM	Description	Order no.	Drawing
	Knuckle feet are used for adjusting the height of tables and frames of any type. The height is infinitely adjustable. The inclination adjustment is ensured by a ball socket or a rubber buffer. For heavy variations, the thread rod is directly screwed into the foot plate.		
Knuckle foot D40 M8x60			
	Spindle, St, galvanised Foot plate, PA, black Hexagon nut DIN 934-M8 St, galvanised Load: max. 1.500 N m = 36,0 g	S-D40-M8x60	
Knuckle foot D40 M8x80			
	Spindle, St, galvanised Foot plate, PA, black Hexagon nut DIN 934-M8 St, galvanised Load: max. 1.500 N m = 42,0 g	S-D40-M8x80	
Knuckle foot D40 M10x80			
	Spindle, St, galvanised Foot plate, PA, black Hexagon nut DIN 934-M10, St, galvanised Load: max. 1.500 N m = 64,0 g	S-D40-M10x80	

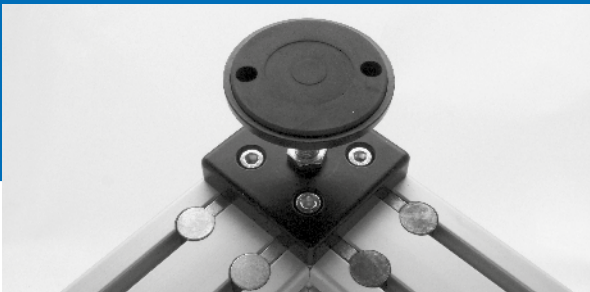


KNUCKLE FEET			
ITEM	Description	Order no.	Drawing
			
Knuckle foot D60 M10x75 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M10 St, galvanised Load: max. 5.000 N m = 146,5 g	S-D60-M10x75	
Knuckle foot D60 M10x120 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M10 St, galvanised Load: max. 5.000 N m = 167,0 g	S-D60-M10x120	
Knuckle foot D60 M12x75 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M12 St, galvanised Load: max. 5.000 N m = 169,0 g	S-D60-M12x75	
Knuckle foot D60 M12x120 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M12 St, galvanised Load: max. 5.000 N m = 199,5 g	S-D60-M12x120	



FLOOR ELEMENTS

KNUCKLE FEET			
ITEM	Description	Order no.	Drawing
	Knuckle feet are used for adjusting the height of tables and frames of any type. The height is infinitely adjustable. The inclination adjustment is ensured by a ball socket or a rubber buffer. For heavy variations, the thread rod is directly screwed into the foot plate.		
Knuckle foot D80 M10x80 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M10, St, galvanised Load: max. 10.000 N m = 277,5 g	S-D80-M10x80	
Knuckle foot D80 M12x100 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M12, St, galvanised Load: max. 10.000 N m = 310,0 g	S-D80-M12x100	
Knuckle foot D80 M12x160 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M12, St, galvanised Load: max. 10.000 N m = 342,5 g	S-D80-M12x160	
Knuckle foot D80 M16x100 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M16, St, galvanised Load: max. 10.000 N m = 373,5 g	S-D80-M16x100	
Knuckle foot D80 M16x160 	Spindle, St, galvanised Foot plate, die-cast zinc, black powder-coated Hexagon nut DIN 934-M16, St, galvanised Load: max. 10.000 N m = 452,0 g	S-D80-M16x160	



KNUCKLE FEET HEAVY

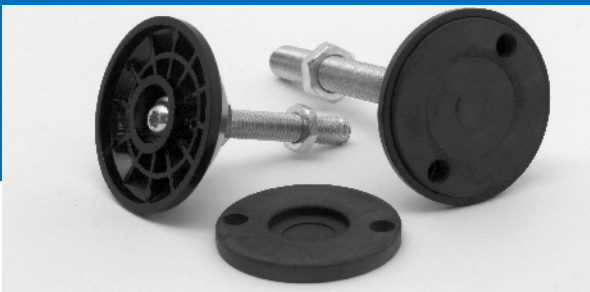
ITEM	Description	Order no.	Drawing
	Knuckle feet heavy are suitable for infinitely variable height and level compensation of tables and frames of all types. The inclination compensation takes place via a ball socket and a rubber buffer. In addition, the threaded rod is screwed directly to the foot plate in the heavy-duty version. For anti-slip device and floor protection a rubber insert D80 E (GMESZ-80-E) can be used.		
Knuckle foot D80 M12x100 heavy 	Spindle, St, galvanised, M12x66 Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M12, St, galvanised Load: max. 30.000 N m = 318,5 g	S-D80-M12x100-S	
Knuckle foot D80 M12x160 heavy 	Spindle, St, galvanised, M12x125 Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M12, St, galvanised Load: max. 30.000 N m = 359,5 g	S-D80-M12x160-S	
Knuckle foot D80 M16x100 heavy 	Spindle, St, galvanised, M16x66 Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M16, St, galvanised Load: max. 30.000 N m = 367,5 g	S-D80-M16x100-S	
Knuckle foot D80 M16x160 heavy 	Spindle, St, galvanised, M16x125 Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M16, St, galvanised Load: max. 30.000 N m = 444,0 g	S-D80-M16x160-S	
Knuckle foot D80 M16x180 heavy 	Spindle, St, galvanised, M16x150 Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M16, St, galvanised Load: max. 30.000 N m = 479,5 g	S-D80-M16x180-S	
Knuckle foot D80 M16x280 heavy 	Spindle, St, galvanised, M16x250 Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M16, St, galvanised Load: max. 30.000 N m = 612,5 g	S-D80-M16x280-S	





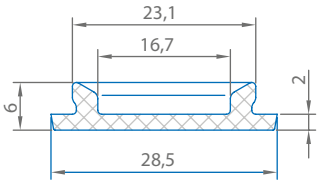

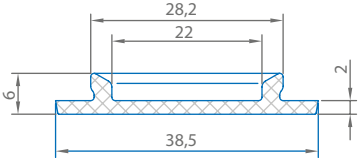

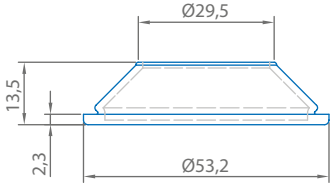

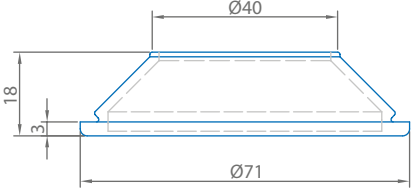

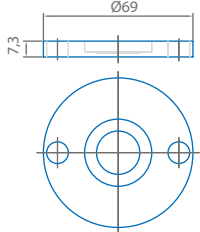
FLOOR ELEMENTS

KNUCKLE FEET HEAVY			
ITEM	Description	Order no.	Drawing
	Knuckle feet heavy are suitable for infinitely variable height and level compensation of tables and frames of all types. The inclination compensation takes place via a ball socket and a rubber buffer. In addition, the threaded rod is screwed directly to the foot plate in heavy designs. For anti-slip device and floor protection can be used a rubber insert D80 E (GMESZ-80-E).		
Knuckle foot D80 M20x130 heavy 	Spindle, St, M20x100, galvanised Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M20, St, galvanised Load: max. 30.000 N m = 463,5 g	S-D80-M20x130-S	
Knuckle foot D80 M20x160 heavy 	Spindle, St, M20x125, galvanised Foot plate, die-cast zinc, black powder-coated Fixing screw M8, St, galvanised Hexagon nut DIN 439-M20, St, galvanised Load: max. 30.000 N m = 481,5 g	S-D80-M20x160-S	

RUBBER INSERTS - INSTALLATION EXAMPLE	
rubber insert D30 / rubber insert D40 / rubber insert D60	rubber insert D80
<p>plate D30 plate D40 plate D60</p>	<p>plate D80</p>
	rubber insert D80 E <p>plate D80 heavy</p>



RUBBER INSERTS

ITEM	Description	Order no.	Drawing
	Rubber inserts are suitable for anti-slip and floor protection. All rubber inserts can be retrofitted into the leveling feet. The D80 E rubber insert is used for all knuckle feet of the series heavy.		
Rubber insert D30 	Material: NBR, black Hardness: 70 Sh A Oil and water resistant m = 4,0 g	GMESZ-30	
Rubber insert D40 	Material: NBR, black Hardness: 70 Sh A Oil and water resistant m = 6,0 g	GMESZ-40	
Rubber insert D60 	Material: NBR, black Hardness: 80 Sh A Oil and water resistant m = 18,5 g	GMESZ-60	
Rubber insert D80 	Material: NBR, black Hardness: 80 Sh A Oil and water resistant m = 42,5 g	GMESZ-80	
Rubber insert D80 E 	Material: NBR, black Hardness: 80 Sh A Oil and water resistant m = 26,0 g	GMESZ-80-E	

INFORMATION

The rubber insert D80 E fits into all knuckle feet of the heavy series.



FLOOR ELEMENTS

L-BASED FEET			
ITEM	Description	Order no.	Drawing
	<p>L-based feet are used for attaching aluminium profile constructions to the floor. They are affixed to the profiles using button-head screws and T-slots. Affixing to the floor is achieved using floor fastening sets. L-based feet are available with or without height adjustment.</p>		
L-based foot 6, adjustable	<p>Housing, die-cast zinc Surface: black powder-coated Button-head screw ISO 7380-M6x60, St, galvanised Square nut M6, St, galvanised m = 212,0 g</p>	WSTF6-MV	
L-based foot 6, non-adjustable			
L-based foot 8, adjustable	<p>Housing, die-cast zinc Surface: black powder-coated T-Slot Nut 8 St M8, galvanised Button-head screw ISO 7380-M8x80, St, galvanised Square nut M8, St, galvanised m = 509,5 g</p>	WSTF8-MV	
L-based foot 8, non-adjustable			
	<p>Housing, die-cast zinc Surface: black powder-coated m = 464,0 g</p>	WSTF8-OV	



ADJUSTABLE FOOT 8 PA			
ITEM	Description	Order no.	Drawing
	The adjustable foot 8 PA is a height-adjustable foot for light applications. The height can be adjusted by turning the footrest manually without using the additional tool. It can be fixed either by screwing it into the core hole or via the profile groove.		
Adjustable foot 8 PA			
	Housing, PA-GF, black Spindle, nut and washer St, galvanised Load: max. 1.500 N m = 74,5 g	SF8-PA	

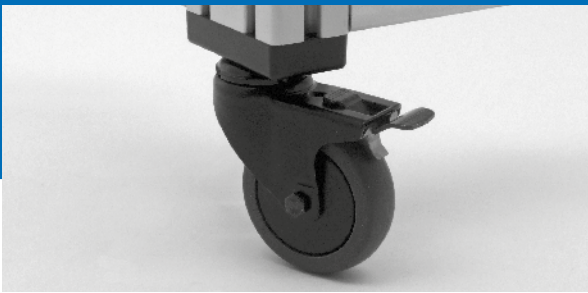
Floor
elements

FEET CLAMP			
ITEM	Description	Order no.	Drawing
	Feet clamp are provided in particular for fixing feet to the floor and for fixing them in place. Frames and tables can thus be secured against slipping.		
Foot clamp D60			
	Material: die-cast zinc Surface: black powder-coated m = 222,0 g	KMLA-60	
Foot clamp D80			
	Material: die-cast zinc Surface: black powder-coated m = 447,5 g	KMLA-80	



FLOOR ELEMENTS

CASTOR SWIVELS			
ITEM	Description	Order no.	Drawing
	<p>Swivel and fixed castors are suitable for use on frames, tables and transport trolleys. They are characterised by good unwinding behaviour and a high load-bearing capacity. The castors are resistant to most environmental influences. Especially for use in electronics production, some rolls are also available in antistatic version. The discharge resistance of the antistatic version is $10^5 \Omega$.</p>		
Castor D65 swivel with double-brake 	<p>Housing PA, black Tyres PU, 80 Sh A Colour: grey Load capacity: 50 kg/castor m = 182,5 g</p>	LR-D65-DFS	
Castor D75 swivel 	<p>Sheet steel housing, black powder-coated Tyres: TPE, 80 Sh A Colour: grey Load capacity: 60 kg/castor m = 280,0 g</p>	LR-D75	
Castor D75 swivel, antistatic 	<p>Sheet steel housing, black powder-coated Electrically conductive TPE tyres Colour: grey Load capacity: 60 kg/castor m = 283,0 g</p>	LR-D75-A	
Castor D75 swivel with double-brake 	<p>Sheet steel housing, black powder-coated Tyres TPE, 80 Sh A Colour: grey Load capacity: 60 kg/castor m = 324,0 g</p>	LR-D75-DFS	



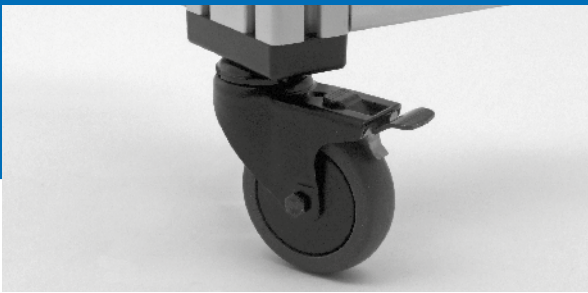
CASTOR SWIVELS			
ITEM	Description	Order no.	Drawing
Castor D75 swivel with double-brake, antistatic 	Sheet steel housing, black powder-coated Electrically conductive TPE tyres Colour: grey Load capacity: 60 kg/castor m = 327,0 g	LR-D75-DFS-A	
Double-castor D75 with double-brake, galvanised 	Sheet steel housing, galvanised Tyres TPE, 80 Sh A Colour: grey Load capacity: 90 kg/castor m = 495,0 g	DLR-D75-DFS	
Castor D100 swivel 	Sheet steel housing, black powder-coated Tyres: TPE, 90 Sh A Colour: grey Load capacity: 80 kg/ castor m = 660,0 g	LR-D100	
Castor D100 swivel with double-brake 	Sheet steel housing, black powder-coated Tyres: TPE, 90 Sh A Colour: grey Load capacity: 80 kg/castor m = 780,0 g	LR-D100-DFS	

Floor elements



FLOOR ELEMENTS

CASTOR SWIVELS			
ITEM	Description	Order no.	Drawing
	<p>Swivel and fixed castors are suitable for use on frames, tables and transport trolleys. They are characterised by good unwinding behaviour and a high load-bearing capacity. The castors are resistant to most environmental influences. Especially for use in electronics production, some rolls are also available in antistatic version. The discharge resistance of the antistatic version is $10^5 \Omega$.</p>		
Castor D125 swivel 	<p>Sheet steel housing, black powder-coated Colour: grey Load capacity: 100 kg/castor m = 674,0 g</p>	LR-D125	
Castor D125 swivel, antistatic 	<p>Sheet steel housing, black electrically conductive TPE tyres Colour: grey Load capacity: 100 kg/castor m = 674,0 g</p>	LR-D125-A	
Castor D125 swivel with double-brake 	<p>Sheet steel housing, black powder-coated Colour: grey Load capacity: 100 kg/castor m = 792,5 g</p>	LR-D125-DFS	
Castor D125 swivel with double-brake, antistatic 	<p>Steel sheet housing, black powder-coated electrically conductive TPE tyres Colour: grey Load capacity: 100 kg/castor m = 792,5 g</p>	LR-D125-DFS-A	



CASTOR FIXED			
ITEM	Description	Order no.	Drawing
	Swivel and fixed castors are suitable for use on frames, tables and transport trolleys. They are characterised by good unwinding behaviour and a high load-bearing capacity. The castors are resistant to most environmental influences. Especially for use in electronics production, some rolls are also available in antistatic version. The discharge resistance of the antistatic version is $10^8 \Omega$.		
Castor D75 fixed	Sheet steel housing, black powder-coated Tyres: TPE, 80 Sh A Colour: grey Load capacity: 60 kg/castor m = 233,5 g	BR-D75	
Castor D75 fixed, antistatic	Sheet steel housing, black powder-coated electrically conductive TPE tyres Colour: grey Load capacity: 60 kg/castor m = 236,5 g	BR-D75-A	
Castor D100 fixed, black	Sheet steel housing, black powder-coated Tyres: TPE, 90 Sh A Colour: grey Load capacity: 80 kg/castor m = 580,0 g	BR-D100	
Castor D125 fixed, black	Sheet steel housing, black powder-coated Tyres: TPE, 95 Sh A Colour: grey Load capacity: 100 kg/castor m = 548,0 g	BR-D125	
Castor D125 fixed, antistatic	Sheet steel housing, black powder-coated electrically conductive TPE tyres Colour: grey Load capacity: 100 kg/castor m = 551,0 g	BR-D125-A	

Floor
elements



FLOOR ELEMENTS

CASTOR FIXED			
ITEM	Description	Order no.	Drawing
	<p>High-quality, ball-bearing transport castor in heavy-duty design. The roller housing and the integrated screw-on plate are manufactured of galvanised sheet steel. The maximum screw size for fastening to the profile groove is M10. The tread made of high-quality polyurethane elastomer offers a low noise level and low rolling resistance. In addition, the PU covering is gentle on the floor and abrasion-resistant. The wheel centre is made of grey cast iron and painted in anthracite.</p>		
<p>Castor D125 fixed, heavy</p>	<p>Sheet steel housing, galvanised PU-tyres, 92 Sh A Colour: yellow Load capacity: 450 kg/castor m = 2.400,0 g</p>	<p>BR-D125-S</p>	
SWIVEL CASTORS WITH MOUNTING PLATE			
ITEM	Description	Order no.	Drawing
	<p>High-quality, ball-bearing transport roller with mounting plate. The roller housing is made of galvanised sheet steel and powder-coated in aluminium colour. The maximum screw size for fastening to the profile groove is M8. The tread made of high-quality TPE offers low-noise running and an low rolling resistance. In addition, the TPE flooring is gentle on the floor, non-marking and abrasion-resistant. The wheel body and the thread guard are made of PP, grey.</p>		
<p>Castor D80 swivel double-brake with mounting plate</p>	<p>Sheet steel housing aluminium-coloured powder-coated Tyres: TPE Colour: grey Load capacity: 90 kg/castor m = 710,0 g</p>	<p>LR-D80-DFS-AP</p>	
<p>Castor D100 swivel double-brake with mounting plate</p>	<p>Sheet steel housing aluminium-coloured powder-coated Tyres: TPE Colour: grey Load capacity: 100 kg/castor m = 787,0 g</p>	<p>LR-D100-DFS-AP</p>	
<p>Castor D125 swivel double-brake with mounting plate</p>	<p>Sheet steel housing aluminium-coloured powder-coated Tyres: TPE Colour: grey Load capacity: 110 kg/castor m = 873,0 g</p>	<p>LR-D125-DFS-AP</p>	



FIXED CASTORS WITH MOUNTING PLATE

ITEM	Description	Order no.	Drawing
	<p>High-quality, ball-bearing transport roller with mounting plate. The roller housing is made of galvanised sheet steel and powder-coated in aluminium colour. The maximum screw size for fastening to the profile groove is M8. The tread made of high-quality TPE offers low-noise running and a low rolling resistance. In addition, the TPE flooring is gentle on the floor, non-marking and abrasion-resistant. The wheel body and the thread guard are made of PP, grey.</p>		
<p>Castor D80 fixed with mounting plate</p>	<p>Sheet steel housing aluminium-coloured powder-coated Screw-on plate, die cast-zinc aluminium-coloured powder-coated Tyres: TPE Colour: grey Load capacity: 90 kg/castor m = 357,0 g</p>	<p>BR-D80-AP</p>	
<p>Castor D100 fixed with mounting plate</p>	<p>Sheet steel housing aluminium-coloured powder-coated Screw-on plate, die cast-zinc aluminium-coloured powder-coated Tyres: TPE Colour: grey Load capacity: 100 kg/castor m = 424,0 g</p>	<p>BR-D100-AP</p>	
<p>Castor D125 fixed with mounting plate</p>	<p>Sheet steel housing aluminium-coloured powder-coated Screw-on plate, die cast-zinc aluminium-coloured powder-coated Tyres: TPE Colour: grey Load capacity: 110 kg/castor m = 506,0 g</p>	<p>BR-D125-AP</p>	

Floor elements



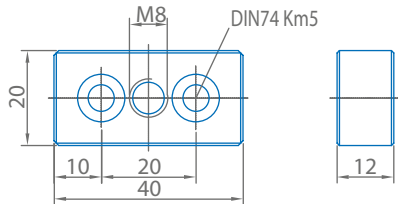


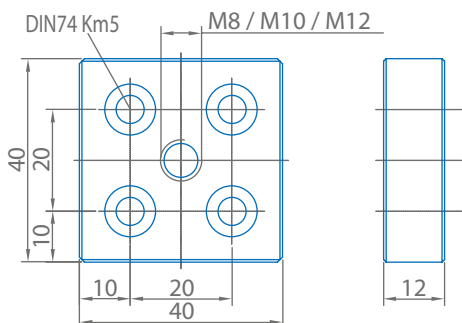



FLOOR ELEMENTS

CASTOR SWIVELS HEAVY			
ITEM	Description	Order no.	Drawing
	<p>High-quality, ball-bearing transport roller in heavy-duty design. The roller housing and the integrated screw-on plate are made of galvanized steel. The maximum screw size for fastening to the profile groove is M10. The tread made of high-quality polyurethane elastomer offers a low noise level and low rolling resistance. In addition, the PU covering is gentle on the floor and abrasion-resistant. The wheel body consists of grey cast iron and painted in anthracite.</p>		
<p>Castor D125 swivel, heavy</p>	<p>Sheet steel housing, galvanised PU-tyres, 92 Sh A Colour: yellow Load capacity: 450 kg/castor m = 3,11 kg</p>	<p>LR-D125-S</p>	
<p>Castor D125 swivel double brake, heavy</p>	<p>Sheet steel housing, galvanised PU-tyres, 92 Sh A Colour: yellow Load capacity: 450 kg/castor m = 3,34 kg</p>	<p>LR-D125-DFS-S</p>	



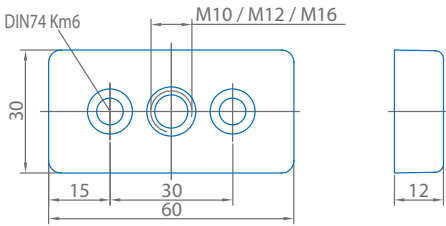



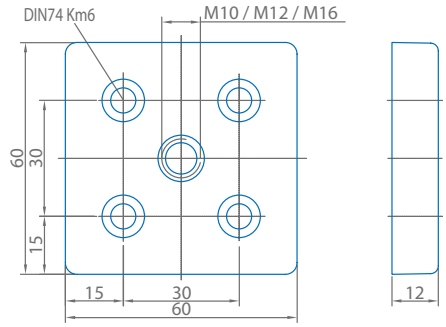




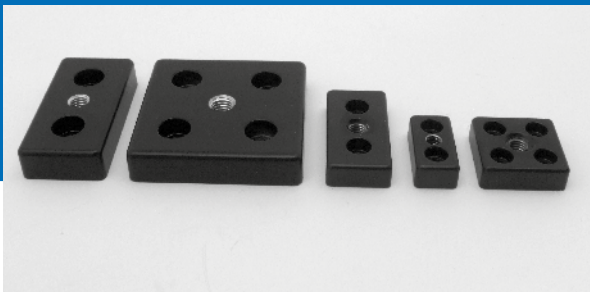
BASE PLATES

ITEM	Description	Order no.	Drawinga
	<p>Base plates are mainly used for fixing stand feet and castors. For mounting on end faces, in the core holes of the profiles threads are also required. The plates can also be mounted laterally on all profiles using T-Slots.</p>		
<p>Base plate 5 40x20 M8</p> 	<p>Material: die-cast zinc Surface: black powder-coated m = 47,5 g</p>	<p>FP5-40x20-M8</p>	
<p>Base plate 5 40x40 M8</p> 	<p>Material: die-cast zinc Surface: black powder-coated m = 94,0 g</p>	<p>FP5-40x40-M8</p>	
<p>Base plate 5 40x40 M10</p> 	<p>Material: die-cast zinc Surface: black powder-coated m = 92,0 g</p>	<p>FP5-40x40-M10</p>	
<p>Base plate 5 40x40 M12</p> 	<p>Material: die-cast zinc Surface: black powder-coated m = 89,0 g</p>	<p>FP5-40x40-M12</p>	



FLOOR ELEMENTS

BASE PLATES			
ITEM	Description	Order no.	Drawing
	Base plates are mainly used for fixing stand feet and castors. For mounting on end faces, in the core holes of the profiles threads are also required. The plates can also be mounted laterally on all profiles using T-Slots.		
Base plate 6 60x30 M10 	Material: die-cast zinc Surface: black powder-coated m = 104,5 g	FP6-60x30-M10	
Base plate 6 60x30 M12 	Material: die-cast zinc Surface: black powder-coated m = 103,5 g	FP6-60x30-M12	
Base plate 6 60x30 M16 	Material: die-cast zinc Surface: black powder-coated m = 98,0 g	FP6-60x30-M16	
Base plate 6 60x60 M10 	Material: die-cast zinc Surface: black powder-coated m = 199,5 g	FP6-60x60-M10	
Base plate 6 60x60 M12 	Material: die-cast zinc Surface: black powder-coated m = 198,0 g	FP6-60x60-M12	
Base plate 6 60x60 M16 	Material: die-cast zinc Surface: black powder-coated m = 196,0 g	FP6-60x60-M16	



BASE PLATES			
ITEM	Description	Order no.	Drawing
Base plate 8 40x40 M10 	Material: Al Surface: natural anodized m = 215,0 g	FP8-40x40-M10	
Base plate 8 80x40 M10 	Material: die-cast zinc Surface: black powder-coated m = 104,5 g	FP8-80x40-M10	
Base plate 8 80x40 M12 	Material: die-cast zinc Surface: black powder-coated m = 103,5 g	FP8-80x40-M12	
Base plate 8 80x40 M16 	Material: die-cast zinc Surface: black powder-coated m = 98,0 g	FP8-80x40-M16	
Base plate 8 80x40 M20 	Material: die-cast zinc Surface: black powder-coated m = 199,5 g	FP8-80x40-M20	
Base plate 8 80x80 M10 	Material: die-cast zinc Surface: black powder-coated m = 198,0 g	FP8-80x80-M10	
Base plate 8 80x80 M12 	Material: die-cast zinc Surface: black powder-coated m = 198,0 g	FP8-80x80-M12	
Base plate 8 80x80 M16 	Material: die-cast zinc Surface: black powder-coated m = 196,0 g	FP8-80x80-M16	
Base plate 8 80x80 M20 	Material: die-cast zinc Surface: black powder-coated m = 351,5 g	FP8-80x80-M20	

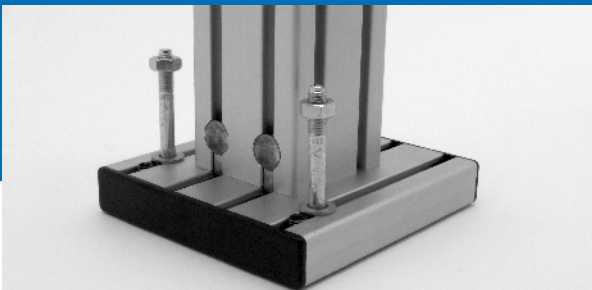
Floor
elements




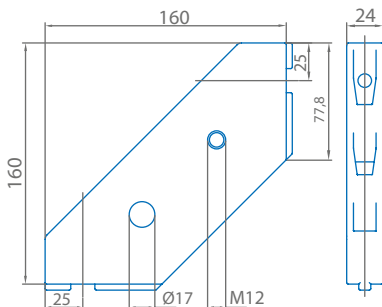
FLOOR ELEMENTS

FLOOR PLATES			
ITEM	Description	Order no.	Drawing
	Floor plates are suitable for fixing and levelling stand profiles to the floor. Levelling is carried out with grub screws. The floor mounting is realized with floor mounting sets, corresponding mounting holes are provided.		
Floor plate 8 160 	Base plate, Al, anodised 2 cover caps 8 160x28, black 3 grub screws DIN 915-M10x30 St, natural 3 floor fixing sets M10x130, galvanised m = 1.578,5 g	BP8-160	
Floor plate 8 280 	Base plate, Al, anodised 2 cover caps 8 160x28, black m = 2.280,0 g	BP8-280	

CRANE PLATE			
ITEM	Description	Order no.	Drawing
	The crane plate 8 80x80-M16, galvanised is a solid and break-proof steel plate. It is designed for fastening eyebolts of size M16 to machine frames. Lateral forces resulting from lifting can be absorbed by the crane plate and transferred to the base frame. Cylinder screws of size M8 are recommended for fastening to the aluminium profile.		
Crane plate 8 80x80 M16, galvanised 	Material: St, galvanised m = 705,0 g	KP8-80x80-M16	


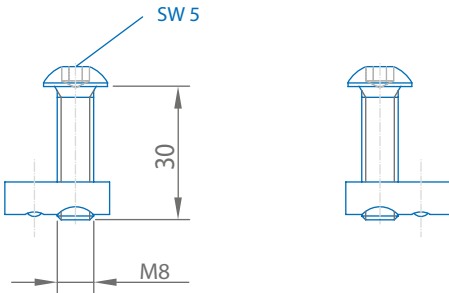


FLOOR FIXING PLATE

ITEM	Description	Order no.	Drawing
	The floor fixing plate is used for levelling and fixing racks. Optionally, the component can be used for stiffening frame constructions. Fastening to the profile groove is carried out using the additionally offered fastening set 8 for the floor fixing plate (BS-BBP-8).		
Floor fixing plate 8	 <p>Material: die-cast aluminium Surface: black powder-coated $F_{max} = 10.000\text{ N}$ $m = 608,5\text{ g}$</p>	BBP8-AL	



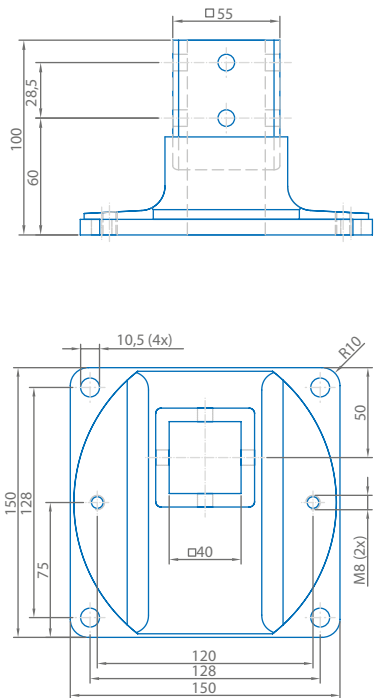
Floor elements



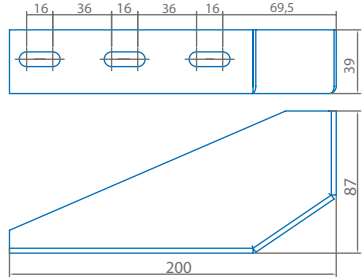
FASTENING SET FOR FLOOR FIXING PLATE

ITEM	Description	Order no.	Drawing
	The fastening set is used for screwing the floor fixing plate.		
Fastening set for floor fixing plate	 <p>2 button-head screws ISO 7380-M8x30, St, galvanised 2 T-slots 8 St M8, galvanised $m = 51,0\text{ g}$</p>	BS-BBP-8	



FLOOR ELEMENTS

FLOOR MOUNT CONSOLE			
ITEM	Description	Order no.	Drawing
	<p>The floor mount console is especially well-suited for vertical profiles in the constructions of protective fences. Mounting to the floor and levelling is achieved simply and safely.</p>		
Floor mount console 150x150			
	<p>Material: die-cast aluminium, plain m = 940,0 g</p>	PK-150x150	

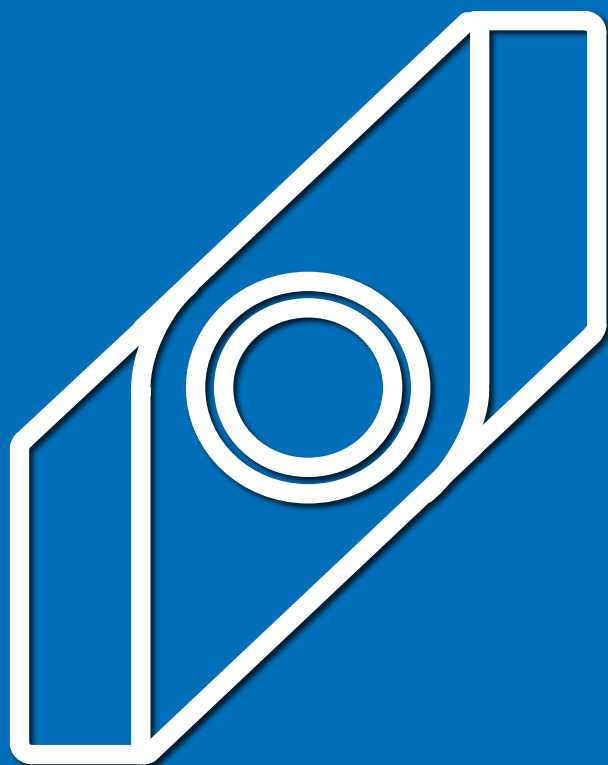
FLOOR BRACKET SET			
ITEM	Description	Order no.	Drawing
	<p>Floor bracket St, galvanised for fixed connection between series 8 profiles and the floor. The attachment to the profile groove can be made by means of the additional hexagon sockets M8x16, washers M8 and T-slots 8 St M8.</p>		
Floor bracket set 8 200, galvanised			
	<p>Material: St, galvanised Colour: steel blue, galvanised m = 456,0 g</p>	BW8-200-VZ	



FLOOR-FASTENING SETS			
ITEM	Description	Order no.	Drawing
	Floor-fastening sets are used for floor and wall mounting of various components.		
Floor-fastening set M8x95 	Material: St, galvanised M = 20,0 Nm m = 35,5 g	BBS-M8x95	
Floor-fastening set M10x95 	Material: St, galvanised M = 45,0 Nm m = 59,5 g	BBS-M10x95	
Floor-fastening set M10x130 	Material: St, galvanised M = 45,0 Nm m = 76,5 g	BBS-M10x130	

Floor elements

FIXATION ELEMENTS





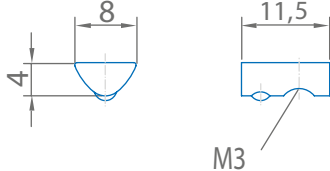

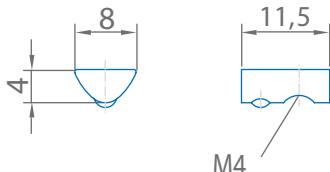


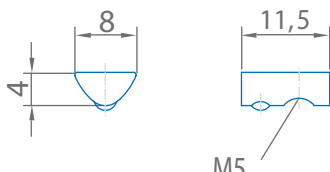



FIXATION ELEMENTS

T-SLOTS ZN			
ITEM	Description	Order no.	Drawing
	<p>Suitable for efficient assembly of components in the profile groove. A fixed thread is created by tightening the T-slot. The T-slots Zn can be pre-assembled on the component to be fastened using a screw. After positioning the T-slot including with the screw in the profile slot, it locks automatically in the profile when tightened.</p>		
T-slot 8 Zn M3 	<p>Material: die-cast zinc Surface: galvanised m = 5,0 g</p>	NS8-ZN-M3	
T-slot 8 Zn M4 	<p>Material: die-cast zinc Surface: galvanised m = 5,0 g</p>	NS8-ZN-M4	
T-slot 8 Zn M5 	<p>Material: die-cast zinc Surface: galvanised m = 4,5 g</p>	NS8-ZN-M5	
T-slot 8 Zn M6 	<p>Material: die-cast zinc Surface: galvanised m = 4,0 g</p>	NS8-ZN-M6	



T-SLOTS ST

ITEM	Description	Order no.	Drawing
	T-slot St for fastening medium-heavy components. The T-slots can be swivelled into the profile groove in any position. The fixing of the T-slot is made by means of a spring-loaded ball. T-slots St are offered as standard in St, galvanised. For special applications there is a stainless steel version (A2).		
T-slot 5 St M3 	Material: St Surface: galvanised m = 2,0 g	NS5-M3	
T-slot 5 St M4 	Material: St Surface: galvanised m = 2,0 g	NS5-M4	
T-slot 5 St M4, stainless 	Material: stainless steel (A2) Surface: natural m = 2,0 g	NS5-M4-R	
T-slot 5 St M5 	Material: St Surface: galvanised m = 1,5 g	NS5-M5	
T-slot 5 St M5, stainless 	Material: stainless steel (A2) Surface: natural m = 1,5 g	NS5-M5-R	



FIXATION ELEMENTS

T-SLOTS ST			
ITEM	Description	Order no.	Drawing
	T-slots St with guiding ridge for fastening medium-heavy components. The T-slots can be swivelled into the profile groove in any position. The fixation of the T-slot is carried out via a spring-loaded ball. The attached guiding ridge prevents the T-slot from twisting in the profile groove.		
T-slot 5 St M4 with guiding ridge 	Material: St Surface: galvanised m = 2,0 g	NS5-M4-STEG	
T-slot 5 St M5 with guiding ridge 	Material: St Surface: galvanised m = 1,8 g	NS5-M5-STEG	

T-SLOTS ST			
ITEM	Description	Order no.	Drawing
	T-slots St for fastening medium-heavy components. The T-slots can be swivelled into the profile groove in any position. The fixing of the T-slot is made by means of a spring-loaded ball. T-slots St are offered as standard in St, galvanised. For special applications there is a stainless steel version (A2).		
T-slot 6 St M3 	Material: St Surface: verzinkt m = 4,5 g	NS6-M3	
T-slot 6 St M3 with guiding ridge concave, galvanised 	Material: St Surface: galvanised Version: guiding ridge, concave m = 5,2 g	NS6-M3-STEG-K	
T-slot 6 St M4 	Material: St Surface: galvanised m = 4,5 g	NS6-M4	
T-slot 6 St M4 with guiding ridge concave, galvanised 	Material: St Surface: galvanised Version: guiding ridge concave m = 5,2 g	NS6-M4-STEG-K	



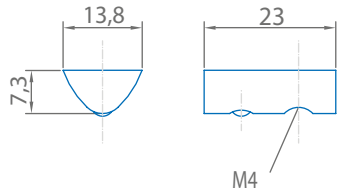







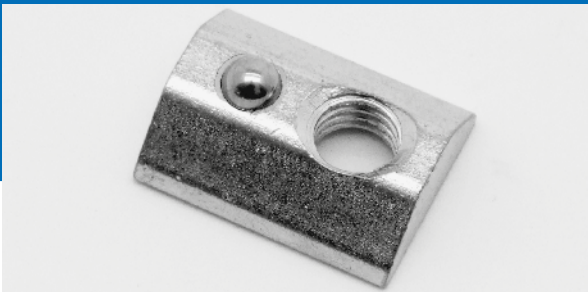
T-SLOTS ST			
ITEM	Description	Order no.	Drawing
T-slot 6 St M5 	Material: St Surface: galvanised m = 4,5 g	NS6-M5	
T-slot 6 St M5, stainless 	Material: stainless steel (A2) Surface: natural m = 4,5 g	NS6-M5-R	
T-slot 6 St M5 with guiding ridge, galvanised 	Material: St Surface: galvanised Version: guiding ridge, concave m = 5,2 g	NS6-M5-STEГ-K	
T-slot 6 St M6 	Material: St Surface: galvanised m = 4,0 g	NS6-M6	
T-slot 6 St M6, stainless 	Material: stainless steel (A2) Surface: natural m = 4,0 g	NS6-M6-R	
T-slot 6 St M6 with guiding ridge concave, galvanised 	Material: St Surface: galvanised Version: guiding ridge, concave m = 5,2 g	NS6-M6-STEГ-K	


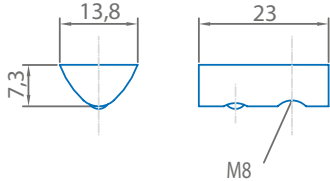


Fixation
elements


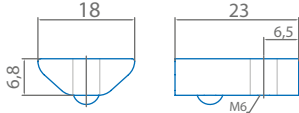

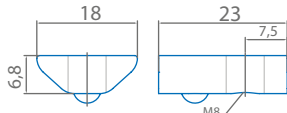



FIXATION ELEMENTS

T-SLOTS ST			
ITEM	Description	Order no.	Drawing
	T-slots St for fastening medium-heavy components. The T-slots can be swivelled into the profile groove in any position. The fixing of the T-slot nut is made by means of a spring-loaded ball. T-slots St are offered as standard in St, galvanised. For special applications there is a stainless steel version (A2).		
T-slot 8 St M4	 <p>Material: St Surface: galvanised m = 11,5 g</p>	NS8-M4	
T-slot 8 St M4, stainless			
	<p>Material: stainless steel (A2) Surface: natural m = 11,0 g</p>		
T-slot 8 St M5	 <p>Material: St Surface: galvanised m = 11,0 g</p>	NS8-M5	
T-slot 8 St M5, stainless			
	<p>Material: stainless steel (A2) Surface: natural m = 10,5 g</p>		
T-slot 8 St M6	 <p>Material: St Surface: galvanised m = 11,0 g</p>	NS8-M6	
T-slot 8 St M6, stainless			
	<p>Material: stainless steel (A2) Surface: natural m = 10,5 g</p>		



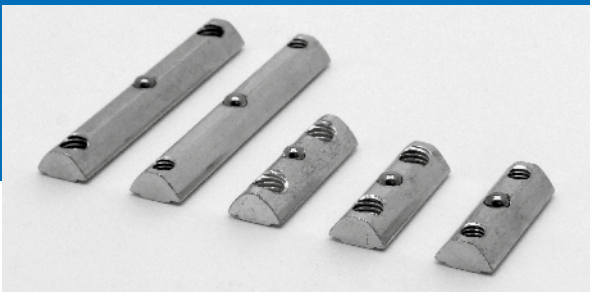
T-SLOTS ST			
ITEM	Description	Order no.	Drawing
			
T-slot 8 St M8		NS8-M8	
 Material: St Surface: galvanised m = 10,0 g			
T-slot 8 St M8, stainless		NS8-M8-R	
 Material: stainless steel (A2) Surface: natural m = 9,5 g			

T-SLOTS ST HEAVY			
ITEM	Description	Order no.	Drawing
	T-slots St heavy are used for particularly high loads. Since the T-slot is adapted to the contour of the profile slot, forces are generated optimally introduced into the aluminium profile. T-slots heavy are inserted into the groove from the end face of a profile. Against shifting they are axially secured by a spring-loaded ball.		
T-slot 8 St M6 heavy		NS8-M6-S	
 Material: St Surface: galvanised m = 14,5 g			
T-slot 8 St M8 heavy		NS8-M8-S	
 Material: St Surface: galvanised m = 13,0 g			



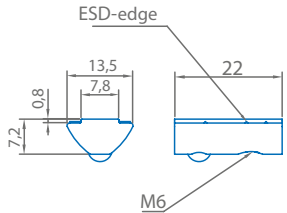

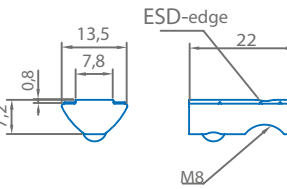


FIXATION ELEMENTS



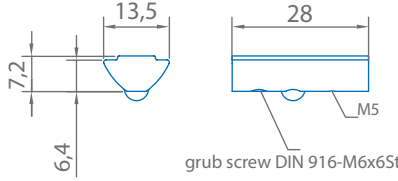

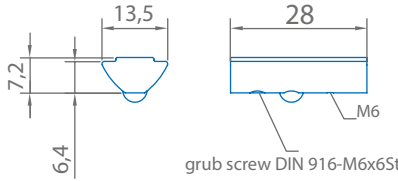

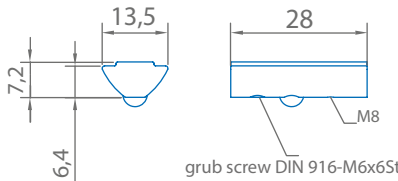
T-SLOTS WITH GUIDING RIDGE			
ITEM	Description	Order no.	Drawing
	T-slots St with guiding ridge for fastening medium-heavy components. The T-slots can be swivelled into the profile groove in any position. The fixation of the T-slots is carried out via a spring-loaded ball. The attached guiding ridge prevents the T-slots from twisting in the profile groove.		
T-slot 8 St M3 with guiding ridge 	Material: St Surface: galvanised m = 11,5 g	NS8-M3-STEg	
T-slots 8 St M4 with guiding ridge 	Material: St Surface: galvanised m = 11,0 g	NS8-M4-STEg	
T-slot 8 St M5 with guiding ridge 	Material: St Surface: galvanised m = 10,5 g	NS8-M5-STEg	
T-slot 8 St M6 with guiding ridge 	Material: St Surface: galvanised m = 10,5 g	NS8-M6-STEg	
T-slot 8 St M8 with guiding ridge 	Material: St Surface: galvanised m = 9,5 g	NS8-M8-STEg	



T-SLOTS ESD

ITEM	Description	Order no.	Drawing
	ESD T-slots St have an upsetting on the upper side, which allows a conductive connection between the basic profile and the add-on part. The T-slots can be swivelled into the profile groove in any position and are used for fastening medium-heavy components. The T-slot is fixed by means of a spring-loaded ball. The attached guiding ridge prevents the T-slot from twisting in the profile groove.		
T-slot 8 St M6 with guiding ridge ESD 	Material: St Surface: galvanised m = 10,0 g	NS8-M6-STEГ-ESD	
T-slot 8 St M8 with guiding ridge ESD 	Material: St Surface: galvanised m = 9,0 g	NS8-M8-STEГ-ESD	

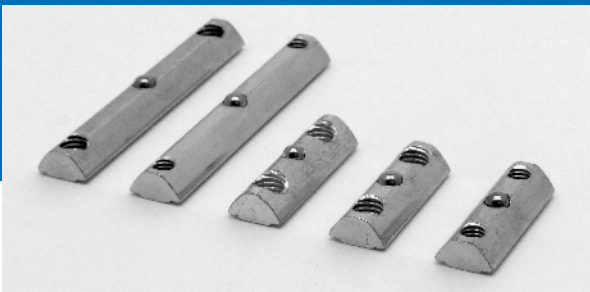
T-SLOTS F



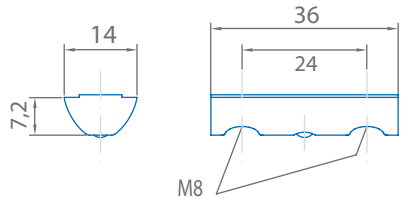

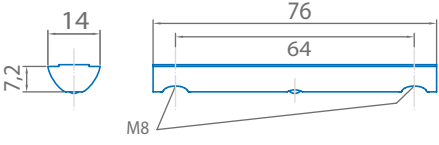

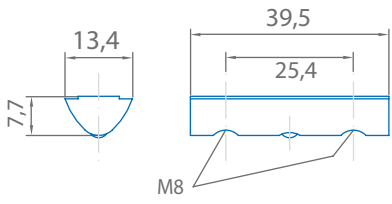

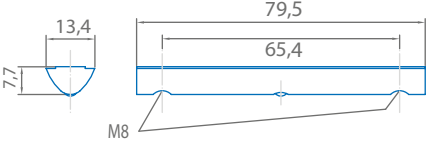

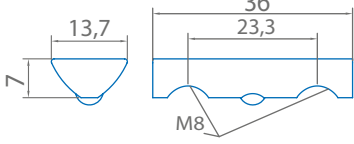
ITEM	Description	Order no.	Drawing
	The T-slot F provides a conductive connection between the mounting point and the profile. Furthermore, the T-slot F remains in place due to the tightening process of the grub screw in fixed position.		
T-slot F 8 St M5 with guiding ridge 	Material: St Surface: galvanised Grub screw DIN 916-M6x6 m = 13,0 g	NS-F8-M5-STEГ	
T-slot F 8 St M6 with guiding ridge 	Material: St Surface: galvanised Grub screw DIN 916-M6x6 m = 12,5 g	NS-F8-M6-STEГ	
T-slot F 8 St M8 with guiding ridge 	Material: St Surface: galvanised Grub screw DIN 916-M6x6 m = 12,0 g	NS-F8-M8-STEГ	



FIXATION ELEMENTS



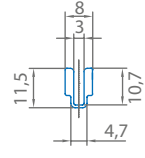
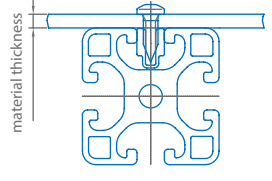


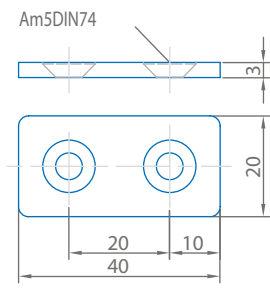

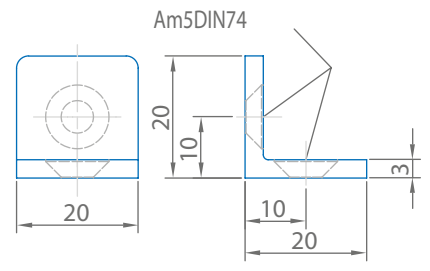

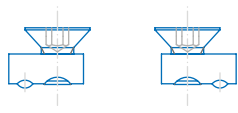
DOUBLE T-SLOTS			
ITEM	Description	Order no.	Drawing
	<p>Double T-slots are preferably used in conjunction with angled elements, universal and threaded form connectors for the fastening of profiles. However, they can also be used to fix a thread in the profile groove using a grub screw.</p>		
T-slot 6 St 2xM5-28, galvanised 	<p>Material: St Surface: galvanised Length: 28,0 mm Hole separation: 19,0 mm m = 7,5 g</p>	NS6-2xM5-28	
T-slot 6 St 2xM5-58, galvanised 	<p>Material: St Surface: galvanised Length: 58,0 mm Hole separation: 49,0 mm m = 17,0 g</p>	NS6-2xM5-58	
T-slot 6 St 2xM6-28, galvanised 	<p>Material: St Surface: galvanised Length: 28,0 mm Hole separation: 17,0 mm m = 7,0 g</p>	NS6-2xM6-28	
T-slot 6 St 2xM6-58, galvanised 	<p>Material: St Surface: galvanised Length: 58,0 mm Hole separation: 47,0 mm m = 15,5 g</p>	NS6-2xM6-58	
T-slot 8 St 2xM6-36 with guiding ridge, galvanised 	<p>Material: St Surface: galvanised Length: 36,0 mm Hole separation: 26,4 mm m = 16,0 g</p>	NS8-2xM6-36-STEG	
T-slot 8 St 2xM6-76 with guiding ridge, galvanised 	<p>Material: St Surface: galvanised Length: 76,0 g Hole separation: 66,4 mm m = 37,5 g</p>	NS8-2xM6-76-STEG	



DOUBLE T-SLOTS ST			
ITEM	Description	Order no.	Drawing
			
T-slot 8 St 2xM8-36 with guiding ridge, galvanised 	Material: St Surface: galvanised Length: 36,0 mm Hole separation: 24,0 mm m = 14,0 g	NS8-2xM8-36-STEg	
T-slot 8 St 2xM8-76 with guiding ridge, galvanised 	Material: St Surface: galvanised Length: 76,0 mm Hole separation: 64,0 mm m = 36,5 g	NS8-2xM8-76-STEg	
T-slot 8 St 2xM8-39,5 with guiding ridge, galvanised 	Material: St Surface: galvanised Length: 39,5 mm Hole separation: 25,4 mm m = 15,5 g	NS8-2xM8-39,5	
T-slot 8 St 2xM8-79,5 with guiding ridge, galvanised 	Material: St Surface: galvanised Length: 39,5 mm Hole separation: 25,4 mm m = 15,5 g	NS8-2xM8-79,5	
T-slot 8 St 2xM8-36-23,3, galvanised 	Material: St Surface: galvanised Length: 36,0 mm Hole separation: 23,3 mm m = 14,0 g	NS8-2xM8-36-23,3	



FIXATION ELEMENTS



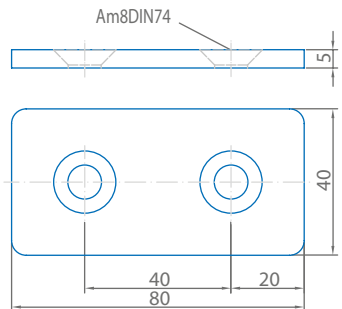



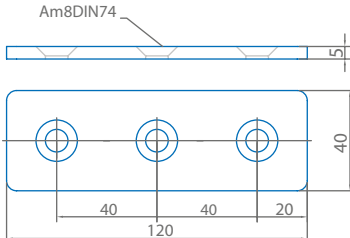

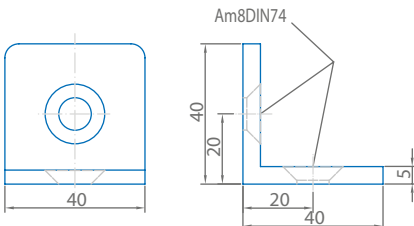


SCREW STRIP			
ITEM	Description	Order no.	Drawing
	Screw strips are inserted into the profile groove from above and allow light components to be fastened using thread-forming screws.		
Screw strip 8 Al 	Material: Al Surface: anodised 1 rod á 2.000 mm m = 130,0 g/m	SL-8-AL	 <p>example of installation tapping screw DIN 7981 St 4,2x"S" "S" = 11 + material thickness</p> 
ANGLE BRACKETS / BRACKETS			
ITEM	Description	Order no.	Drawing
	Fixation elements for stable connection of profiles, surface elements, cable ducts or other components to each other or mutual.		
Angle bracket 5 20, black 	Material: St Surface: black powder-coated m = 13,5 g	LCH5-20	 <p>Am5DIN74</p>
Bracket 5 20, black 	Material: St Surface: black powder-coated m = 14,5 g	W5-20-SCH	 <p>Am5DIN74</p>
Fastening set 5 for bracket 5 20 / angle bracket 5 20 	2 countersunk screws DIN 7991-M5x8, St Surface: black burnished 2 T-slots 5 St M5, galvanised m = 6,5 g	BS5-WL	

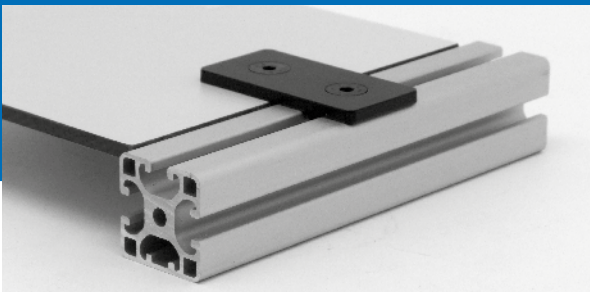




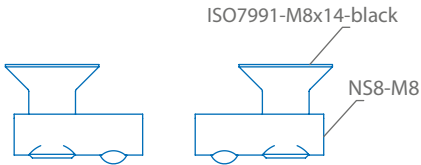

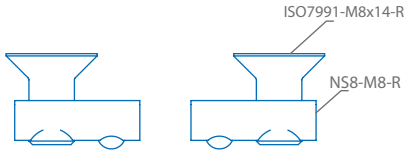

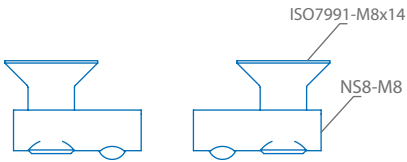
ANGLE BRACKETS / BRACKETS			
ITEM	Description	Order no.	Drawing
	Fixation elements for stable connection of profiles, surface elements, cable ducts or other components to each other or mutual.		
Angle bracket 6 30, black			
	Material: St Surface: black powder-coated m = 38,0 g	LCH6-30	
Angle bracket 6 30, stainless			
	Material: stainless steel (A2) Surface: natural m = 38,0 g	LCH6-30-RF	
Bracket 6 30, black			
	Material: St Surface: black powder-coated m = 35,0 g	W6-30-SCH	
Bracket 6 30, stainless			
	Material: stainless steel (A2) Surface: natural m = 33,0 g	W6-30-RF	
Fastening set 6 for bracket 6 30 / angle bracket 6 30			
	2 countersunk screws DIN 7991-M6x10, St Surface: black burnished 2 T-slots 6 St M6, galvanised m = 13,5 g	BS6-WL	



FIXATION ELEMENTS

ANGLE BRACKETS / BRACKETS			
ITEM	Description	Order no.	Drawing
	Fixation elements for stable connection of profiles, surface elements, cable ducts or other components among each other or mutual.		
Angle bracket 8 40, black 	Material: St Surface: black powder-coated m = 114,0 g	LCH8-40	
Angle bracket 8 40, stainless 	Material: stainless steel (A2) Surface: natural m = 115,5 g	LCH8-40-RF	
Angle bracket 8 40, galvanised 	Material: St Surface: galvanised m = 110,5 g	LCH8-40-VERZ	
Angle bracket 8 120x40, black 	Material: St Surface: black powder-coated m = 175,5 g	LCH8-120x40	
Bracket 8 40, black 	Material: St Oberfläche: schwarz pulverbeschichtet m = 108,0 g	W8-40-SCH	
Bracket 8 40, stainless 	Material: stainless steel (A2) Surface: natural m = 100,0 g	W8-40-RF	
Bracket 8 40, galvanised 	Material: St Surface: galvanised m = 112,5 g	W8-40-VERZ	



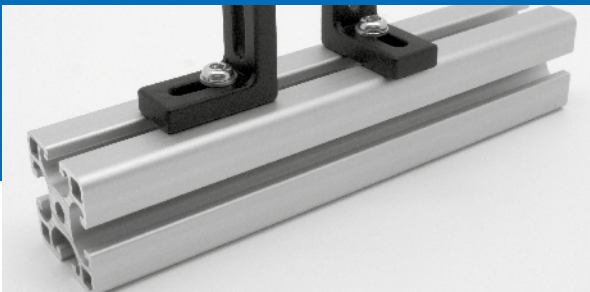
ANGLE BRACKETS / BRACKETS			
ITEM	Description	Order no.	Drawing
	Fastening set for bracket and angle bracket.		
Fastening set 8 for bracket 8 40 / Angle bracket 8 40, black 	2 countersunk screws DIN 7991-M8x14, St Surface: black burnished 2 T-slots 8 St M8, galvanised m = 32,5 g	BS8-WL	
Fastening set 8 for bracket 8 40 / angle bracket 8 40, stainless 	2 countersunk screws DIN7991-M8x14, St stainless steel (A2) 2 T-slots 8 StM8, stainless steel, stainless steel (A2) m = 32,5 g	BS8-WL-RF	
Fastening set 8 for bracket 8 40 / angle bracket 8 40, galvanised 	2 countersunk screws DIN 7991-M8x14, St Surface: black galvanised 2 T-slots 8 StM8, galvanised m = 33,0 g	BS8-WL-VZ	

Fixation elements



FIXATION ELEMENTS

FIXATION BRACKETS ZN			
ITEM	Description	Order no.	Drawing
	Universal brackets Zn for fastening any component to aluminium profiles. Slots allow for a wide range of adjustment in position and incline. Screws up to size M6 may be used for fastening.		
Fixation bracket 40x40x20 Zn 	Material: die-cast zinc Surface: black powder-coated m = 58,5 g	BW-40x40x20-ZN	
Fixation bracket 60x40x20 Zn 	Material: die-cast zinc Surface: black powder-coated m = 73,0 g	BW-60x40x20-ZN	
Fixation bracket 60x60x20 Zn 	Material: die-cast zinc Surface: black powder-coated m = 87,0 g	BW-60x60x20-ZN	
Fixation bracket 80x40x20 Zn 	Material: die-cast zinc Surface: black powder-coated m = 85,5 g	BW-80x40x20-ZN	

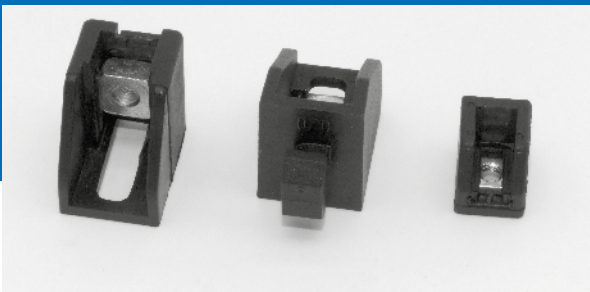


REBATE PROFILES			
ITEM	Description	Order no.	Drawing
	<p>Rebate profiles are swivelled into the groove and fixated using thread pins. The rebate profile 8 Al 19" is used for mounting 19" front plates or casings. The mounting components are fastened using captive nuts.</p>		
Rebate profile 8 Al 	<p>Material: Al Surface: anodised Cut max.: 6.000 mm Rods: 3.000 / 6.000 mm m = 321,0 g/m</p>	<p>WL8</p>	
Rebate profile 8 Al M6 	<p>Material: Al Surface: anodised Cut max.: 2.000 mm Rod á 2.000 mm m = 325,0 g/m</p>	<p>WL8-M6</p>	
Rebate profile 8 Al 19" 	<p>Material: Al Surface: anodised incl. grub screws DIN 913-M6x12, St Rods á 2.048,0 mm m = 281,3 g/m</p>	<p>WL8-AL-19</p>	



FIXATION ELEMENTS


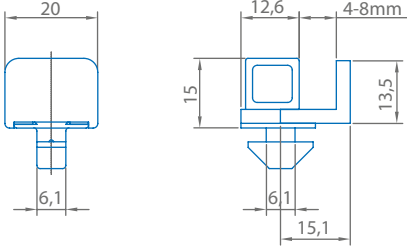

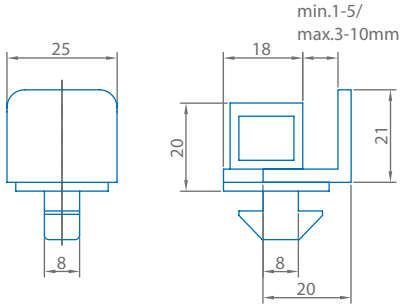

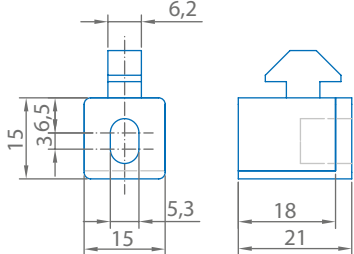
CAPTIVE NUTS			
ITEM	Description	Order no.	Drawing
	<p>Universal captive nuts for mounting an rebate profile 8 Al 19" or other surface elements. Simple and quick assembly due to snapping into the corresponding notch.</p>		
<p>Captive nut M5</p>	<p>Captive nut M5 Material: St Surface: galvanised m = 5,0 g</p>	<p>KM8-M5</p>	
<p>Captive nut M6</p>	<p>Captive nut M6 Material: St Surface: galvanised m = 5,0 g</p>	<p>KM8-M6</p>	
	<p>Surface pavement according to the machinery directive 2006/42/EC. The safety fastening and the panel element form an inseparable unit after installation. A loosened screw is inevitably indicated by the position of the panel element. The multiblock is suitable for a surface thickness of 3 to 8 mm.</p>		
<p>Multiblock 8 PA M6 with safety mounting, black</p>	<p>Base body Material: PA-GF Colour: black Fixing screw M6x22 St, galvanised Square nut DIN 557-M6, St, galvanised Captive washer M6 PA-GF, black Load: max. 250 N m = 20,5 g</p>	<p>MB8-PA-M6-SB</p>	

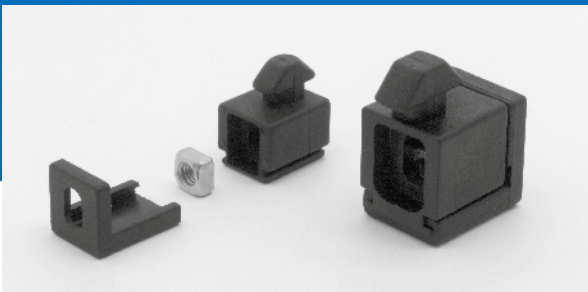




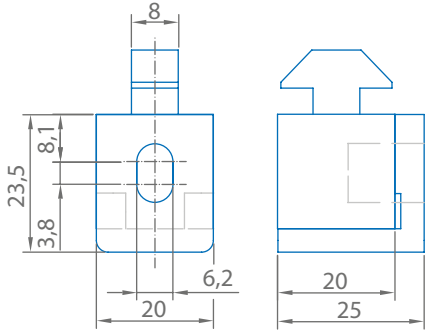

UNI BLOCKS			
ITEM	Description	Order no.	Drawing
	<p>Uni blocks enable reliable fastening of any surface element to the groove. Uni blocks can always be used at a later time. Select the mounting location freely by rotating into the profile groove. A slot and a movable securing groove ensure a wide mounting margin.</p>		
<p>Uni block 5 PA M4</p>	<p>Base plate PA-GF, black Square nut M4, St, galvanised m = 2,5 g</p>	<p>UB-5-PA-M4</p>	
<p>Uni block 8 PA M4</p>	<p>Base plate PA-GF, black Square nut M4, St, galvanised m = 10,5 g</p>	<p>UB-8-PA-M4</p>	
	<p>This version of the uniblock is particularly suitable as a fastening element between table tops and connected surface elements.</p>		
<p>Uni block slot PA M4</p>	<p>Base plate PA-GF, black Square nut M4, St, galvanised m = 9,0 g</p>	<p>UB-LL-PA-M4</p>	





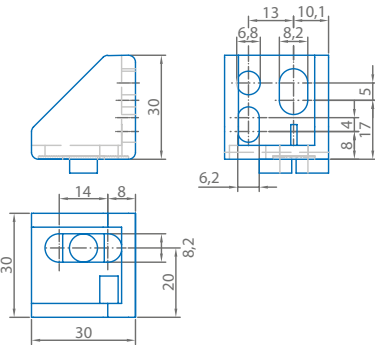
FIXATION ELEMENTS

UNI TERMINAL BLOCKS			
ITEM	Description	Order no.	Drawing
	<p>The uni terminal blocks are used for simple installation of surface elements. The terminal block can be installed into existing constructions using the insert-rotate principle at a later time. The surface element is mounted using an attachment clip. The max. tension wire gauge is 10,0 mm. Different position of the stop surfaces enable variable installation options.</p>		
Uni terminal block 6 PA, black	<p>Material: PA-GF Colour: black Gap dimension = 5,0 mm (circumferential) m = 8,0 g</p>	UKB6	
			
Uni terminal block 8 PA, black	<p>Material: PA-GF Colour: black Gap dimension = 6,0 mm (circumferential) m = 9,0 g</p>	UKB8	
MULTIBLOCKS			
ITEM	Description	Order no.	Drawing
	<p>Multiblocks enable the reliable and secure attachment of any surface elements to the profile groove. Multiblocks can be retrofitted at any time in constructions. The installation position can be freely selected by screwing it into the profile groove. For a larger mounting clearance provide an oblong hole and a movable fixing nut. An interchangeable height compensation and a rotatable installation position ensure variable installation dimensions.</p>		
Multiblock 6 PA, black	<p>Base plate and height compensation Material: PA-GF Colour: black Square nut DIN 557-M5, St, galvanised Load: max. 150 N m = 6,0 g</p>	MB6-PA-M5	





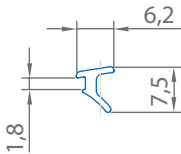

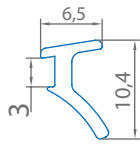

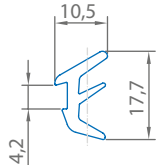

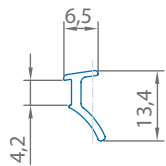

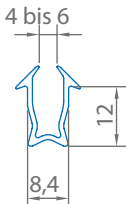
MULTIBLOCKS			
ITEM	Description	Order no.	Drawing
	Multiblocks enable the reliable and secure attachment of any surface elements to the profile groove. Multiblocks can be retrofitted at any time in constructions. The installation position can be freely selected by screwing it into the profile groove. For a larger mounting clearance provide an oblong hole and a movable fixing nut. An interchangeable height compensation and a rotatable installation position ensure variable installation dimensions.		
Multiblock 8 PA, black			
	<p>Base plate and height compensation Material: PA-GF Colour: black Square nut DIN 557-M6, St, galvanised Spring plate, St, galvanised Load: max. 250 N m = 12,5 g</p>	MB8-PA-M6	
Multiblock 8 PC, lucent			
	<p>Base plate and height compensation Material: PC Colour: transparent Square nut DIN 557-M6, St, galvanised Spring plate, St, galvanised Load: max. 250 N m = 12,0 g</p>	MB8-PC-M6-T	

Fixation elements


MULTIBLOCK ZN			
ITEM	Description	Order no.	Drawing
	For fixing surfaces to the profile groove, especially under high loads. The Multiblock Zn is attached to the profile groove by screw and T-slot. The supplied notch allows different installation heights. For fastening the panel element there are optionally a through bore or a square nut available.		
Multiblock 8 Zn			
	<p>Base plate and notch Material: die-cast zinc Colour: black powder coated Square nut DIN 557-M6, St, galvanised Spring plate, St, stainless Load: max. 1.000 N m = 68,5 g</p>	MB8-ZN-M6	



FIXATION ELEMENTS

LIP SEALS						
ITEM	Description	Order no.	Drawing			
	Lip seals are used to fix and seal surface elements of different thicknesses in the profile groove. The elastic material is resistant to detergent. For easy installation, it is recommended to moisten them with soapy water before installation. The locking of the sealing profiles in the profile groove is carried out by pressing in.					
	Material: TPE Colour: black a: 2-3 mm Rolls: 20 m/100 m m = 15,0 g/m	DP5-2-3				
	Material: TPE Colour: black a: 2-4 mm Rolls: 20 m/100 m m = 20,0 g/m	DP6-2-4				
	Material: TPE Colour: black a: 2-4 mm Rolls: 20 m/100 m m = 69,5 g/m	DP8-2-4				
	Material: TPE Colour: black a: 4-6 mm Rolls: 20 m/100 m m = 29,5 g/m	DP8-4-6				
	Material: TPE Colour: black a: 4-6 mm Rolls: 20 m/100 m m = 50,0 g	EP8-4-6				

COVER- AND DOUBLE-LID PROFILES

	Use as a cover profile for closing the profile groove against dirt and as a border profile for receiving panel elements. Other cover- and double-lid profiles in color and a detailed drawing can be found in the chapter „cover elements“.					
ITEM	Colour	a	m	Material	1 rod	Order no.
		[mm]	[g/m]		à	
Cover- and double-lid profile 5	natural	1,5 - 2,0	12,0	PP	2.000 mm	AEP5-N
Cover- and double-lid profile 6	natural	2,0 - 3,5	16,5	PP	2.000 mm	AEP6-N
Cover- and double-lid profile 8	natural	4,0 - 5,5	22,0	PP	2.000 mm	AEP8-N



PANEL BRACKETS			
ITEM	Description	Order no.	Drawing
	With the panel clamp or the glass panel bracket, panel elements can be attached to the profile without additional processing. The panel clamp is fixed to the panel element by tightening the clamping screws. This type of fixing is particularly suitable for frameless panes.		
Panel clamp 8 	2 housing halves, PA-GF, black 1 hexagon socket DIN 912-M6x20, St, galvanised 1 hexagon nut DIN 934-M6, St, galvanised 2 washers, NBR, black m = 52,0 g	Z8-PA	
Glass panel bracket 8 	2 housing halves, die-cast zinc Colour: aluminium powder-coated Holder Assembly set: Rubber plates, screw M5x16 galvanised m = 74,0 g	GSH-8	

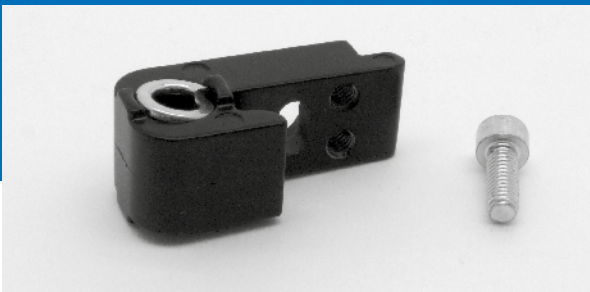
fixation
 elements



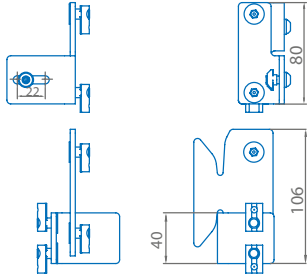
INSTALLATION-PITCH AREA	
Clamp 8 - installation-pitch area	Glass panel bracket 8 - installation-pitch area



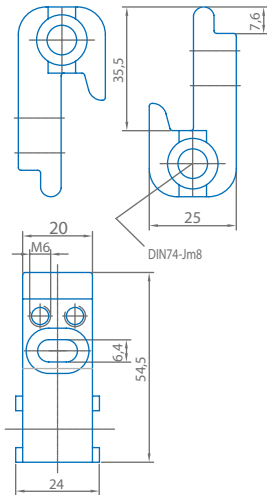


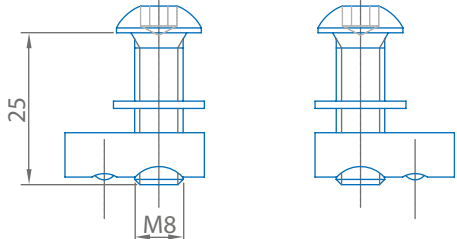


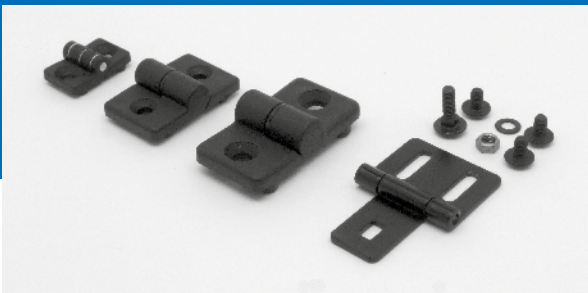
FIXATION ELEMENTS

HANGERS			
ITEM	Description	Order no.	Drawing
	<p>Hangers are used for fastening frame elements to vertical profiles. If required, the hangers can be connected to each other using screws and thereby protected against being unhinged. For each connection point, two hangers 8 as well as the corresponding fastening sets are required.</p>		
Hanger 6-8 	<p>2 mounts, die-cast zinc, black 2 anti-rotation devices, die-cast zinc, black 1 grub screw DIN 913-M5x10, black m = 68,0 g</p>	AH6/8-SZ	
Hanger 8 	<p>1 hanger, die-cast zinc, black 1 hexagon socket DIN 912-M6x16, St, galvanised 1 washer DIN 125-6.4, St, galvanised m = 88,0 g</p>	AH8	
Fastening set 8 for hanger 8 	<p>1 button-head screw ISO 7380-M8x25, St, galvanised 1 washer 13,5x9x1, St, galvanised 1 T-Slot 8 St M8, galvanised m = 22,0 g</p>	BS8-AH	



SAFETY HANGER			
ITEM	Description	Order no.	Drawing
	The safety hanger 8/8, galvanised is a robust and break-proof hanger for fastening profile frames to upright profiles. Both the frame as well as the upright is made of series 8 profiles. The safety hanger is easy to install and provides with tamper-proof screws effective protection. The component complies with the requirements of the machinery directive 2006/42/EC. For each profile frame, one set of the safety hanger is required.		
Safety hanger 8/8, galvanised			
	Safety hanger, St, galvanised Fastening set, St, galvanised m = 978,0 g	SI-AH8/8-VZ	

DOOR RABBET			
ITEM	Description	Order no.	Drawing
	The door rabbet 8 serves as a stop for swing doors and thus prevents doors from swinging through.		
Door rabbet 8			
	2 door hinges, die-cast zinc Surface: black powder-coated Gap dimension door stop side: 22 mm Gap dimension hinge side: 28 mm m = 150,0 g	TASCH8-SZ	
			
Fastening set for door rabbet 8			
	2 button-head screws ISO 7380-M8x25, St, galvanised 2 washers 13,5x9x1, St, galvanised 2 T-Slots 8 St M8, galvanised m = 44,0 g	BS8-TA	



HINGE ST			
ITEM	Description	Order no.	Drawing
	Hinges St are suitable for light flaps and doors. Installation can optionally be external or internal. In the add-on version hinges St cannot be released from outside. The opening angle of the hinge is 180°.		
Hinge St			
	Hinge halves, St, black powder-coated 3 pan-head flange screws M5x8, St, black Hexagon nut DIN 934-M5, St, black Washer DIN125-5.3, St, black Saucer-head screw DIN 603-M5x16, St, black m = 50,5 g	SCH-ST	

Fixation
 elements

HINGES PA			
ITEM	Description	Order no.	Drawing
	Hinges PA are well-suited for light doors and flaps. They are equipped with an anti-rotation lock which is inserted into the profile groove. Surface elements which are fastened using hinges PA have to be processed with through bores C (see table).		
Hinge 5 PA			
	Material: PA-GF Colour: black non-detachable m = 6,0 g	SCH5-PA	



FIXATION ELEMENTS

HINGES PA			
ITEM	Description	Order no.	Drawing
	<p>Hinges PA are suitable for light doors and flaps. They are equipped with an anti-rotation device that engages in the profile groove. Area elements, which are fastened directly with hinges PA, must be machined with bore holes C (see table). Door elements of series 6 and 8 can be mounted in such a way that they can be subsequently lifted out or permanently mounted. Hinges right and left can be combined.</p>		
Hinge 6 PA, right 	PA-GF, black Pin, St, galvanised Washer, PA, black m = 13,5 g	SCH6-PA-R	
Hinge 6 PA, left 	PA-GF, black Pin, St, galvanised Washer, PA, black m = 13,5 g	SCH6-PA-L	
Double hinge 8 PA 	PA-GF, black 2 straight pins, St, galvanised 2 washers, PA, black m = 25,0 g	DSCH6-PA	



HINGES PA			
ITEM	Description	Order no.	Drawing
Hinge 8 PA, right			
	PA-GF, black Pin, St, galvanised Washer, PA, black m = 20,5 g	SCH8-PA-R	
Hinge 8 PA, left			
	PA-GF, black Pin, St, galvanised Washer, PA, black m = 20,5 g	SCH8-PA-L	
Double hinge 8 PA			
	PA-GF, black 2 straight pins, St, galvanised 2 washers, PA, black m = 37,5 g	DSCH8-PA	

Fixation
 elements



FIXATION ELEMENTS

HINGES ZN			
ITEM	Description	Order no.	Drawing
	<p>Hinges Zn are universal hinges for flaps and doors with higher loads. Furthermore, profiles can also be connected in any angle. Integrated anti-rotation devices for additional fixing in the groove are available. These can optionally be removed.</p>		
Hinge 6 30 Zn			
	<p>Hinge, die-cast zinc, black powder-coated m = 67,5 g</p>	SCH6-30-ZN	
Hinge 6 30 Zn 6/6			
	<p>Hinge, die-cast zinc, black powder-coated 2 locking devices 6, die-cast zinc, black 2 countersunk screws DIN 7991-M5x14, St, black m = 66,0 g</p>	SCH30-ZN-6/6	
Hinge 6 30 Zn 6/8			
	<p>Hinge, die-cast zinc, black powder-coated 1 locking device 6, die-cast zinc, black 1 locking device 8, die-cast zinc, black 1 countersunk screw DIN 7991-M5x14, St, black 1 countersunk screw DIN 7991-M5x16, St, black m = 66,5 g</p>	SCH30-ZN-6/8	
Hinge 6 30 Zn 8/8			
	<p>Hinge, die-cast zinc, black powder-coated 2 locking devices 8, die-cast zinc, black 2 countersunk screws DIN 7991-M5x16, St, black m = 66,5 g</p>	SCH30-ZN-8/8	



HINGES ZN			
ITEM	Description	Order no.	Drawing
Hinge 8 40 Zn			
	Hinge, die-cast zinc, black powder-coated m = 185,0 g	SCH8-40-ZN	
Hinge 8 40 Zn with clamp lever			
	Hinge, die-cast zinc, black powder-coated Clamp lever, PA-GF, black m = 210,5 g	SCH8-40-ZN-KH	

Fixation elements

HINGES 2D			
ITEM	Description	Order no.	Drawing
<p>Hinges 2D are robust universal hinges for flaps and doors with higher loads. With the supplied adjustment washers the door gap can be individually adjusted within a range of 0-8 mm. Fastening to the profile groove is carried out via T-slots and countersunk screws M6.</p>			
Hinge 2D 76x60 Zn, black adjustable in width			
	Hinge, die-cast zinc, black powder-coated Axle, stainless steel (A2) Load: $F_{max} = 1.200\text{ N}$ Bore hole: 34,0 mm (height) Bore hole: 38-46,0 mm (width) m = 202,0 g	SCH8-2D-B	
Hinge 2D 76x60 Zn, black adjustable in height			
	Hinge, die-cast zinc, black powder-coated Axle, stainless steel (A2) Load: $F_{max} = 1.200\text{ N}$ Bore hole: 42,0 mm (width) Bore hole: variable 34-38,0 mm (height) m = 202,0 g	SCH8-2D-H	



FIXATION ELEMENTS

HEXAGON SOCKETS

ITEM	Description	l	m	Order no.
		[mm]	[g / 100]	
	Button-head screws, hexagon sockets and countersunk screws are available in various diameters, lengths and qualities.			
Hexagon sockets M5x8	DIN 6912 galvanised, property class 8.8	8,0	215,5	ZS5x8
Hexagon sockets M6x16	DIN 6912 galvanised, property class 8.8	16,0	550,0	ZS6x16
Hexagon sockets M8x40	DIN 6912 galvanised, property class 8.8	40,0	1.945,0	ZS8x40

COUNTERSUNK SCREWS

ITEM	Description	l	m	Order no.
		[mm]	[g / 100]	
Countersunk screws M5x8	ISO 7991, St black, natural, property class 10.9	8,0	160,0	SS5x8
Countersunk screws M6x10	ISO 7991, St black, natural, property class 10.9	10,0	275,0	SS6x10
Countersunk screws M6x14	ISO 7991, St black, natural, property class 10.9	14,0	344,0	SS6x14
Countersunk screws M8x14	ISO 7991, St black, natural, property class 10.9	14,0	643,0	SS8x14
Countersunk screws M8x16	ISO 7991, St black, natural, property class 10.9	16,0	710,0	SS8x16

BUTTON-HEAD SCREWS

ITEM	Description	l	m	Order no.
		[mm]	[g / 100]	
Button-head screw M4x6	ISO 7380, St, galvanised, property class 10.9	6,0	93,0	HS4x6
Button-head screw M4x8	ISO 7380, St, galvanised, property class 10.9	8,0	107,5	HS4x8
Button-head screw M4x10	ISO 7380, St, galvanised, property class 10.9	10,0	118,5	HS4x10
Button-head screw M4x12	ISO 7380, St, galvanised, property class 10.9	12,0	137,0	HS4x12
Button-head screw M4x14	ISO 7380, St, galvanised, property class 10.9	14,0	149,0	HS4x14
Button-head screw M4x16	ISO 7380, St, galvanised, property class 10.9	16,0	160,5	HS4x16
Button-head screw M4x20	ISO 7380, St, galvanised, property class 10.9	20,0	198,0	HS4x20
Button-head screw M4x25	ISO 7380, St, galvanised, property class 10.9	25,0	229,5	HS4x25
Button-head screw M5x8	ISO 7380, St, galvanised, property class 10.9	8,0	182,0	HS5x8
Button-head screw M5x10	ISO 7380, St, galvanised, property class 10.9	10,0	208,0	HS5x10
Button-head screw M5x12	ISO 7380, St, galvanised, property class 10.9	12,0	239,5	HS5x12
Button-head screw M5x14	ISO 7380, St, galvanised, property class 10.9	14,0	258,5	HS5x14



BUTTON-HEAD SCREWS

ITEM	Description	l	m	Order no.
		[mm]	[g / 100]	
Button-head screw M5x16	ISO 7380, St, galvanised, property class 10.9	16,0	278,0	HS5x16
Button-head screw M5x20	ISO 7380, St, galvanised, property class 10.9	20,0	338,5	HS5x20
Button-head screw M5x25	ISO 7380, St, galvanised, property class 10.9	25,0	382,5	HS5x25
Button-head screw M5x30	ISO 7380, St, galvanised, property class 10.9	30,0	450,5	HS5x30
Button-head screw M6x10	ISO 7380, St, galvanised, property class 10.9	10,0	289,5	HS6x10
Button-head screw M6x12	ISO 7380, St, galvanised, property class 10.9	12,0	337,5	HS6x12
Button-head screw M6x14	ISO 7380, St, galvanised, property class 10.9	14,0	342,5	HS6x14
Button-head screw M6x16	ISO 7380, St, galvanised, property class 10.9	16,0	390,5	HS6x16
Button-head screw M6x18	ISO 7380, St, galvanised, property class 10.9	18,0	440,0	HS6x18
Button-head screw M6x20	ISO 7380, St, galvanised, property class 10.9	20,0	464,5	HS6x20
Button-head screw M6x25	ISO 7380, St, galvanised, property class 10.9	25,0	543,5	HS6x25
Button-head screw M6x30	ISO 7380, St, galvanised, property class 10.9	30,0	633,0	HS6x30
Button-head screw M6x35	ISO 7380, St, galvanised, property class 10.9	35,0	711,5	HS6x35
Button-head screw M6x40	ISO 7380, St, galvanised, property class 10.9	40,0	861,5	HS6x40
Button-head screw M8x10	ISO 7380, St, galvanised, property class 10.9	10,0	610,5	HS8x10
Button-head screw M8x12	ISO 7380, St, galvanised, property class 10.9	12,0	671,5	HS8x12
Button-head screw M8x14	ISO 7380, St, galvanised, property class 10.9	14,0	743,0	HS8x14
Button-head screw M8x16	ISO 7380, St, galvanised, property class 10.9	16,0	780,0	HS8x16
Button-head screw M8x16	stainless - ISO 7380, St, stainless (A2)	16,0	809,5	HS8x16-R
Button-head screw M8x18	ISO 7380, St, galvanised, property class 10.9	18,0	854,5	HS8x18
Button-head screw M8x20	ISO 7380, St, galvanised, property class 10.9	20,0	917,5	HS8x20
Button-head screw M8x20	with shaft - ISO 7380, St, galvanised, property class 10.9	20,0	955,5	HS8x20-S
Button-head screw M8x20	stainless - ISO 7380, St, stainless (A2)	20,0	922,0	HS8x20-R
Button-head screw M8x25	ISO 7380, St, galvanised, property class 10.9	25,0	1.077,0	HS8x25
Button-head screw M8x30	ISO 7380, St, galvanised, property class 10.9	30,0	1.234,0	HS8x30
Button-head screw M8x30	stainless - ISO 7380, St, stainless (A2)	30,0	1.242,0	HS8x30-R
Button-head screw M8x35	ISO 7380, St, galvanised, property class 10.9	35,0	1.395,5	HS8x35
Button-head screw M8x40	ISO 7380, St, galvanised, property class 10.9	40,0	1.532,0	HS8x40
Button-head screw M8x45	ISO 7380, St, galvanised, property class 10.9	45,0	1.694,0	HS8x45
Button-head screw M8x50	ISO 7380, St, galvanised, property class 10.9	50,0	1.856,0	HS8x50
Button-head screw M8x80	ISO 7380, St, galvanised, property class 10.9	80,0	2.774,5	HS8x80

CONTROL ELEMENTS





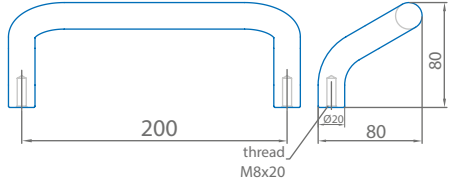

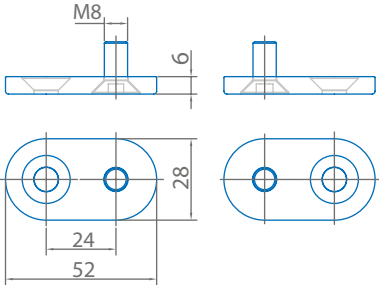

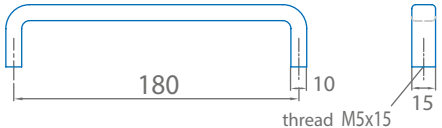




CONTROL ELEMENTS

HANDLES AL			
ITEM	Description	Order no.	Drawing
	Handles are used for operating swing doors, sliding doors and lifting doors. Handles can either be directly screwed on a surface element or they can be attached to the profile frame of a door. The handles can be attached from the front or the rear.		
Handle Al 120 	Material: Al, black coated m = 32,5 g	HG8-AL-120	
Handle Al 120 cranked 	Material: Al, black coated m = 41,0 g	HG8-AL-120-G	
Fastening set for handle Al 120 	2 brackets, die-cast zinc, black coated 2 countersunk screws DIN 7991-M5x10, St, black m = 21,5 g	BSZH8-120	





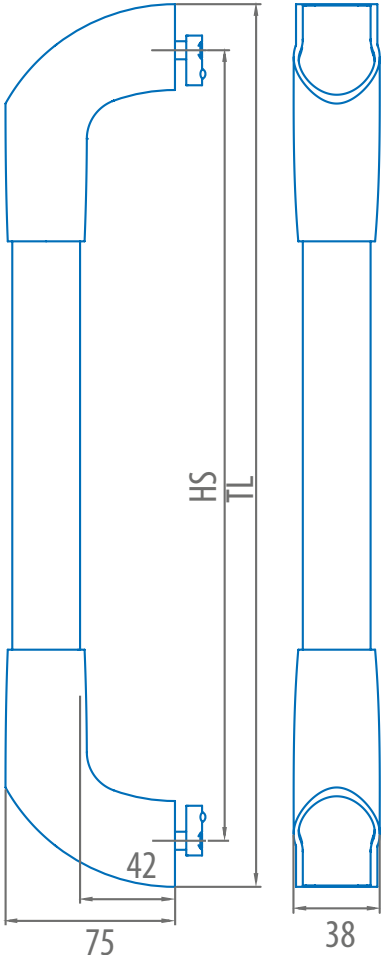




HANDLES AL			
ITEM	Description	Order no.	Drawing
			
Handle Al 200			
	Material: Al, black coated m = 238,0 g	HG8-AL-200	
Handle Al 200 cranked			
	Material: Al, black coated m = 311,5 g	HG8-AL-200-G	
Fastening set for handle Al 200			
	2 brackets, die-cast zinc, black coated 2 countersunk screws DIN 7991-M8x18, St, galvanised m = 96,0 g	BSZH8-200	
Handle light			
	Material: Al, anodized m = 95,0 g	HG8-AL-L	



CONTROL ELEMENTS

SYSTEM HANDLES			
ITEM	Description	Order no.	Drawing
	<p>The system handle 8 Al is a modular handle, which can be individually adapted to length. Optically the anodized handlebar Al - D30 fits very well to the tried-and-tested aluminium modular system. The handle can be screwed from the front with T-slots and screws as well as from the rear with an M8 nut. Individual components or pre-assembled kits in various lengths can be ordered.</p>		
Endpiece for system handle 8 Al, black 	<p>Material: PA, glass ball reinforced Colour: black 1 set = 2 end pieces, d= 30,0 mm m = 49,5 g</p>	ENDST-SYG-8	
Cap set for system handle 8 Al, black 	<p>Material: PA, glass ball reinforced Colour: black 1 set = 2 caps m = 20,3 g</p>	AK-SYG-8	
Handlebar for system handle 8 Al - D30, anodised 	<p>Material: Al, anodised d = 30 mm, t = 1 mm Saw cut: type B Cut max.: 2.000 mm m = 245,0 g/m</p>	GS-D30-AL-SYG	



SYSTEM HANDLES			
ITEM	Description	Order no.	Drawing
			
 <p>System handle 8 Al - 300</p>	2 end pieces for system handle 2 caps for system handle 2 T-slots 8 St M8, galvanised 2 button-head screws M8x20, galvanised Handlebar Al, d = 30 mm (L = 170,0 mm) Hole separation: 300,0 mm Total length: 340,8 mm m = 153,0 g	SYG-8-300	
 <p>System handle 8 Al - 350</p>	2 end pieces for system handle 2 caps for system handle 2 T-slots 8 St M8, galvanised 2 button-head screws M8x20, galvanised Handlebar Al, d = 30,0 mm (L = 220,0 mm) Hole separation: 350,0 mm Total length: 390,8 mm m = 166,0 g	SYG-8-350	
 <p>System handle 8 Al - 400</p>	2 end pieces for system handle 2 caps for system handle 2 T-slots 8 St M8, galvanised 2 button-head screws M8x20, galvanised Handlebar Al, d = 30,0 mm (L = 270,0 mm) Hole separation: 400,0 mm Total length: 440,8 mm m = 179,0 g	SYG-8-400	
 <p>System handle 8 Al - 500</p>	2 end pieces for system handle 2 caps for system handle 2 T-slots 8 St M8, galvanised 2 button-head screws M8x20, galvanised Handlebar Al, d = 30,0 mm (L = 370,0 mm) Hole separation: 500,0 mm Total length: 540,8 mm m = 205,0 g	SYG-8-500	
 <p>System handle 8 Al - 750</p>	2 end pieces for system handle 2 caps for system handle 2 T-slots 8 St M8, galvanised 2 button-head screws M8x20, galvanised Handlebar Al, d = 30,0 mm (L = 620,0 mm) Hole separation: 750,0 mm Total length: 790,8 mm m = 270,0 g	SYG-8-750	

Control elements



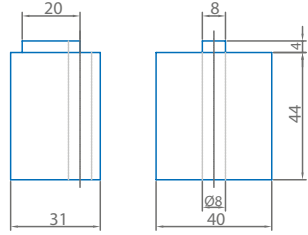


CONTROL ELEMENTS



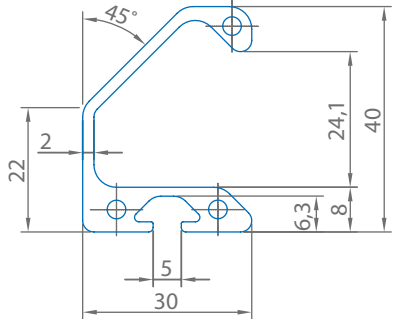

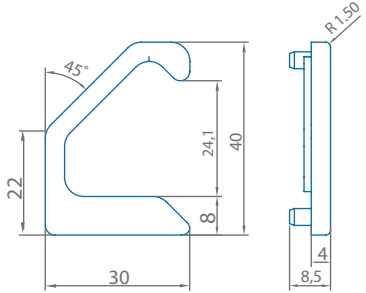
HANDLES PA			
ITEM	Description	Order no.	Drawing
	<p>Handles PA can be very quickly and easily attached from the front or the rear. They are especially well-suited for sliding and swing doors. The cap for the handle fills the cavity inside the handle. This makes use of the handle more ergonomic. After the handle has been attached, the cap is simply clipped on.</p>		
Handle PA 80 	<p>Material: PA-GF Colour: black m = 9,0 g</p>	HG8-PA-80	
Handle PA 120 	<p>Material: PA-GF Colour: black m = 33,5 g</p>	HG8-PA-120	
Handle PA 160 	<p>Material: PA-GF Colour: black m = 105, 0 g</p>	HG8-PA-160	
Cap handle PA 120 	<p>Material: PA-GF Colour: black m = 6,5 g</p>	HGK8-PA-120	
Cap handle PA 160 	<p>Material: PA-GF Colour: black m = 20,5 g</p>	HGK8-PA-160	



HAND-GRIP ELEMENT

ITEM	Description	Order no.	Drawing
	Hand-grip elements are well-suited for constructing handles. Profile 8 40x16 E is especially suitable, the length of the handle can be freely selected.		
Hand-grip element 8 PA, black			
	Material: PA-GF Colour: black m = 26,0 g	SE-8	

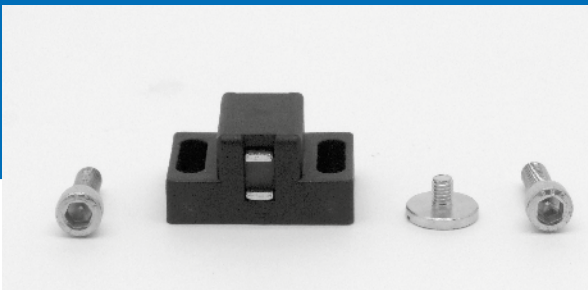
GRIP RAIL PROFILE



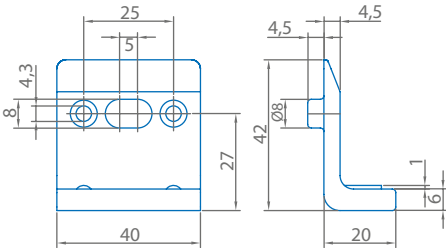
ITEM	Description	Order no.	Drawing
	Grip rail profiles are used for swing and sliding doors or drawers and pull-outs. When attaching surface elements, the grip rail profile provides additional stability.		
Grip rail profile			
	Material: Al, anodised Saw cut: type A Saw cut max.: 6.000 mm 1 rod á 3.000 mm / 6.000 mm m = 0,76 kg/m	P-GL	
Grip rail cap set, black			
	Grip rail cap right / left Material: PA-GF Colour: black m = 3,5 g	GLAKSZ	



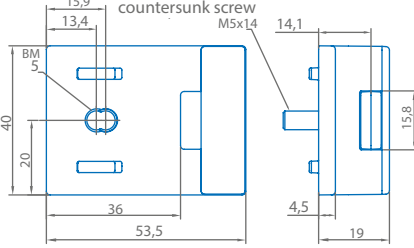




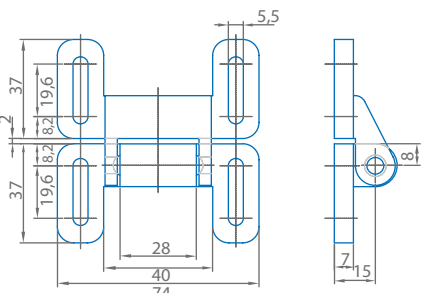
CONTROL ELEMENTS

CATCHES			
ITEM	Description	Order no.	Drawing
	Catches are preferably suitable for locking hinged and sliding doors. The closures can be connected to different thickness of surface elements.		
Magnetic catch 5 	Housing, PA-GF, black Flat-head screw DIN 921-M4x5, St, galvanised as retaining plate m = 9,0 g	MV5-PA	
Magnetic catch 8 	Housing, PA-GF, black Flat-head screw DIN 921-M5x6, St, galvanised as retaining plate m = 45,5 g	MV8-PA	
Ball latch 8 PA 	Housing, PA-GF, black Ball studs, St, galvanised Load: $F_{max} = 75,0\text{ N}$ m = 24,0 g	KSCH8-PA	
CATCH MOUNTING BRACKET			
ITEM	Description	Order no.	Drawing
	The catch mounting bracket serves as a mounting bracket for the additionally offered magnetic catch 8 or the ball latch 8 PA. It can be fixed to the profile groove with screws and T-Slots.		
Catch mounting bracket, black 	Material: St, black powder-coated m = 83,5 g	SCHBW	



ANGLE STOP			
ITEM	Description	Order no.	Drawing
	The angle stop is attached to the door frame and forms an abutting wedge and a limit stop. For the door stop, a door crack of 4,5 mm is to be provided.		
Angle stop 8, black			
	2 door stops, PA-GF, black 4 hexagon sockets DIN 6912-M4x12 St, galvanised 4 T-slots 8 St M4, galvanised m = 76,0 g	AW-8	

DOOR STOP			
ITEM	Description	Order no.	Drawing
	The door stop 8 is a flexible plastic door stop. It is attached to the door frame and at the same time forms an impact wedge and a damped end stop. The immersion depth is limited to 40,0 mm. A door gap of 4,5 mm must be provided at the door stop. The attachment to the profile slot 8 is carried out by a T-slot 8 St M5.		
Door stop 8, black			
	Housing, PA6, black EPDM rubber, black m = 25,0 g	TS8	

DOUBLE BALL LATCH PA			
ITEM	Description	Order no.	Drawing
	Double ball latch are preferably suitable for locking hinged and sliding doors. The slotted holes allow an easy installation. Screws and T-slots size M5 are required for fastening.		
Double ball latch PA			
	Housing, PA-GF, black Ball, stainless steel (A2) Bush, St, galvanised m = 38,0 g	DKSCH	



CONTROL ELEMENTS

DOOR LATCH			
ITEM	Description	Order no.	Drawing
	Door latches Zn can be attached to profile grooves of series 6 and 8. Hexagon sockets DIN 912-M6 are used as locking bolts. The screw length of the locking bolt is influenced by the groove width and the door gap and must be adjusted accordingly.		
Door latch Zn			
	Latch, die-cast zinc, galvanised Cover, PA-GF, black 2x countersunk screw M4x16, St, galvanised m = 49,0 g	TSCH8-ZN	

DOOR LOCKS			
ITEM	Description	Order no.	Drawing
	The door lock is a system that is screwed on door frames and frames. An integrated lock enables the locking of the lock latch. A door gap of 1-3 mm must be provided for installation. Two fixing holes at a distance of 56,0 mm are required for fixing to the profile groove. The door lock is screwed from the rear.		
Door lock 6/8 Zn			
	Cylinder lock with simultaneous locking Lock housing, die-cast zinc, black Lock case, die-cast zinc, black 4 flange nuts M6, St, galvanised 2 keys m = 581,0 g	FV-8	
	The door lock compact is a lock system that is screwed onto door frames and frames. An integrated lock enables locking the lock latch. A door gap of 1-3 mm must be required for installation. Fixing to the profile groove can be done without drilling or other mechanical processing. The door lock compact is bolted from the front using screws and T-slots. Via plugged on cover caps the door lock compact is compactly secured against disassembly when closed.		
Door lock compact			
	Cylinder lock with simultaneous locking Lock housing, die-cast aluminium, black Lock case, die-cast aluminium, black Caps PA-GF, black 2 keys m = 246,0 g	FV-8-KOM	

PANEL ELEMENTS





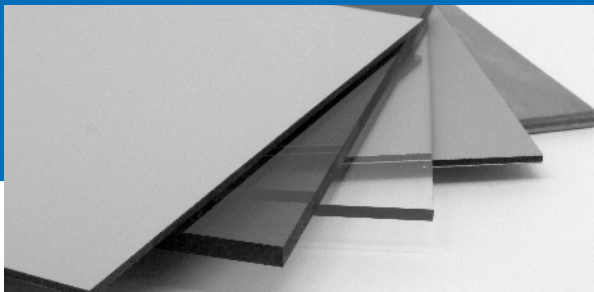
PANEL ELEMENTS

ACRYLIC GLASS

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Acrylic glass has a wear-resistant surface and is well-suited for doors and cladding.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Acrylic glass 2 mm clear	PMMA clear	2,0 +/- 10%	2,30	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-2-K
Acrylic glass 3 mm clear	PMMA clear	3,0 +/- 10%	3,50	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-3-K
Acrylic glass 4 mm clear	PMMA clear	4,0 +/- 10%	4,70	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-4-K
Acrylic glass 5 mm clear	PMMA clear	5,0 +/- 10%	5,90	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-5-K
Acrylic glass 6 mm clear	PMMA clear	6,0 +/- 10%	7,10	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-6-K
Acrylic glass 8 mm clear	PMMA clear	8,0 +/- 10%	9,40	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-8-K

PET-G

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
PET-G is an impact-resistant, clear plastic for the construction of machine housings. The material is suitable for indoor and outdoor use.							
		[mm]	[kg/m ²]	[mm]	[mm]		
PET-G 3 mm clear	clear	3,0 +/- 4%	3,85	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-3-K
PET-G 4 mm clear	clear	4,0 +/- 4%	5,12	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-4-K
PET-G 5 mm clear	clear	5,0 +/- 4%	6,40	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-5-K
PET-G 6 mm clear	clear	6,0 +/- 4%	7,70	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-6-K
PET-G 8 mm clear	clear	8,0 +/- 4%	10,26	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-8-K



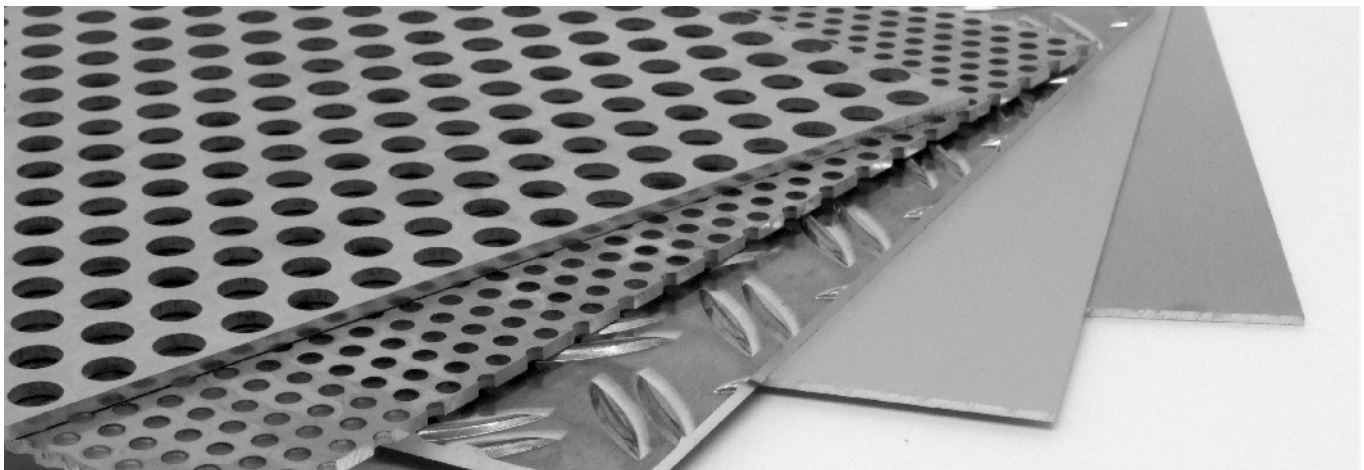
POLYCARBONATE							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Polycarbonate is particularly impact-resistant and unbreakable. It is mainly used for protective coverings.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Polycarbonate 2 mm clear	PC clear	2,0 +/- 5%	2,40	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-2-K
Polycarbonate 4 mm clear	PC clear	4,0 +/- 5%	4,80	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-4-K
Polycarbonate 5 mm clear	PC clear	5,0 +/- 5%	6,00	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-5-K
Polycarbonate 5 mm smoke-coloured	PC smoke-coloured	5,0 +/- 5%	6,00	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-5-RF
Polycarbonate 6 mm clear	PC clear	6,0 +/- 5%	7,20	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-6-K
Polycarbonate 8 mm clear	PC clear	8,0 +/- 5%	9,60	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-8-K
Polycarbonate 8 mm smoke-coloured	PC smoke-coloured	8,0 +/- 5%	9,60	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-8-RF
Polycarbonate 10 mm clear	PC clear	10,0 +/- 5%	12,0	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-10-K

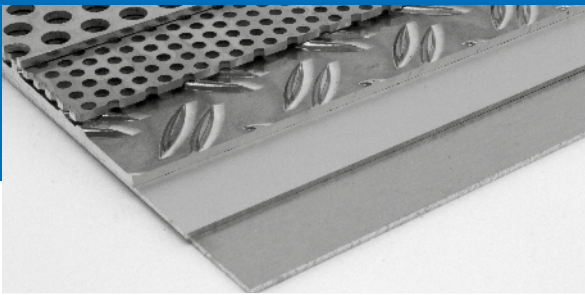


PANEL ELEMENTS

SHEETS AL							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Sheets Al are suitable for all types of machine cladding or shelves. A protective film on both sides prevents scratching of the sheets.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Sheet Al 2 mm natural	AlMg3 natural	2,0	5,40	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-2
Sheet Al 2 mm anodised	AlMg3 anodised	2,0	5,40	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-2-ELOX
Sheet Al 3 mm natural	AlMg3 natural	3,0	8,10	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-3
Sheet Al 4 mm natural	AlMg3 natural	4,0	10,8	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-4

PERFORATED SHEETS							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Perforated sheets are well-suited as a surface element for machine enclosures permeable to air. We can deliver different degrees of material wire gauge and hole diameters.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Perforated sheet Al 2 mm cold rolled Rv 3-5	AlMg3 natural / coated	2,0	3,20	2.000 x 1.000	1.970 x 970	DL-S-FE	FE-LB-AL-2-BL-RV3-5
	Natural (not degreased) or coated; hole diameter = 3,0 mm in staggered rows.						
Perforated sheet Al 3 mm cold rolled Rv 5-8	AlMg3 natural / coated	3,0	5,10	2.500 x 1.250	2.470 x 1.220	DL-S-FE	FE-LB-AL-3-BL-RV5-8
	Natural (not degreased) or coated; hole diameter = 5,0 mm in staggered rows.						
Perforated sheet Al 3 mm cold rolled Rv 10-15	AlMg3 natural / coated	3,0	4,80	2.500 x 1.250	2.470 x 1.220	DL-S-FE	FE-LB-AL-3-BL-RV10-15
	Natural (not degreased) or coated; Hole diameter = 10 mm in offset rows; DIN 24041; remaining surface element approx. 60%						





CHEQUER SHEET

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Aluminium chequered sheets are used for accessible platforms and treads.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Chequered sheet Al 5 mm knurl "Duett" DIN EN 1386	AlMg3 natural not degreased	3,5	9,90	2.500 x 1.250	2.470 x 1.220	DL-S-FE	FE-RB-AL-5

COMPOUND MATERIAL

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Plastic coated on both sides with aluminium (anodised). Suitable for doors and cladding. A protective film applied on both sides prevents the scratching of the compound material.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Compound material 4 mm Al-PE compound	natural-coloured anodised	4,0	5,80	3.000 x 1.500	2.970 x 1.470	DL-S-FE	FE-VM-4-CO

PLASTICS

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Synthetic resin-impregnated cellulose with scratch-resistant coating for heavy-duty work surfaces and coverings. Other colours and thicknesses available on request.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Plastic 4 mm	grey similar to RAL 7035	4,0	5,70	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-4-GRAU
Plastic 4 mm	dark blue similar to RAL 5010	4,0	5,70	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-4-DBLAU
Plastic 5 mm	grey similar to RAL 7035	5,0	7,15	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-5-GRAU
Plastic 6 mm	grey similar to RAL 7035	6,0	8,50	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-6-GRAU
Plastic 8 mm	grey similar to RAL 7035	8,0	11,40	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-8-GRAU
Plastic 10 mm	grey similar to RAL 7035	10,0	14,30	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-10-GRAU



PANEL ELEMENTS


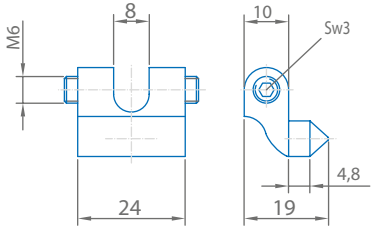

PLASTICS ESA							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Electrostatically conductive all-plastic panel made of cellulose impregnated with synthetic resin with scratch-resistant coating for heavy-duty work surfaces and disguises. The panels meet EPA requirements.						
		[mm]	[kg/m ²]	[mm]	[mm]		
Plastic ESA 4 mm	grey similar to RAL 7035	4,0	5,7	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-ESA-V-4-GRAU
Plastic ESA 10 mm	grey similar to RAL 7035	10,0	14,6	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-ESA-V-10-GRAU
Plastic ESA 16 mm	grey similar to RAL 7035	16,0	23,4	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-ESA-V-16-GRAU

CORRUGATED MESH AL							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Corrugated mesh Al (natural surface) are suitable for partitions and protective cladding. They are often used in conjunction with clamping profiles. If the use of a mesh in combination with a standard series 8 profile is planned, a terminal block for corrugated mesh can be used as a safety measure. Mesh size: 30,0 mm; minimum width of one blank: 150,0 mm. Note: Double the wire thickness should be used as installation dimension (thickness).						
		[mm]	[kg/m ²]	[mm]	[mm]		
Corrugated mesh Al 3 mm 30x30	Al natural	3,0	1,60	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-AL3-30x30
Corrugated mesh Al 4 mm 30x30	Al natural	4,0	2,10	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-AL4-30x30

CORRUGATED MESH ST							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Corrugated mesh St (galvanised surface) are suitable for partitions and protective cladding. They are often used in conjunction with clamping profiles. Provided the use of a mesh in combination with a standard series 8 profile is planned, a terminal block for corrugated mesh can be used for securing. in this way. Minimum width of a cut: 150,0 mm. Note: The installation dimension (thickness) is double the wire thickness.						
		[mm]	[kg/m ²]	[mm]	[mm]		
Corrugated mesh St 4 mm 30x30	St galvanised	4,0	4,90	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-ST4-30x30
Corrugated mesh St 4 mm 40x40	St galvanised	4,0	4,60	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-ST4-40x40



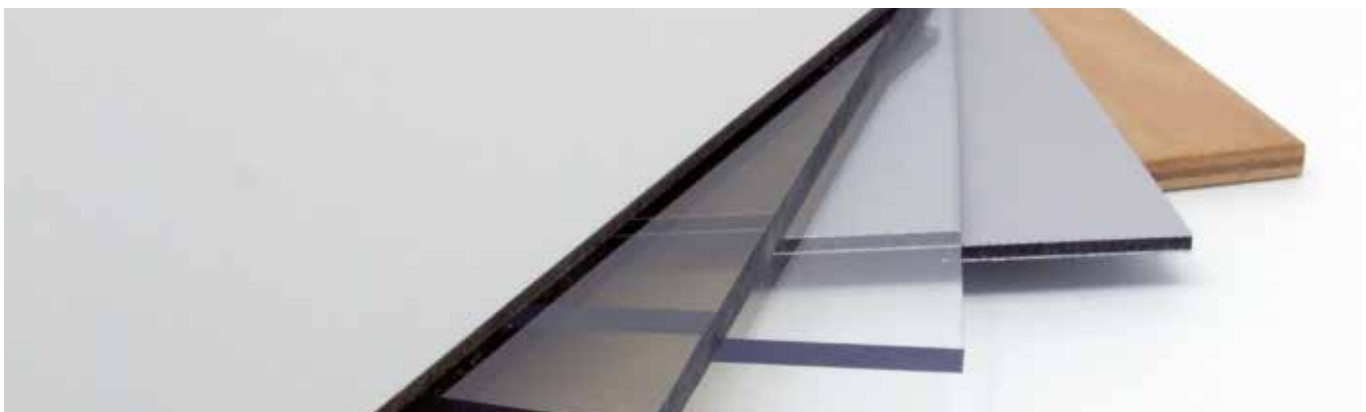
CLAMP BLOCK FOR CORRUGATED MESH

ITEM	Description	Order no.	Drawing
	Grid elements can be fixated and clamped into a standard groove 8 using a clamp block for corrugated mesh. It is recommended to use a clamp block every 400,0 mm.		
Clamp block 8 for corrugated mesh		KB8-WG	
	Material: die-cast zinc, galvanised 2 grub screws M6x12, St, galvanised m = 21,5 g		

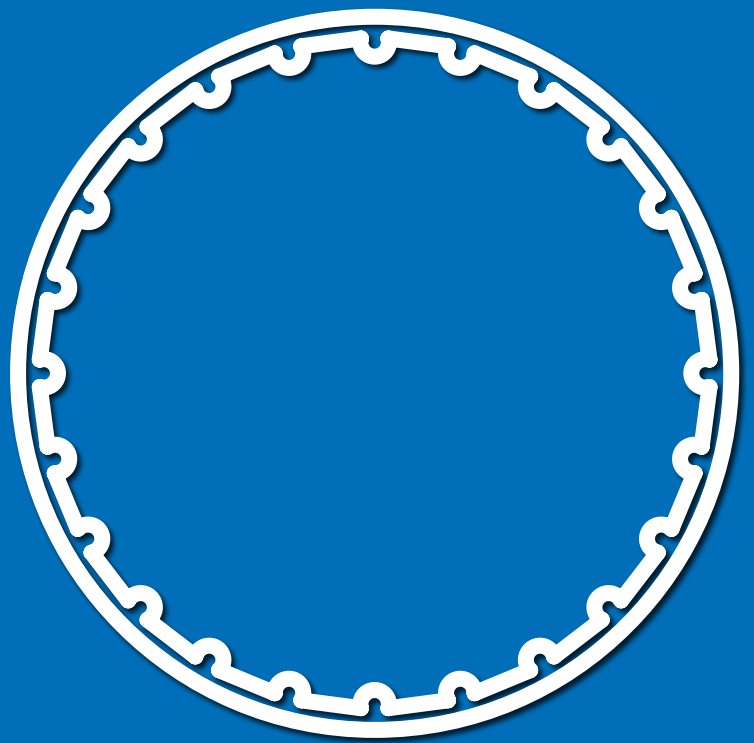
BEECH MULTIPLEX

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Multiplex panels are used as surface elements for the construction of shelves, tables and other operating equipment. In particular, they are available as robust worktops. Wood is a natural product. The veneer of a board may differ in grain and colour. Lacquering of plates occurs after cutting (lacquered edges). Connection processing such as cut-outs or radii are available on request.						
		[mm]	[kg/m ²]	[mm]	[mm]		
Beech multiplex 8 mm lacquered	Beech lacquered	8,0	5,9	2.500 x 1.300	2.470 x 1.270	DL-S-FE-MP8-10	FE-B-MP-8
Beech multiplex 20 mm lacquered	Beech lacquered	20,0	14,7	2.500 x 1.300	2.470 x 1.270	DL-S-FE-MP12-30	FE-B-MP-20
Beech multiplex 30 mm lacquered	Beech lacquered	30,0	22,1	2.500 x 1.300	2.470 x 1.270	DL-S-FE-MP12-30	FE-B-MP-30

Panel elements



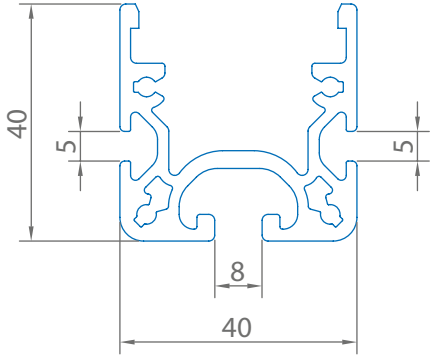


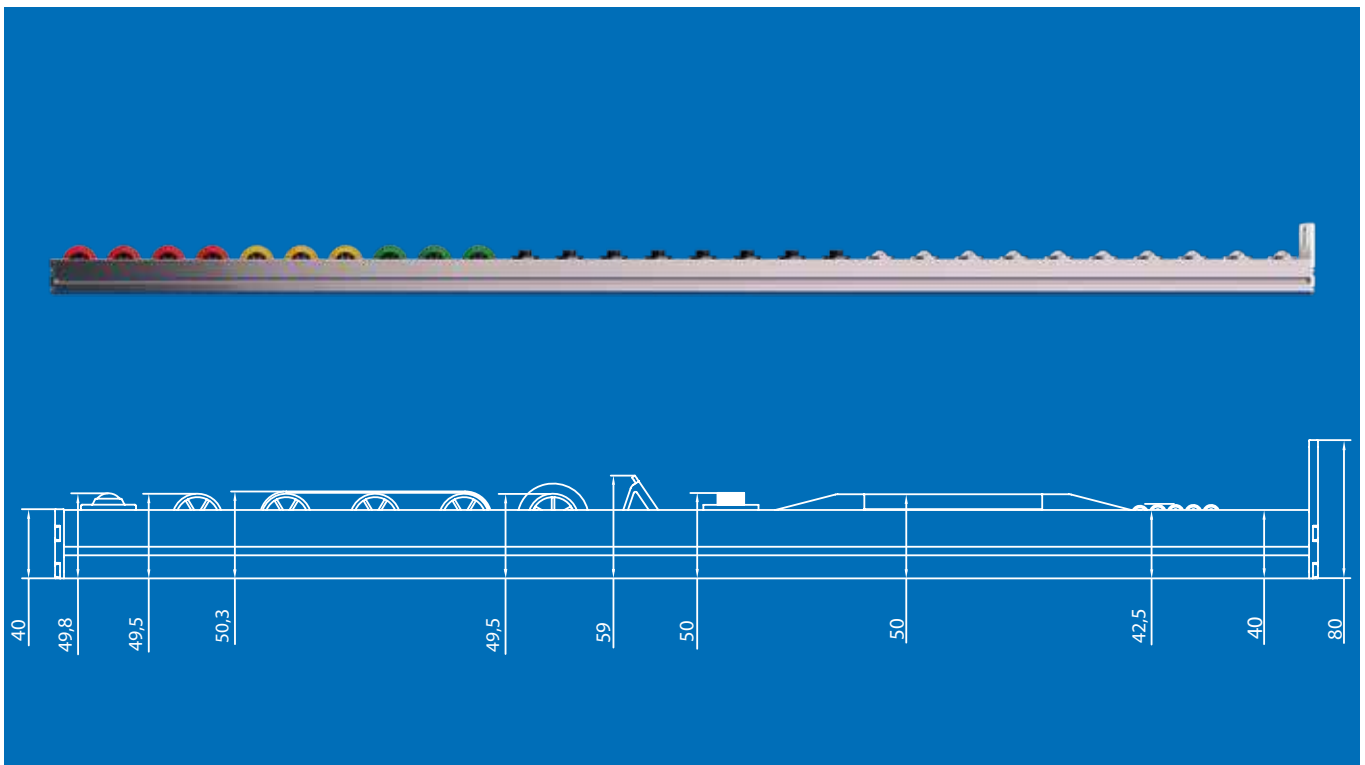
SPECIAL ELEMENTS







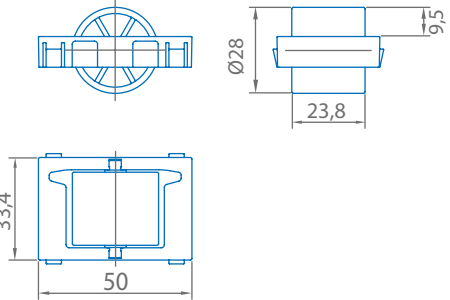




SPECIAL ELEMENTS

CASTOR CONVEYORS			
ITEM	Description	Order no.	Drawing
	<p>Castor conveyor 8 is a flexible castor rail, especially designed for manual workpiece transportation. It can also be used for feeding small parts containers to assembly workplaces. For this, castor inserts of different colours allow for a visualisation of different fill levels. The castor rail can be simply attached and adjusted using grooves 5 and 8. The castor inserts are available as cylindrical castor D28, cylindrical castor D28 with flanged wheel and 5 x cylindrical castor D9. The black castor inserts are also available in a conductive version (ESD-compliant). In addition, ball castors and brush inserts allow for movement in two dimensions - even transverse to the rail direction. Cover plates safely finish the end of the castor rail 8 40x40 and allow for a defined limit stop.</p>		
<p>Castor rail 8 40x40, anodised</p> 	<p>Material: Al Surface: anodised Saw cut: type B Cut max.: 6.000 mm Rods: 3.000 / 6.000 mm m = 1,28 kg/m</p>	<p>RS8-40x40</p>	





CASTOR INSERTS

ITEM	Description	Order no.	Drawing
	Castor insert D28 with cylindrical roller suitable for castor rail 8 40x40.		
Castor insert D28, black 	Material: PA6-GF30 Castor colour: black Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 18,1 g	RE-D28-S	
Castor insert D28, red 	Material: PA6-GF30 Castor colour: red similar to RAL 3020 Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 18,1 g	RE-D28-R	
Castor insert D28, green 	Material: PA6-GF30 Castor colour: green similar to RAL 6032 Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 18,1 g	RE-D28-GR	
Castor insert D28, yellow 	Material: PA6-GF30 Castor colour: yellow similar to RAL 1003 Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 18,1 g	RE-D28-GE	
Castor insert D28 - ESD, black 	Material: PA6-GF30 Roll colour: black Housing colour: black Fitting length: 50,0 mm Load max.: 125 N m = 18,1 g	RE-D28-ESD-S	





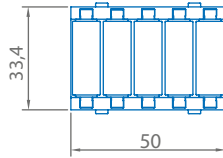


SPECIAL ELEMENTS

CASTOR INSERTS			
ITEM	Description	Order no.	Drawing
	Castor insert D28 with flange suitable for castor rail 8 40x40.		
Castor insert D28 with flange, black 	Material: PA6-GF30 Castor colour: black Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 19,6 g	RE-D28-BK-S	
Castor insert D28 with flange, red 	Material: PA6-GF30 Castor colour: red similar to RAL 3020 Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 19,6 g	RE-D28-BK-R	
Castor insert D28 with flange, green 	Material: PA6-GF30 Castor colour: green similar to RAL 6032 Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 19,6 g	RE-D28-BK-GR	
Castor insert D28 with flange, yellow 	Material: PA6-GF30 Castor colour: yellow similar to RAL 1003 Housing colour: black Fitting length: 50,0 mm Load max.: 150 N m = 19,6 g	RE-D28-BK-GE	
Castor insert D28 with flange - ESD, black 	Material: PA6-GF30 Castor colour: black Housing colour: black Fitting length: 50,0 mm Load max.: 125 N m = 19,6 g	RE-D28-BK-ESD-S	





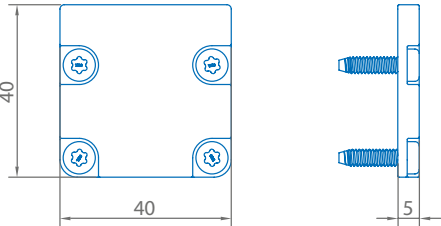

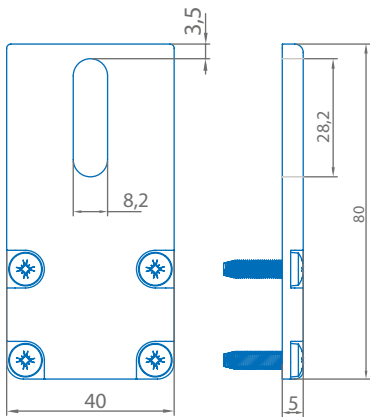


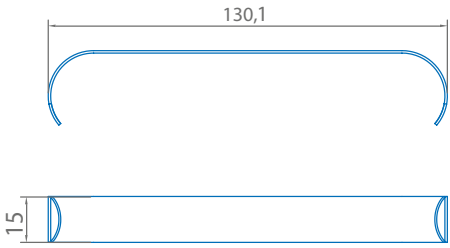
CASTOR INSERTS

ITEM	Description	Order no.	Drawing
	<p>Castor insert D9 with 5x cylindrical rollers $D = 9,0$ mm in black, suitable for castor rail 8 40x40. 10,0 mm minimum roller spacing prevents the immersion of workpieces or containers into the roller gap. Due to the reduced point load, it is particularly suitable for very soft cardboard boxes and coarsely structured crate bottoms.</p>		
<p>Castor insert D9, black</p> 	<p>Material: PA6-GF30 Castor colour: black Housing colour: black Fitting length: 50,0 mm Load max.: 100 N $m = 29,5$ g</p>	RE-D9-S	
<p>Castor insert D9 ESD, black</p> 	<p>Roller insert D9 ESD, black Material: PA6.6-CF15, electrostatic Castor colour: black Housing colour: black Fitting length: 50,0 mm Load max.: 80 N $m = 29,5$ g</p>	RE-D9-ESD-S	





SPECIAL ELEMENTS

COVER PLATES			
ITEM	Description	Order no.	Drawing
	Suitable cover plate for the castor rail 8 40x40. The self-drilling screws allow easy attachment to the aluminium profile.		
Castor rail 8, cover plate 40x40x5, galvanised 	Material, St, galvanised Including mounting set 4x self-drilling screws, galvanised m = 65,5 g	RS8-AP-40x40	
Castor rail 8, cover plate 80x40x5, galvanised 	Material: St, galvanised Including mounting set 4x self-drilling screws, galvanised m = 118,5 g	RS8-AP-80x40	
BRAKE			
ITEM	Description	Order no.	Drawing
	The brake can be mounted on the castor inserts D28 (50 mm pitch) and stops workpieces or containers at a defined position.		
Castor rail 8 40x40, brake 	Material: stainless steel (A2) Brake for castor D28 - 50,0 mm pitch m = 19,5 g	RS8-BR	



SLIDE STRIP ESD						
ITEM	Description	Saw cut	Cut max. [mm]	Rods [mm]	Order no.	Drawing
	ESD-compliant plastic slide strip suitable for castor rail 8 40x40. The slide strip can be inserted into the roller rail at two different heights and is used for simple transport of goods. In addition, the strip is made of conductive plastic and prevents electrostatic charging.					
	Castor rail 8 40x40, slide strip ESD, black Material: PE-HD Permanently conductive Colour: black m = 167,0 g/m	B	2.000	2.000	RS8-GL-ESD	

SLIDE WEDGES			
ITEM	Description	Order no.	Drawing
	The slide wedge ensures a smooth transition between different heights. It can be combined with slide strips as well as with castor, brush and ball castor inserts.		
	Slide wedge, black Material: PA6-GF30 Colour: black Fitting length: 50,0 mm m = 16,0 g	GKE-S	
	Slide wedge ESD, black Material: PA6.6-CF15 Electrostatically conductive Colour: black Fitting length: 50,0 mm m = 16,0 g	GKE-ESD-S	

Special elements




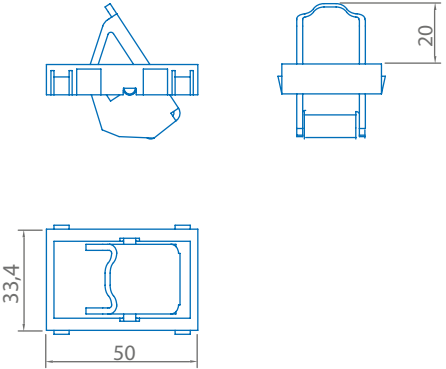

SPECIAL ELEMENTS

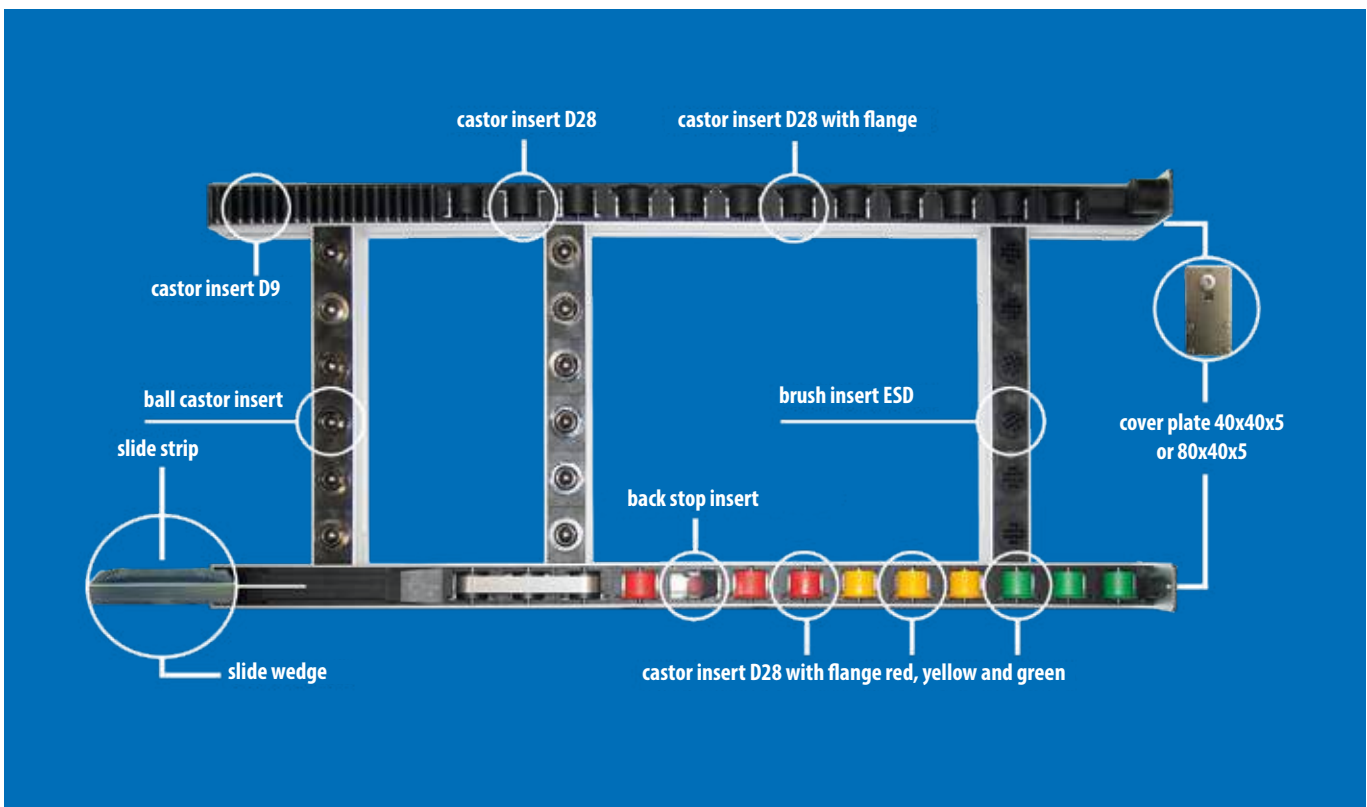
BRUSH INSERT ESD			
ITEM	Description	Order no.	Drawing
	<p>The pre-assembled brush insert ESD (electrostatically conductive) is equipped with elastic brush fibres. These allow a gentle gliding scratch-sensitive objects in two dimensions.</p>		
Brush insert ESD, black	<p>Housing material: PA6.6-CF15 Electrostatically conductive Brush material: PA, ESD Brush colour: black Fibre length: 7,0 mm Fibre diameter: 0,40 mm Housing colour: black Fitting length: 50,0 mm m = 16,0 g</p>	BE-ESD-S	
Brush insert ESD, black			

BALL CASTOR INSERT ESD			
ITEM	Description	Order no.	Drawing
	<p>The pre-assembled ball castor insert ESD (electrostatically dissipative) has a low-wear and low-friction ball transfer unit D = 16,0 mm. It enables the flexible movement in two dimensions, e.g. in switches or locks.</p>		
Ball castor insert D16 ESD, black	<p>Housing material: PA6.6-CF15 Electrostatically conductive Material ball: stainless steel Material: Ball housing: St Surface: galvanised Housing colour: black Fitting length: 50,0 mm m = 72,5 g</p>	KRE-ESD-S	
Ball castor insert D16 ESD, black			



BACKSTOP INSERT ESD

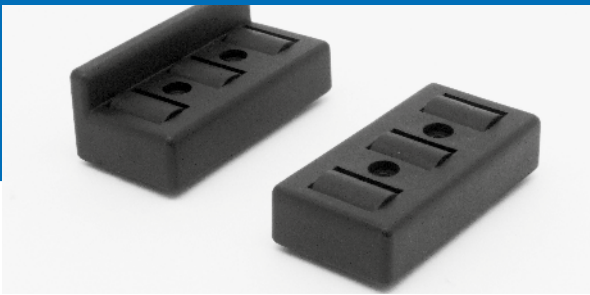
ITEM	Description	Order no.	Drawing
	The pre-assembled backstop insert ESD (electrostatically conductive) suitable for castor rail 8 40x40 prevents the backward movement of transport goods.		
Backstop insert ESD, black	<p>Housing material: PA6.6-CF15 Electrostatically conductive Backstop material: St Surface: galvanised Axle material: St, galvanised Housing colour: black Fitting length: 50,0 mm m = 42,5 g</p>	RSE-ESD-S	
			



Special elements



CASTORS			
ITEM	Description	Order no.	Drawing
	<p>Variable castors for guiding in the profile groove. The castors have low rolling resistance and good sliding properties.</p>		
Castor 5			
	<p>Castor, POM, black Bearing hub, St, black Washer DIN 125-5,3, St, black m = 4,0 g</p>	<p>R5-POM</p>	
Castor 6			
	<p>Castor, POM, black Bearing hub, St, black Washer DIN 125-6,4, St, black m = 15,0 g</p>	<p>R6-POM</p>	
Castor 8			
	<p>Castor, PA-GF, black 2 deep groove ball bearings, sealed m = 31,0 g</p>	<p>R8-PA</p>	



ROLLER ELEMENTS			
ITEM	Description	Order no.	Drawing
	<p>Roller elements are used for the construction of roller conveyors. 2 cylinder screws M5x25 are supplied for mounting. When the screws are screwed in, the roller elements are automatically fixed in the profile groove. Maximum load 50 N per element.</p>		
<p>Roller element 8 80</p>	<p>Lid element, PA-GF, black Basic element, PA-GF, black 3 castors, POM, black m = 42,5 g</p>	<p>RE8</p>	
<p>Roller element 8 80 with flange</p>	<p>Lid element with flange, PA-GF, black Basic element, PA-GF, black 3 castors, POM, black m = 53,5 g</p>	<p>RE8-BK</p>	

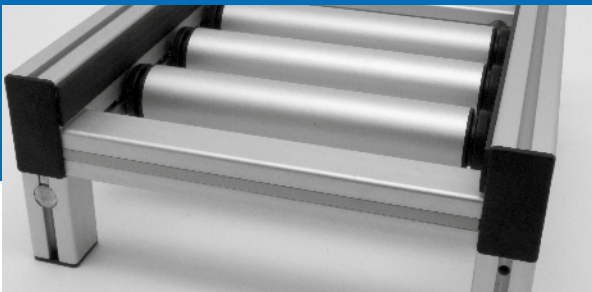
Special elements



SPECIAL ELEMENTS

SLIDE STRIPS			
ITEM	Description	Order no.	Drawing
	<p>The slide strip is suitable as stop bumper or glide bar for goods, small parts containers or workpiece carriers. The rails are clipped directly into the profile groove and are self-locking.</p>		
<p>Slide strip 5 antistatic, black</p>	<p>Material: PE-UHMW Colour: black Saw cut: type A Cut max.: 2.000 mm Rods: 2.000 mm m = 57,0 g/m</p>	GL-5	
<p>Slide strip 8, black</p>	<p>Material: PE Colour: black Saw cut: type A Cut max.: 2.000 mm Rods: 2.000 mm m = 130,0 g/m</p>	GL-8	
<p>Slide strip 8 ESD</p>	<p>Material: HD-PE Permanently conductive Colour: black Saw cut: type A Cut max.: 2.000 mm Rods: 2.000 mm m = 130,0 g/m</p>	GL-8-ESD	

SLIDING GUIDE STRIP			
ITEM	Description	Order no.	Drawing
	<p>Sliding guide strips allow the construction of sliding guides with the help of the profile groove. They can be mounted on the moving profile as well as on the fixed profile. The frame can be fixed with grub screws. An offset of 2,0 mm prevents the components from colliding.</p>		
<p>Sliding guide strip 8/8e, black</p>	<p>Material: PE-UHMW Colour: black Saw cut: type A Cut max.: 2.000 mm Rods: 2.000 mm m = 260,0 g/m</p>	GFL-8/8-E	



TRANSPORT CASTOR

ITEM	Description	Order no.	Drawing
	Universal transport castors as solution for different transport tasks. The bearing sets have spring-loaded fastening spigots and can be inserted and screwed into existing constructions at a later time. The axial position of the castor is determined using two mounting pieces. Capacity max. 1.000 N per castor. The bearing sets are pressed onto the pipe D 50 Al. An upright drilling machine is recommended so that the bearing journal is not strained during pressing.		
Transport castor TR50, bearing set			
	2 bearing flanges, PA-GF, black Ball bearing mounted Bolt, St, galvanised 2 fixing pieces, PA-GF, black m = 250,0 g	TR-50-LS	

TUBE

ITEM	A	m	W _x	W _y	I _x	I _y	I _t	Saw cut	Cut max.	Rods	Drawing
	[cm ²]	[kg/m]	[cm ³]	[cm ³]	[cm ⁴]	[cm ⁴]	[cm ⁴]	[type]	[mm]	[mm]	
	The tube D50 Al is suitable as a base body for universal transport rollers. Matching the tube D50 Al, the bearing set for the transport castor TR50 is offered. The bearing sets are pressed onto the tube.										

Tube D50 Al

	3,07	0,76	3,26	3,26	8,14	8,14	Al anodised	B	6.000	3.000 6.000	
Order no.	R50-AL										



SPECIAL ELEMENTS

IMPACT BUFFERS			
ITEM	Description	Order no.	Drawing
	Impact buffers are used for absorbing shocks and are available in various sizes.		
Impact buffer M4 D15x15 	Material: NBR, black Hardness: 55 Sh A Steel insert, St m = 7,0 g	AP-M4-D15x15	
Impact buffer M6 D20x15 	Material: NBR, black Hardness: 55 Sh A Steel insert, St m = 12,0 g	AP-M6-D20x15	
Impact buffer M8 D30x30 	Material: NBR, black Hardness: 55 Sh A Steel insert, St m = 34,5 g	AP-M8-D30x30	



PARABOLIC BUFFERS			
ITEM	Description	Order no.	Drawing
	Parabolic buffers are used for damping shocks and are available in various sizes.		
Parabolic buffer M8 D30x36	<p>Material: NBR, black Hardness: 55 Sh A Steel insert, St m = 25,0 g</p>	PF-M8-D30x36	
Parabolic buffer M10 D50x58			
Parabolic buffer M12 D75x89	<p>Material: NBR, black Hardness: 55 Sh A Steel insert, St m = 317,5 g</p>	PF-M12-D75x89	

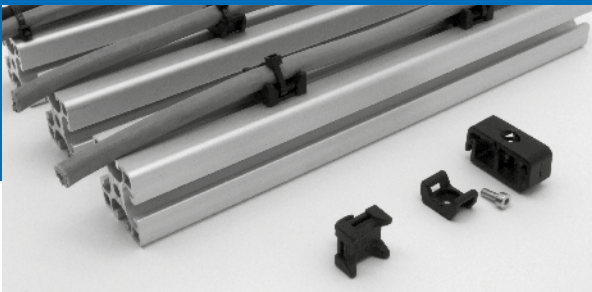
Special
 elements



SPECIAL ELEMENTS

UNIVERSAL HOLDER			
ITEM	Description	Order no.	Drawing
	<p>Cables, wires and hoses can be fastened simply and securely with universal holders. The fixing is done by means of a cable tie. A button-head screw M5 and a T-slot M5 of the inserted profile series must be provided for fastening to the profile groove.</p>		
Universal holder 8			
	<p>Material: PA-GF, black m = 1,6 g</p>	UVH-8	

CROSS CABLE BINDING BLOCKS			
ITEM	Description	Order no.	Drawing
	<p>With cross cable binding blocks, cables, wires and hoses can be fastened simply and securely. The fixing is done by means of a cable tie. Cross cable binding blocks can be mounted by a quarter turn in the profile groove without additional fixing material.</p>		
Cross cable binding block 6, black			
	<p>Material: PA-GF, black m = 4,0 g</p>	KKB-6	
Cross cable binding block 8, black			
	<p>Material: PA-GF, black m = 4,0 g</p>	KKB-8	



HOLDER FOR CABLE AND HOSES			
ITEM	Description	Order no.	Drawing
	<p>The holder for cable and hoses can be used to directly mount lines without any installation material.</p>		
Holder for cable and hoses 8 	<p>Material: PA-GF, black O-ring, black Hexagon socket DIN 912-M4x10 St, galvanised m = 10,0 g</p>	KSCHH-8	
	<p>Strip brushes are used to close a gap; they are also suitable for cable and hose feed-throughs. The brushes can be fixed simply and securely by pressing them into the profile groove 8.</p>		
Strip brush, fibre height 10,0 mm 	<p>Body: ABS, black Fiber: PA6, black Fibre diameter: 0,15 mm Rod length: 1.000 mm m = 79,0 g</p>	LB-FH10	
Strip brush, fibre height 40,0 mm 	<p>Body: ABS, black Fiber: PA6, black Fibre diameter: 0,2 mm Rod length: 1.000 mm m = 131,0 g</p>	LB-FH40	



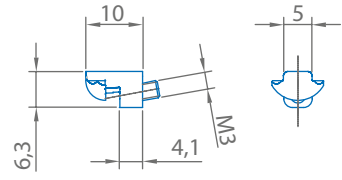


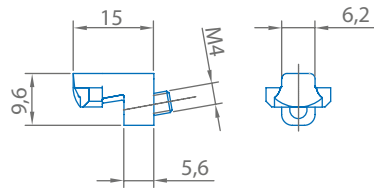


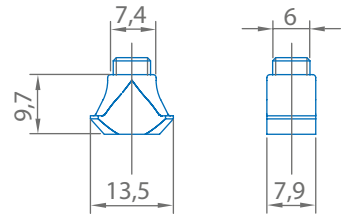
Special elements



SPECIAL ELEMENTS

EARTHING TERMINALS			
ITEM	Description	Order no.	Drawing
	<p>Earthing terminals are used for earthing profile constructions. The profiles can thus be integrated into the protective conductor system. The contact points are realised by the defined destruction of the anodised layer in the groove base on the groove flanks. Assembly is carried out by screwing in the grub screws. Important: The cable lug must be located between the serrated lock washer and the brass washer during installation.</p>		
Earthing terminal 5 	<p>T-Slot 5 St M5, galvanised Grub screw DIN 916-M5x16, St, galvanised Hexagon nut DIN 934-M5, brass Washer DN 9021-5.3, brass Serrated lock washer DIN 6798-A 5.3, St, galvanised m = 6,0 g</p>	EA-5	
Earthing terminal 6 	<p>T-Slot Nut 6 St M6 with guiding ridge, galvanised Grub screw DIN 916-M6x25, St, galvanised Hexagon socket DIN 934-M6, brass Washer DIN 9021-6.4, brass Serrated lock washer DIN 6798-A 5.3, St, galvanised m = 13,0 g</p>	EA-6	
Earthing terminal 8 	<p>T-Slot 6 St M6 with guiding ridge, galvanised Grub screw DIN 916-M6x25, St, galvanised Hexagon socket DIN 934-M6, brass Washer DN 9021-6.4, brass Serrated lock washer DIN 6798-A 5.3, St, galvanised m = 13,0 g</p>	EA-8	
Earthing connection 8 set 	<p>Earth wire, tinned copper 2 cover caps for earthing connection, black 2 sliding blocks 8 St M8, galvanised 2 hexagon nuts M8, galvanised 2 grub screws M8x30, galvanised 2 serrated lock washers D=8,4, galvanised 2 lock nuts M8, St, galvanised m = 125,0 g</p>	EV8-SZ	



POTENTIAL EQUALISERS			
ITEM	Description	Order no.	Drawing
	Potential equaliser ensures the equalisation of charging potentials between the profiles. An insulating anodised layer is destroyed and an electrically conductive connection is established. With potential equaliser, there is no electrical connection of the protective conductor system.		
Potential equaliser 5			
	Material: die-cast zinc Grub screw DIN 916-M3x12, St, galvanised m = 1,5 g	PAG-5	
			
Potential equaliser 6			
	Material: die-cast zinc Grub screw DIN 916-M4x16, St, galvanised m = 4,0 g	PAG-6	
			
Potential equaliser 8			
	Material: St, galvanised Grub screw DIN 915-M6x12, St, galvanised m = 4,5 g	PAG-8	



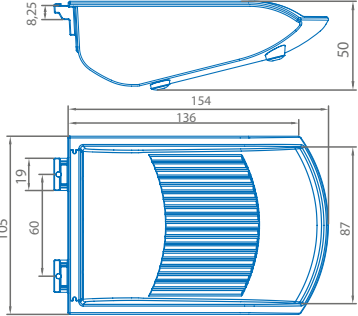


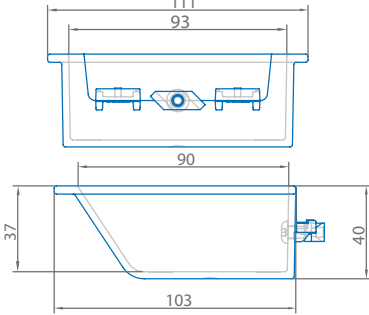
 Special
elements



SPECIAL ELEMENTS

RUNNER 8 PA			
ITEM	Description	Order no.	Drawing
	Runners are movable hangers for tools in the profile groove. $F_{max.} = 50\text{ N}$		
Runner 8 PA			
	Material: PA-GF, black $m = 8,0\text{ g}$	HG8-PA	
MONITOR MOUNTING JOINT			
ITEM	Description	Order no.	Drawing
	The monitor mounting joint 8 VESA 75-100 enables the simple mounting of monitors on constructions made of aluminium profiles of the series 8. The monitor can be aligned horizontally as well as vertically to the viewing area using the two swivel axes. The maximum weight absorption of the monitor joint is 10,0 kg.		
Monitor mounting joint 8	Adapter plate, PA-GF, black Monitor joint 8 40, grey 4 joint fixations Button-head screw M8x16, galvanised Button-head screw M8x30, galvanised Hexagon nut M8, galvanised 2 disc springs DIN 2093-A16 4 hexagon sockets M4x12, St, galvanised 4 washers $D = 4,3\text{ mm}$, St, galvanised $m = 241,0\text{ g}$	MG8-75-100	
CONTAINER MOUNTING			
ITEM	Description	Order no.	Drawing
	With the container mounting 8, black, small part containers with a wall thickness of up to 5 mm can be hung between two profiles. That component can be used in combination with all series 8 profiles. It is fixed to the profile groove by a quarter turn. The container attachment is easy to assemble and flexible to use without additional processing.		
Container mounting 8, black			
	Material: PA-GF, black $m = 3,0\text{ g}$	BB-8	



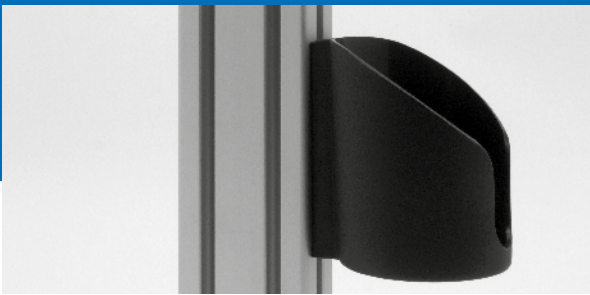
PARTS CONTAINERS			
ITEM	Description	Order no.	Drawing
	<p>The parts container 8 105x154x50 is used for the supply of small parts. By swivelling into the profile slot 8, the gripping pan can be mounted quickly and safely. It can be moved along the profile groove at any time. An integrated viewing window in the rear panel also makes it possible to create inscription fields.</p>		
Parts container 8 105x154x50, black	 <p>Material: PA-GF Colour: black m = 127,0 g</p>	GS8-105x154x50-S	
Parts container 8 105x154x50, grey			
	<p>The parts container 8 is used for the supply of various small parts. The hook-in bracket on the back allows it to be attached to all profile grooves of the series 8. The supplied fastening set prevents unintentional loosening or shifting of the parts container.</p>		
Parts container 8 110x105, black	 <p>Material: PA-GF, black Button-head screw M5x12, galvanised T-slot 8 Zn M5, galvanised m = 102,0 g</p>	GS8-110x105	
Parts container 8 210x105, black			

Special
elements



SPECIAL ELEMENTS

PARTS CONTAINER			
ITEM	Description	Order no.	Drawing
	<p>The parts container 8 110x295x40 is used for the supply of small parts. An integrated gripper makes it possible to separate the stored components. In addition, a viewing window offers the possibility of using labelling fields. Attachment to the profile groove is by means of gripping shell adapter 8, black (GSA8-S). The adapter provides the option of quickly and easily exchanging the gripping bowls and tilting them +/- 45°.</p>		
Parts container 8 110x295x40, black	<p>Material: PA-GF, black m = 236,5 g</p>	GS8-110x295x40-S	
	<p>The parts container adapter 8, black is required for fastening the parts container 8 110x295x40-S. The adapter provides the option of using the gripping bowls quick and easy to change and swivel +/- 45°. Fastening to the profile slot is by means of T-slot 8 St M8 (NS8-M8).</p>		
Parts container adapter 8, black	<p>Material: PA6, black Swivelling +/- 45° m = 92,0 g</p>	GSA8-S	
CUP HOLDER			
ITEM	Description	Order no.	Drawing
	<p>Cup holders are designed to safely hold bottles, cans or cups. They are attached using two countersunk screws M5 and two T-slots M5. The cup holder can be removed any time.</p>		
Cup holder 8	<p>Cup, PA-GF, black Holder, PA-GF, black m = 158,0 g</p>	BH-8	





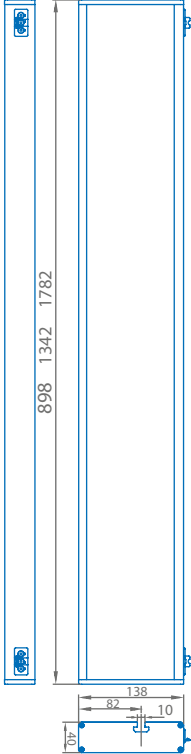





MULTI-SOCKET POWER STRIPS



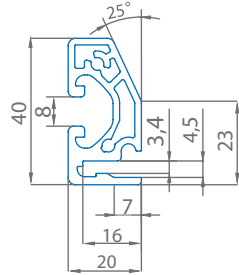


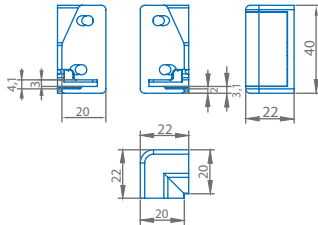


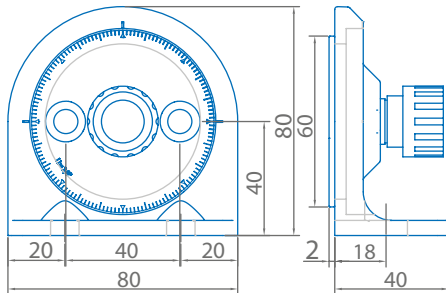


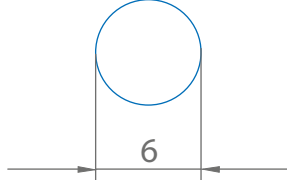
ITEM	Description	Order no.	Drawing
	<p>Sturdy, industrial-suited multi-socket power strip with 4 shock-proof sockets and two illuminated switches in the usual look (natural-coloured housing anodised, front view in black). The sockets can be switched off by means of a switch. In addition, the current output can be switched which can be used as a light switch, for example. The power strip is equipped with GST18 connections, which provide a maximum load of 16A. Optionally, with the aid of a separately orderable mounting set (article number: BS-SSL), the multiple socket strip simply screwed to the profile groove. The matching connection cables are available as accessories.</p>		
<p>Multi-socket power strip, Al, (3 outlet)</p>	<p>3x socket outlet with earthing contact GST18 connections (current input and output) Material: anodised aluminium body Colour: basic body anodised in natural colour, Cover plate: black m = 325,0 g</p>	SSL-ALU-3-NS	
<p>Multi-socket power strip Al (4 outlet)</p>	<p>1 switch green illuminated, 2-pole, switches sockets 4 socket outlets with earthing contact 1 switch green illuminated, 2-pole, switches current output GST18 connections (power input and output) Material: anodised aluminium body Colour: basic body anodised in natural colour, Cover plate: black m = 448,0 g</p>	SSL-ALU-4-2	
<p>Multi-socket power strip angle fastening set</p>	<p>2 holding plates, stainless steel 2 cover strips, black 2 T-slots 8 StM6, galvanised 2 button-head screws M6x12, galvanised m = 63,5 g</p>	BS-SSL	
<p>Connecting cable 3m for multi-socket power strip / light socket-earthed plug</p>	<p>Total length: 3m Type: GST1813, 3-pole; 250V / 16A Cable: H05V2V2-F 3G1.5 Colour: black Protection class: IP20 m = 384,5 g</p>	ASL-BSCH-SSL	



SPECIAL ELEMENTS

CONNECTING CABLE			
ITEM	Description	Order no.	Drawing
Connecting cable 2m for multi-socket power strip/light-plug-socket (GST18/3) 	Total length: 2m Type: GST18I3, 3-pole; 250V / 16A Cable: H05VV-F 3G1.5 Colour: black Protection class: IP20 m = 253,0 g	ASL-SB-SSL-L	
LED-LIGHT			
ITEM	Description	Order no.	Drawing
	The LED-light is a special concept for system workstations. The power supply unit (230V) is installed directly in the luminaire. Furthermore, the SystemLED offers homogeneous, glare and flicker-free illumination. Economically, it is particularly energy-efficient. In addition, the luminaire is designed for 60.000 operating hours and is also maintenance-free. On the housing is an on/off switch. With the aid of a separately orderable mounting set (article number: BS8-SLED), the luminaire can be easily mounted to the profile groove. The appropriate connection cables are available as accessories.		
LED-light 898-48 	Cover: Microprisms Length: 898 mm Power: 48 Watt Protection class: IP50, protection class 1 Light colour: daylight white 5.200K - 5.700K Beam angle: 100 Connection: 230V - AC (GST18) m = 3,4 kg	SYSTEMLED-898-48	
LED-light 1342-72 	Cover: Microprisms Length: 1.342 mm Power: 72 Watt Protection class: IP50, protection class 1 Light colour: daylight white 5.200K - 5.700K Beam angle: 100 Connection: 230V - AC (GST18) m = 5,7 kg	SYSTEMLED-1342-72	
LED-light 1782-96 	Cover: Microprisms Length: 1.782 mm Power: 96 Watt Protection class: IP50, protection class 1 Light colour: daylight white 5.200K - 5.700K Beam angle: 100 Connection: 230V - AC (GST18) m = 6,8 kg	SYSTEMLED-1782-96	
Fastening set 8 for LED-light 	2 angle brackets 8 40, galvanised 2 T-slots 8 St M8, galvanised 2 T-slots 10 St M8 with spring plate, galvanised 4 countersunk screws M8x16, galvanised m = 285,5 g	BS8-SLED	



FRAME PROFILE			
ITEM	Description	Order no.	Drawing
	<p>The frame profile 8 40x20 allows the bordering of panel elements up to a thickness of 4 mm. Matching frame profile corner connector sets provide a fast and safe installation. Frame profiles are ideally suited for shelves on shelves or for storage levels on work tables. The external profile groove 8 is used for adapting to basic racks or for fixing add-on parts, e.g. angle fixing 8 80x40. The immersion depth of panel elements is calculated as follows: Surface elements 2-3 mm: External dimensions (frame) - 10 mm panel elements 4 mm: External dimensions (frame) - 26 mm</p>		
<p>Frame profile 8 40x20, anodised</p> 	<p>Material: Al, anodised Alloy: EN AW 6060 - T66 Surface elements 2-3 mm: outside measurement (frame) - 10 mm Surface elements 4 mm: External dimensions (frame) - 26 mm Saw cut: type B Cut max.: 6.000 mm Rods: 3.000 / 6.000 mm m = 879,0 g</p>	RP8-40x20	
	<p>The frame profile corner connector set 8 40x20 serves as a connecting element for the frame profile 8 40x20, anodised. The self-tapping hexagon sockets allow a simple, machineless assembly of the frame profiles. In addition, the cap included in the scope of delivery is responsible for an attractive termination of the connection set.</p>		
<p>Frame profile corner connector set 8 40x20</p> 	<p>Base body die-cast zinc, painted Cap, grey similar to RAL 7042 4 hexagon sockets M4x20, Self-curving, St, galvanised m = 54,0 g</p>	RP-EV8-40x20	
	<p>The angle locking bracket 8 80x40 is a toothed connector that allows angle settings in 2,5° increments. Particularly suitable is the angle fixing for shelves and shelves at workstations. Ergonomic adjustments can be made quickly and easily with the help of the angle position. Opening the knurled screw loosens the gearing and the connection can be moved without additional tools. In case of need the knurled screw can be replaced by a hexagon socket M8x20. The use of a screw allows a higher tightening torque, so it occurs in combination with the toothing, a form-fit angle fixation with high load-bearing capacity.</p>		
<p>Angle locking bracket 8 80x40</p> 	<p>Angles and locking plates, die-cast aluminium Colour: RAL 9006 white aluminium Knurled thumb screw M8x18, St, galvanised 2 pressure springs, St 2 button-head screws M8x18, St, galvanised 2 hexagon sockets M8x18, St, galvanised 3 discs, St, galvanised 4 T-slots 8 St M8, galvanised m = 279,0 g</p>	WFS8-80x40	
	<p>Retaining cord D6, grey is used in combination with frame profiles 8 40x20. Built-in surface elements are installed after the assembly of a frame fixed without rattle by pressing in the sealing cord D6. For easier installation of the sealing cord, it is recommended to moisten it with soapy water.</p>		
<p>Retaining cord D6, grey</p> 	<p>Material: NBR, grey Roll length: 20 m m = 10,0 g</p>	DS-D6	

Special elements



SPECIAL ELEMENTS


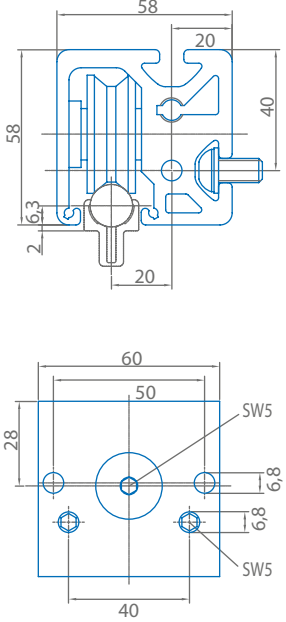

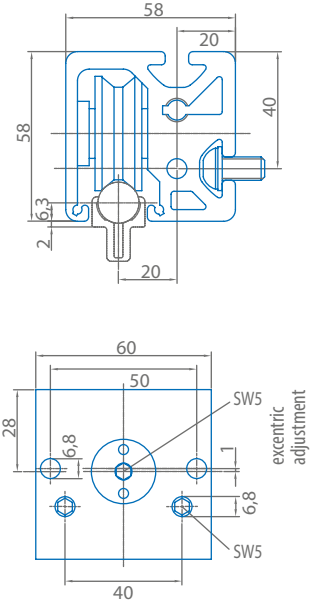
LIMIT-SWITCH HOLDERS			
ITEM	Description	Order no.	Drawing
	<p>Limit switch holders are used to fasten limit switches, proximity switches or other elements with a corresponding round cross-section. Limit switch holders can be used with or without fixing piece.</p>		
Limit-switch holder D8 	<p>Housing and anti-twist device PA-GF, black Spring washer, St, black m = 4,5 g</p>	ESCHH-8-D8	
Limit-switch holder D12 	<p>Housing and anti-twist device PA-GF, black Spring washer, St, black m = 5,0 g</p>	ESCHH-8-D12	
Limit-switch holder D18 	<p>Housing and anti-twist device PA-GF, black Socket head cap screw DIN 912-M6x28, St, galvanised m = 22,5 g</p>	ESCHH-8-D18	
Limit-switch holder D20 	<p>Housing and anti-twist device PA-GF, black Hexagon socket DIN 912-M6x28 St, galvanised m = 21,5 g</p>	ESCHH-8-D20	

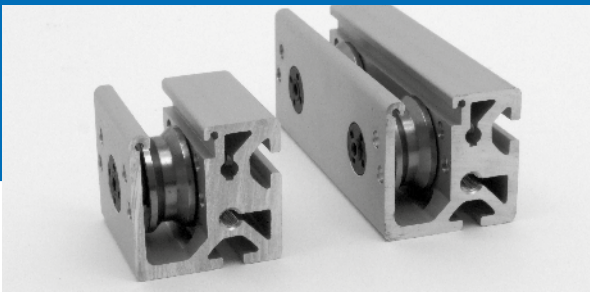
DYNAMIC ELEMENTS





DYNAMIC ELEMENTS

BEARING UNITS			
ITEM	Description	Order no.	Drawing
	<p>Bearing units are used for the construction of linear slides. They are used exclusively in pairs; excentric/centric. Excentric bearing units can be adjusted backlash-free at a later date. Bearing units must always be equipped with end cap and lubricating systems so that premature wear is avoided. All components are also offered as individual parts for the construction of individual storage units.</p>		
Bearing unit D14 z (centric) 	<p>Material: Al, anodised Bolt 8 D14 z, burnished Roller D14 $M_{\text{bolt}} = 20 \text{ Nm}$ $C = 7.800 \text{ N}$ $C_0 = 4.400 \text{ N}$ $m = 375,0 \text{ g}$</p>	<p>LE8-D14-Z</p>	
Bearing unit D14 e (excentric) 	<p>Material: Al, anodised Bolt 8 D14 e, burnished Roller D14 $M_{\text{lock nut}} = 20 \text{ Nm}$ $C = 7.800 \text{ N}$ $C_0 = 4.400 \text{ N}$ $m = 380,0 \text{ g}$</p>	<p>LE8-D14-E</p>	



DOUBLE-BEARING UNITS

ITEM	Description	Order no.	Drawing
<p>Double-bearing unit 8 D14 z (centric)</p>	<p>Material: Al, anodised 2 bolts 8 D 14 z, burnished 2 castors D14 $M_{bolts} = 20 \text{ Nm}$ $C = 15.600 \text{ N}$ $C_0 = 8.800 \text{ N}$ $m = 845,0 \text{ g}$</p>	<p>DLE8-D14-Z</p>	
<p>Double-bearing unit 8 D14 e (excentric)</p>	<p>Material: Al, anodised 2 bolts 8 D14 e, burnished 2 castors D14 $M_{locknut} = 20 \text{ Nm}$ $C = 15.600 \text{ N}$ $C_0 = 8.800 \text{ N}$ $m = 838,0 \text{ g}$</p>	<p>DLE8-D14-E</p>	

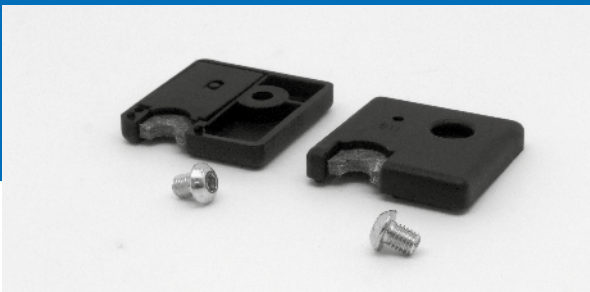
Dynamic elements



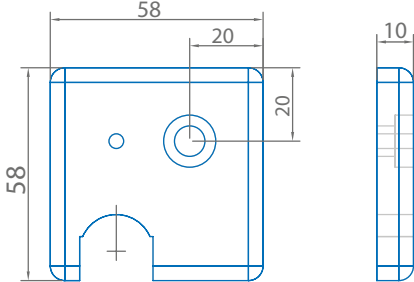


DYNAMIC ELEMENTS

SHAFT CLAMP PROFILE			
ITEM	Description	Order no.	Drawing
	<p>The shaft clamp profile is used for connecting the shafts D14 with the profile grooves. After pressing the shaft clamp profile into the profile groove, the shaft is pushed in. The shafts are to be fixated at any location using a cylindrical pin DIN 6325.</p>		
Shaft clamp profile 8 D14			
	<p>Material: Al, anodised Saw cut: type B Cut max.: 3.000 mm Rod: 3.000 mm $A = 1,36 \text{ cm}^2$ $m = 0,36 \text{ kg/m}$</p>	WKP8-D14	

ROLLER			
ITEM	Description	Order no.	Drawing
	<p>Maintenance-free roller for use in bearing units 8 D14.</p>		
Roller D14			
	<p>Material: St, plain 100 Cr 6, hardened, ground Double row ball bearing mounted, with two cover plates, maintenance-free $n_{\text{max}} = 5.000 \text{ min}^{-1}$ $C = 7.800 \text{ N}$ $C_0 = 4.400 \text{ N}$ $m = 104,5 \text{ g}$</p>	LR8-D14	



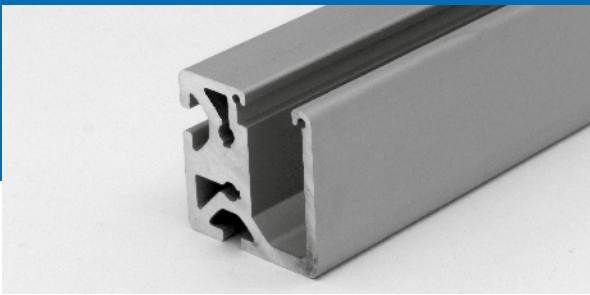
END CAP AND LUBRICATING SYSTEM			
ITEM	Description	Order no.	Drawing
	End cap and lubricating systems are attached to guiding mechanisms to protect shafts and rollers.		
End cap and lubricating system 8 D14, black 	Material: PA-GF, black End cap and lubricating system 8 D14, right End cap and lubricating system 8 D14, left 2 button-head screws ISO 7380-M8x10, St, galvanised m = 52,0 g	ASS8-D14	




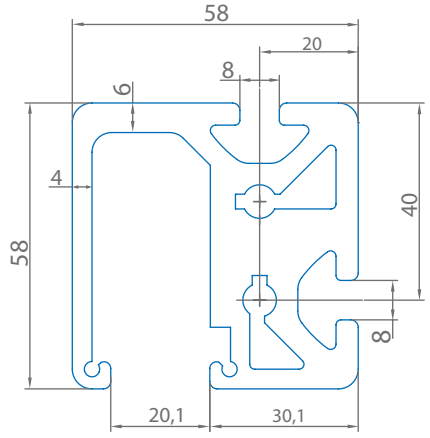

DYNAMIC ELEMENTS

BOLTS			
ITEM	Description	Order no.	Drawing
	Bearing bolt for application in bearing units 8 D14.		
Bolt 8 D14 z (centric) 	Material: St, burnished $M_{max} = 20 \text{ Nm}$ $m = 48,0 \text{ g}$	B8-14-Z	
Bolt 8 D 14 e (excentric) 	Material: St, burnished Bolt and four-hole nut $M_{lock\ nut} = 20 \text{ Nm}$ $M_{max} = 20 \text{ Nm}$ $m = 45,0 \text{ g}$	B8-14-E	


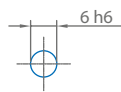
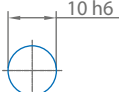
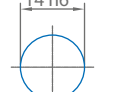
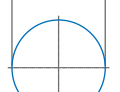
TIMING BELT			
ITEM	Description	Order no.	Drawing
	Timing belts are interlocking traction mechanisms which are used for castor guides in order to carry out precise linear movements.		
Timing belt R25 T10 	PUR, white with integrated steel strands $K = 500 \text{ N}$ Load max. = 2.400 N Saw cut: type A Cut max.: 50,0 m $m = 125,0 \text{ g/m}$	ZR-R25-T10-W	



ROLLER PROFILE

ITEM	Description	Order no.	Drawing
	The roller profile is used for the construction of bearing units 8 D14 in any length (max. 6.000 mm). The matching castors, bolts and end cap and lubricating systems are offered separately. A special milling process is required for the connection machining. If required, the machining drawing can be requested via info@varidee.de		
Roller profile 8 D14	<p>Material: Al, anodised</p> <p>$A = 15,48 \text{ cm}^2$</p> <p>$W_x = 15,34 \text{ cm}^3$</p> <p>$W_y = 14,25 \text{ cm}^3$</p> <p>$I_x = 47,90 \text{ cm}^4$</p> <p>$I_y = 47,92 \text{ cm}^4$</p> <p>$I_t = 11,14 \text{ cm}^4$</p> <p>Saw cut: type B</p> <p>Cut max.: 6.000 mm</p> <p>Rods: 6.000 / 3.000 mm</p> <p>$m = 4,18 \text{ kg/m}$</p>	P8-LRP-14	
			

SHAFTS

	Shafts are used as guide shafts for castor guides.					
ITEM	Description	m	Saw cut	Cut max	Rods	Order no.
		[kg/m ²]	[type]	[mm]	[mm]	
	Shaft D6, Shaft D6 stainless	Shaft D10		Shaft D14, Shaft D14 stainless		Shaft D25
						
Shaft D6	St, Cf53, hardened, ground Hardening depth min. 0,4 mm	0,22	A	3.000	3.000	W-D6
Shaft D6, stainless	St, X46 Cr13 ground	0,22	A	3.000	3.000	W-D6-E
Shaft D10	St, Cf53, hardened, ground Hardening depth min. 0,4 mm	0,62	A	3.000	3.000	W-D10
Shaft D14	St, Cf53, hardened, ground Hardening depth min. 0,6 mm	1,21	A	3.000	3.000	W-D14
Shaft D14, stainless	St, X46 Cr13 ground	1,21	A	3.000	3.000	W-D14-E
Shaft D25	St, Cf53, hardened, ground Hardening depth min. 0,9 mm	3,85	A	3.000	3.000	W-D25


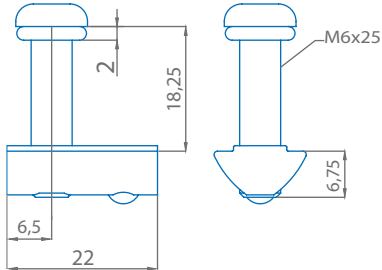

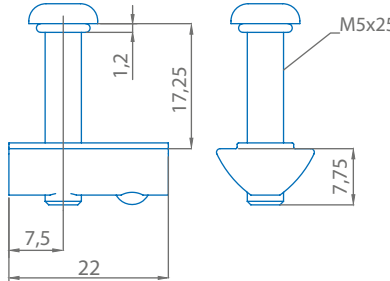


DYNAMIC ELEMENTS



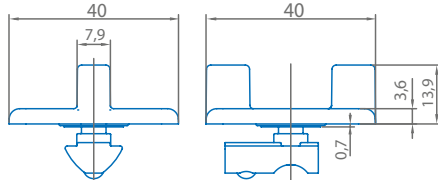
T-SLOT SLIDERS			
ITEM	Description	Order no.	Drawing
	<p>T-slot sliders are used to move sliding units and doors. The robust metal sliding carriage carrier provides in combination with plastic glides for low-wear and low-friction movement. The maximum permissible load is 50 Newton per guide carriage. Pre-assembled fastening sets for floating and fixed bearing side are offered for fastening to the profile groove.</p>		
T-slot slider 8 80x40 	<p>Gliding carriage die-cast zinc, galvanised 2 sliding elements, POM 2 nuts M6, galvanised without mounting set Load: $F_{max} = 50\text{ N}$ $m = 76,5\text{ g}$</p>	GSF8-80x40	
T-slot slider 8 80x40 with excentric lever incl. fastening set 	<p>Gliding carriage, die-cast zinc, galvanised 2 sliding elements, POM T-Slot 8 St M6 heavy / short, galvanised Excentric lever with pressure disc 2 mounting sets floating bearing Load: $F_{max} = 50\text{ N}$ $m = 155,0\text{ g}$</p>	GSF8-80x40-EH	
T-slot slider 8 80x40 with slide clamp 	<p>Gliding carriage, die-cast zinc, galvanised 2 sliding elements, POM T-Slot 8 St M6 heavy / short, galvanised Clamping lever M6 with washer 2 nuts M6, galvanised without mounting set Load: $F_{max} = 50\text{ N}$ $m = 135,5\text{ g}$</p>	GSF8-80x40-SK	



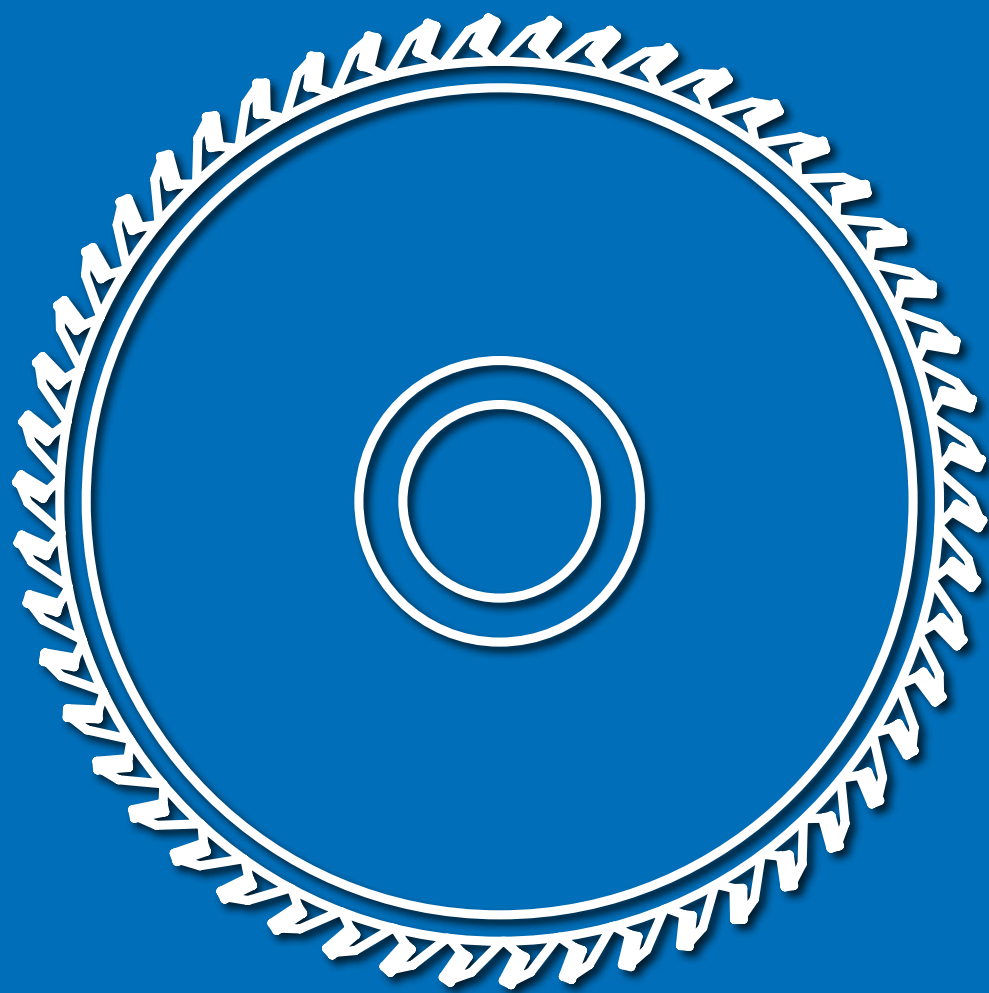
T-SLOT SLIDERS

ITEM	Description	Order no.	Drawing
T-slot slider 8 80x40 fastening set, fixed bearing 	2 button-head screws M6x25, St, galvanised 2 T-slots 8 St M6 with guiding ridge, galvanised 2 O-rings 6x2, black m = 32,5 g	GSF8-BFS-FL	
T-slot slider 8 80x40 fastening set, floating bearing 	Button-head screw M5x25, St, galvanised T-Slot 8 St M5 with guiding ridge, galvanised O-ring 5x1,2, black m = 15,0 g	GSF8-BFS-LL	


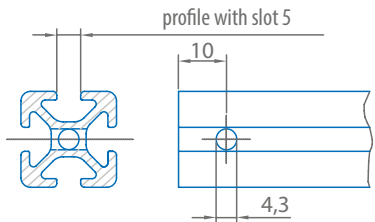

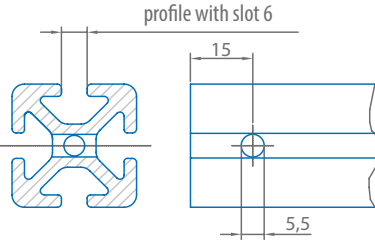

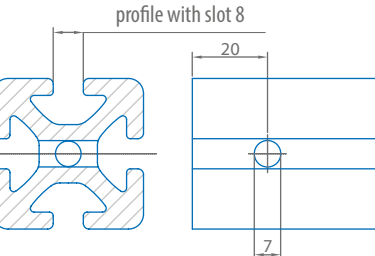
T-SLOT SLIDER

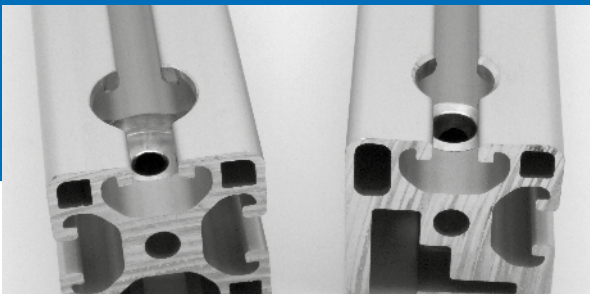
ITEM	Description	Order no.	Drawing
	The T-slot slider 8 serves as a guide for folding, lifting and sliding doors. The sliding block is made of low-friction plastic and has good sliding properties in the profile groove. Furthermore, the T-slot slider can rotate freely, thus, among other things, misalignments can be compensated. The maximum load is 60 N. The installation dimension (a) is 5,0 mm (tolerance 1,4 mm) per T-slot slider.		
T-slot slider 8, black 	T-slot slider 8, POM, black Shim washer DIN 988-8x14x1,25, St, stainless T-Slot 8 St M8 with guiding ridge, galvanised Grooved glide hub M8, St, galvanised $F_{max} = 60$ N m = 25,5 g	NG-8	


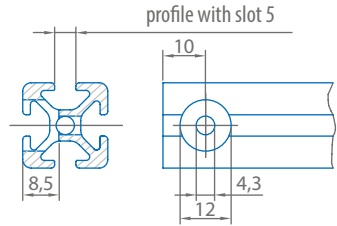

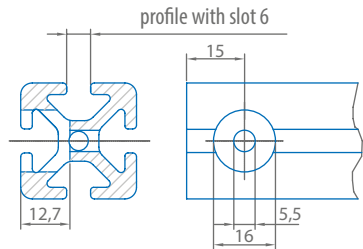

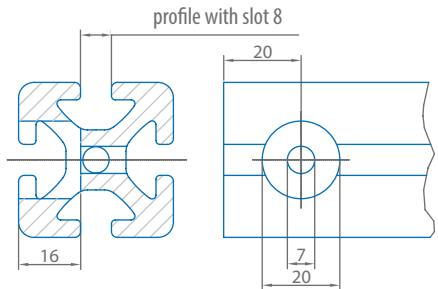
PROCESSING





CONNECTION PROCESSING			
ITEM	Description	Order no.	Drawing
			
Bore D4,3 Connection processing	Borehole for the standard fastener 5	DL-B-D4,3	
			
Bore D5,5 Connection processing	Borehole for the standard fastener 6	DL-B-D5,5	
			
Bore D7 Connection processing	Borehole for the standard fastener 8	DL-B-D7	




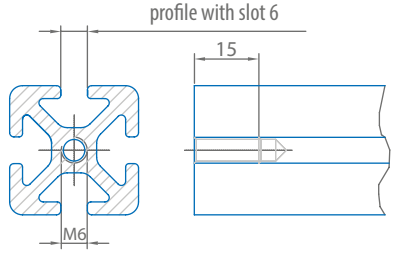

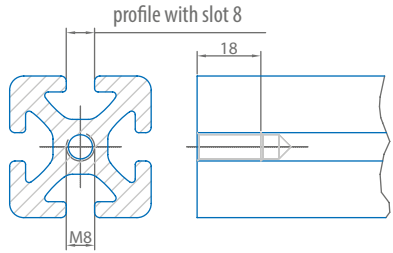

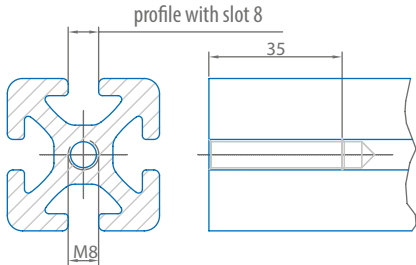
CONNECTION PROCESSING			
ITEM	Description	Order no.	Drawing
			
Stepbore D12x8,5 Connection processing	Stepped bore for the universal-fastener 5	DL-B-SB-5	
			
Stepbore D16x12,7 Connection processing	Stepped bore for the universal-fastener 6	DL-B-SB-6	
			
Stepbore D20x16 Connection processing	Stepped bore for the universal-fastener 8	DL-B-SB-8	

processing




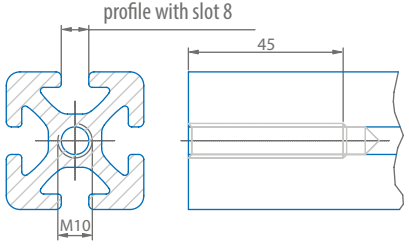

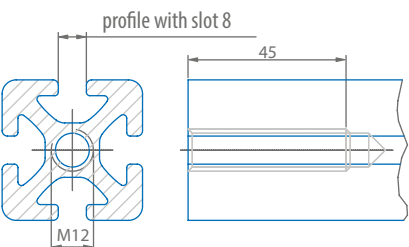

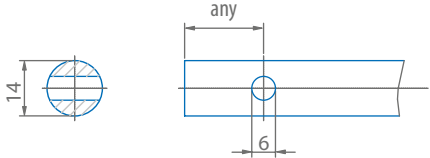
CONNECTION PROCESSING			
ITEM	Description	Order no.	Drawing
Stepbore D11x13 Connection processing	Stepbore for the screw of the clamp profile-connection of series 6, clamp profile 6 30x30	DL-B-SB-KL6	
Stepbore D15x17 Connection processing	Stepbore for the screw of the clamp profile connection series 8, clamp profile 8 40x40	DL-B-SB-KL8	
Thread M5x12 Connection processing	Frontal thread M5x12	DL-GW-M5	

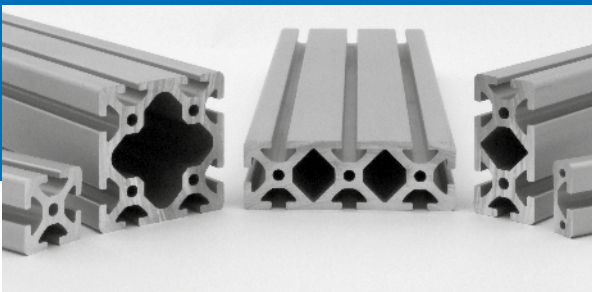



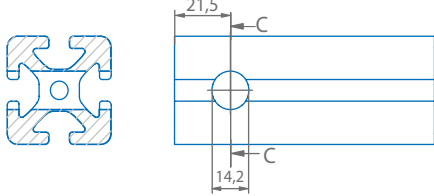
CONNECTION PROCESSING			
ITEM	Description	Order no.	Drawing
			
Thread M6x15 Connection processing	Frontal thread M6x15	DL-GW-M6	
			
Thread M8x18 Connection processing	Frontal thread M8x18	DL-GW-M8	
			
Thread M8x35 Connection processing	Frontal thread M8x35	DL-GW-M8-35	

processing



CONNECTION PROCESSING			
ITEM	Description	Order no.	Drawing
			
Thread M10x45 Connection processing	Frontal thread M10x45	DL-GW-M10-45	
			
Thread M12x45 Connection processing	Frontal thread M12x45	DL-GW-M12-45	
			
Pinning bore for shafts	Pinning bore for the shafts of the castor guides 8 D14	DL-B-VSTB	

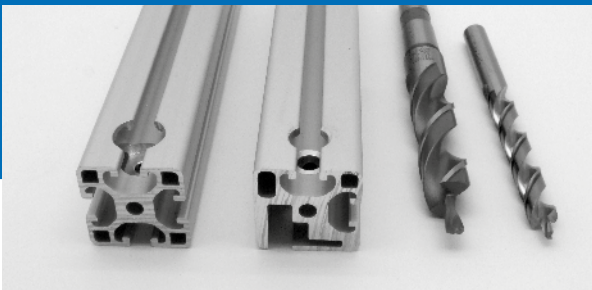


CONNECTION PROCESSING			
ITEM	Description	Order no.	Drawing
			
Bore D14 Connection processing	Connection processing for all bolt connectors 8	DL-B-BV-8	


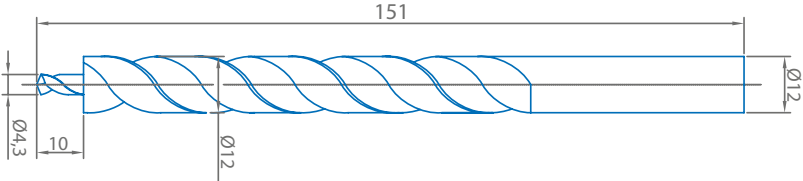
SAW CUTS		
ITEM		Order no.
Saw cut for panel elements		DL-S-FE
Saw cut for grid elements		DL-S-FE-G
Saw cut for multiplex panels 8-10 mm		DL-S-FE-MP8-10
Saw cut for multiplex panels 12-30 mm		DL-S-FE-MP12-30
Saw cut type A		DL-S-TYPA
Saw cut type B		DL-S-TYPB
Saw cut type C		DL-S-TYPC
Saw cut type D		DL-S-TYPD


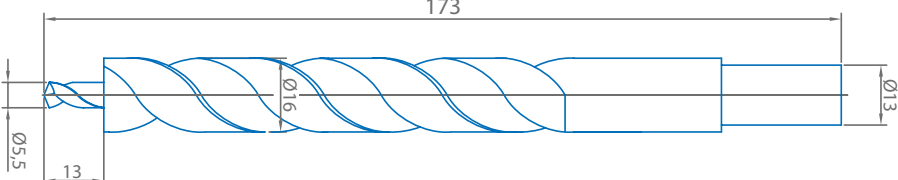
TOOLS





STEP DRILLS

ITEM	Description	shaft Ø	m	Order no.
		[mm]	[g]	
	Tools for profile processing for creation of connection processing.			
Step drill Universal-fastener 5	High-performance quicksteel, nitrided	12,0	80,0	SB-5
				

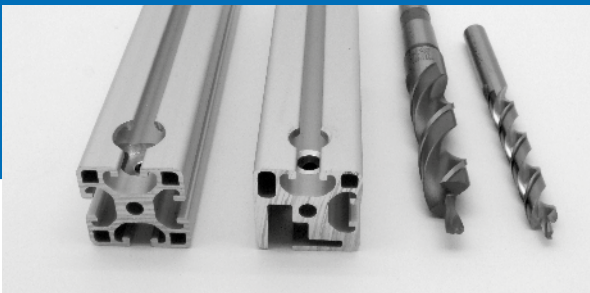
ITEM	Description	shaft Ø	m	Order no.
		[mm]	[g]	
	Tools for profile processing for creation of connection processing.			
Step drill Universal-fastener 6	High-performance quicksteel, nitrided	13,0	150,0	SB-6
				



TOOLS

STEP DRILL				
ITEM	Description	shaft Ø	m	Order no.
		[mm]	[g]	
	Tools for profile processing for creation of connection processing.			
Step drill Universal-fastener 8 D13	High-performance quicksteel, nitrided	13,0	240,0	SB-8-D13

STEP DRILL				
ITEM	Description	shaft Ø	m	Order no.
		[mm]	[g]	
	Tools for profile processing for creation of connection processing.			
Step drill Universal-fastener 8 MK2	High-performance quicksteel, nitrided Morse cone: MK2	MK2	260,0	SB-8-MK2



STEP DRILL				
ITEM	Description	shaft Ø	m	Order no.
		[mm]	[g]	
	Tools for profile processing for creation of connection processing.			
Step drill clamp profile 8	High-performance quicksteel, nitrided Morse cone: MK2	15,0	150,0	SB-8-KP

STEP DRILL				
ITEM	Description	shaft Ø	m	Order no.
		[mm]	[g]	
	Tools for profile processing for creation of connection processing.			
Step drill bolt connector 8	High-performance quicksteel, nitrided Morse cone: MK2	14,2	150,0	SB-BV-14

NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

A

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