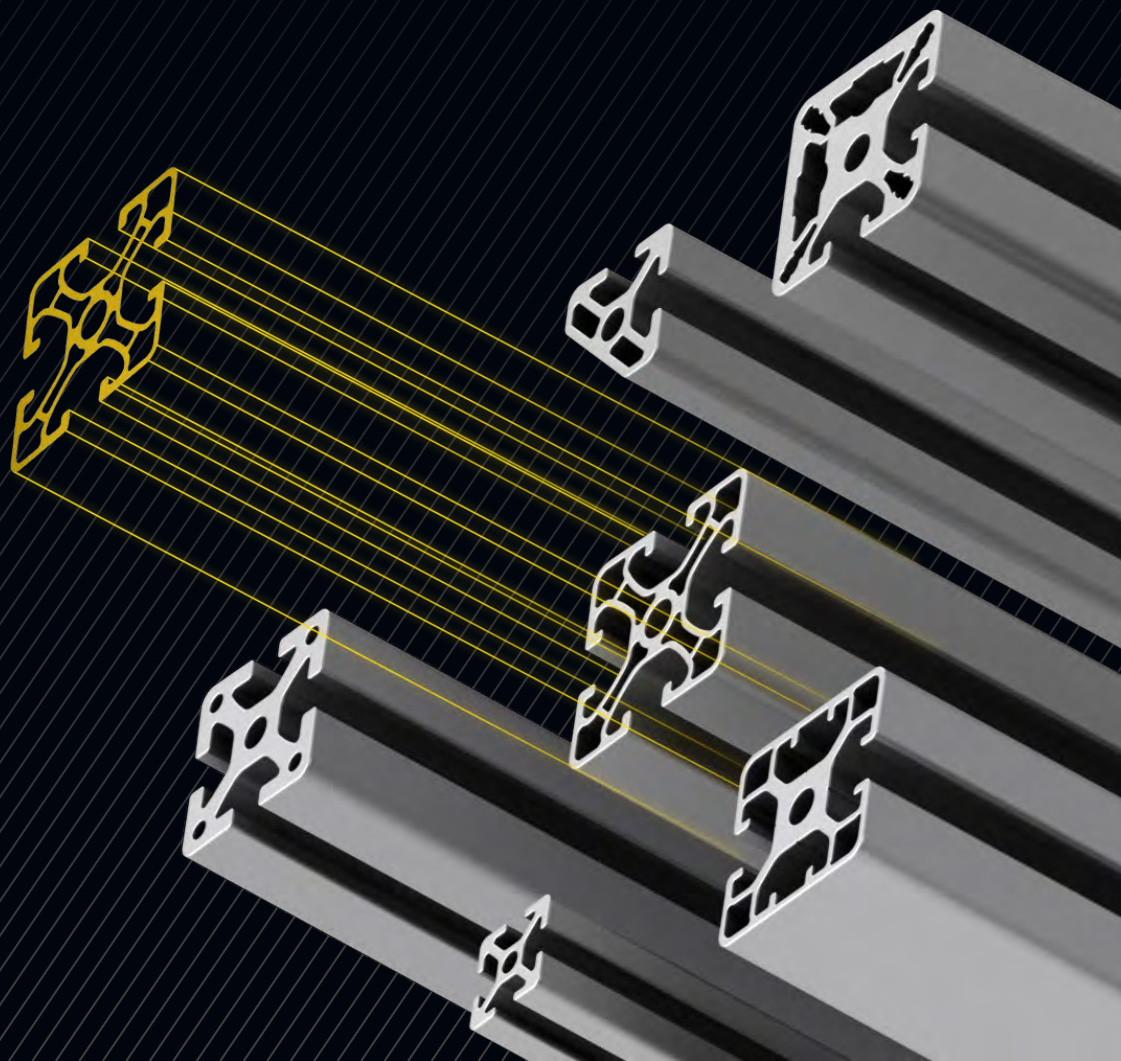


PALETTI

PRECISE, LONG-LASTING, INDIVIDUALLY

ALUMINIUM PROFILES AND SYSTEM SOLUTIONS FOR INDUSTRY



www.paletti-group.com



Table Of Contents

The Company C

Technical Data C

Fastener Systems D

Accessories E

Linear Actuator Systems F

Linear Actuator System Accessories G

Protective And Separating Walls H

Laser Enclosures I

Roller Conveyors J

Work And Laboratory Furniture K

Turntables, Swivel Arms, Wiring Ducts L

Pneumatics M

Precision Technology N

Tools And Screws O



Location Minden/Meißen



Location Petershagen/Lahde



Paletti Profilsysteme is a young organisation active in the manufacture of innovative production methods, as well as producing future-oriented technologies.



The manufacturing strength of Paletti Profilsysteme lies in the development and manufacture of universal modular-based profile systems made from aluminum.

The basic concept of the company before any development began was to take account of the high flexibility and economic viability demanded by the marketplace for machine and plant construction.

Equipped with the most up-to-date CNC production facilities and with the support of a qualified team of engineers and specialists, Paletti Profilsysteme has made a name for itself in a very short amount of time.

Paletti benefits are:

- high quality
- precision work
- very effective price / cost ratio
- order-processing that meets deadlines
- planning and development services





Office enclosure



Welding booths



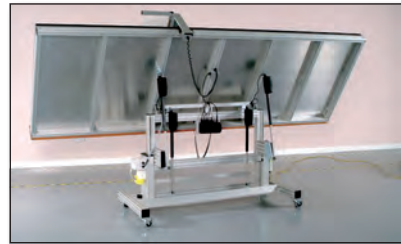
Industrial partitioning and guarding



Composite assembly tooling



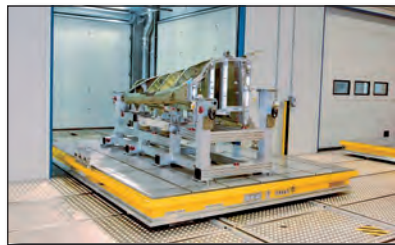
Shipping container for jet engines



Harness assembly board



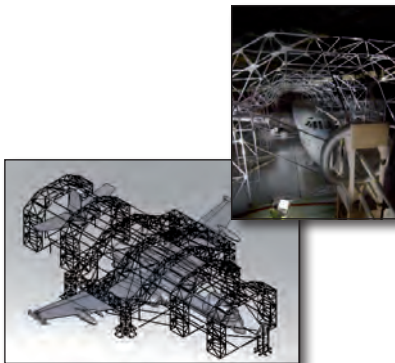
Testing station



JSF boom tooling



Environmental frame



Nimrod lightning strike framework design



Bike shelter



Wind screen



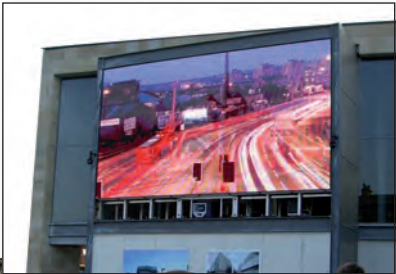
Product lifetime cycle testing



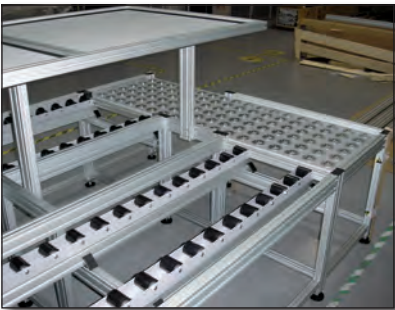
Flask inspection platform



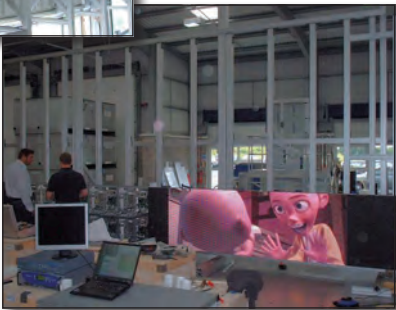
Framework



Frame

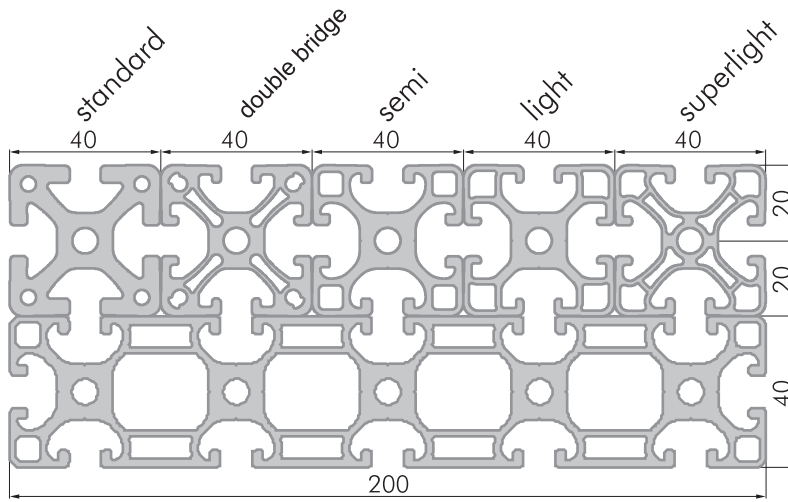


Production lines

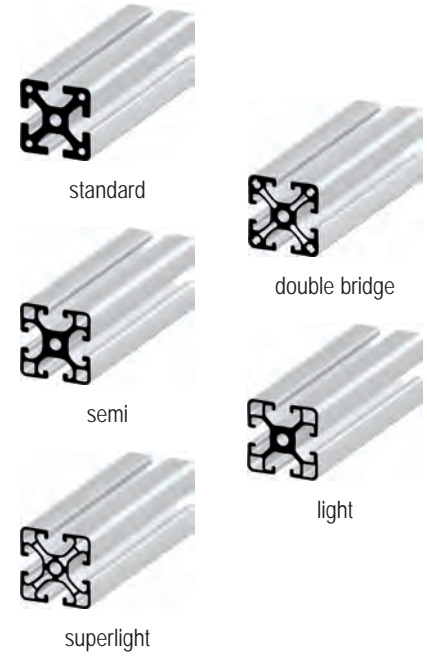


LED support screen

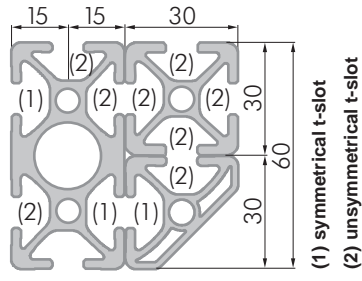
40 Matrix 40



- t-slot 8
- center hole for M 8



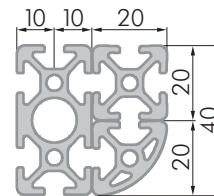
30 Matrix 30 midi



- t-slot 8
- center hole for M 8



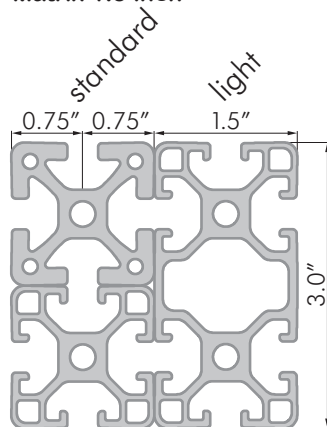
20 Matrix 20 mini



- t-slot 5
- center hole for M 5



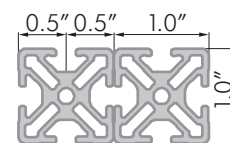
1.5 Matrix 1.5 inch



- t-slot 8
- center hole for M 8



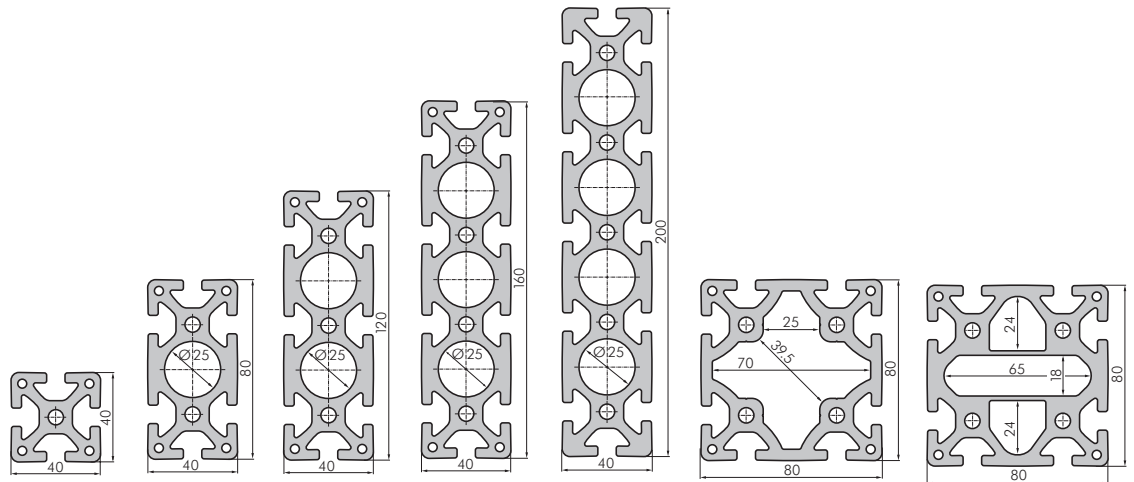
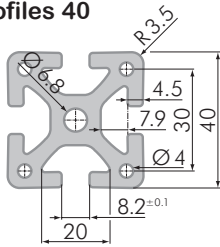
1.0 Matrix 1.0 inch



- t-slot 5
- center hole for M 5

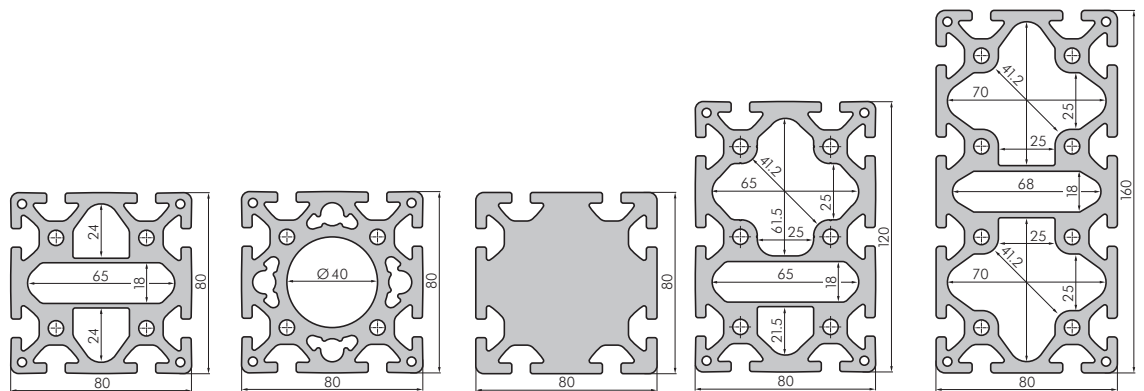
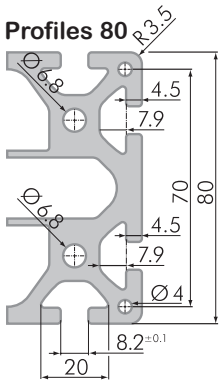


Profiles 40



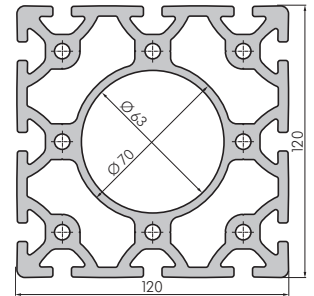
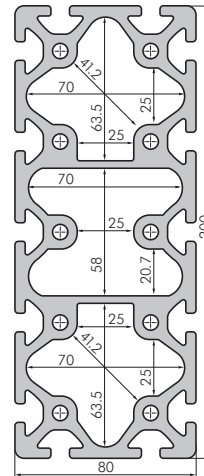
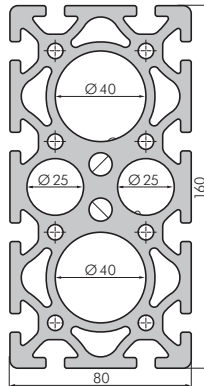
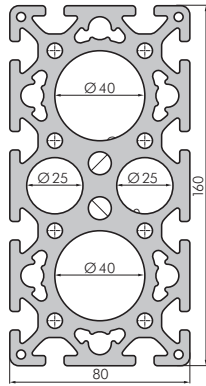
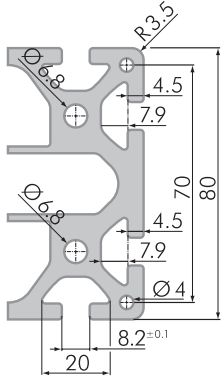
Technical Data	40 x 40	40 x 80	40 x 120	40 x 160	40 x 200	80 x 80	80 x 80 bridge
I_x [cm ⁴]	12.91	93.73	302.18	697.91	1386.00	173.08	174.65
I_y [cm ⁴]	12.91	26.08	39.24	52.41	66.71	173.08	188.12
W_x [cm ³]	6.46	23.43	50.36	87.24	138.60	43.27	43.66
W_y [cm ³]	6.46	13.04	19.62	26.21	33.36	43.27	47.03
A [cm ²]	8.49	15.95	23.41	30.87	33.36	24.51	27.98
G [kg/m]	2.30	4.32	6.34	8.37	10.52	6.64	7.58
part number	SP4000N	SP4200N	SP4400N	SP4600N	SP4700N	SP8400N	SP8100N
per m charge	SP4001N	SP4201N	SP4401N	SP4601N	SP4701N	SP8401N	SP8101N
cutting charge	SB1001	SB1001	SB1002	SB1002	SB1003	SB1002	SB1002

Profiles 80



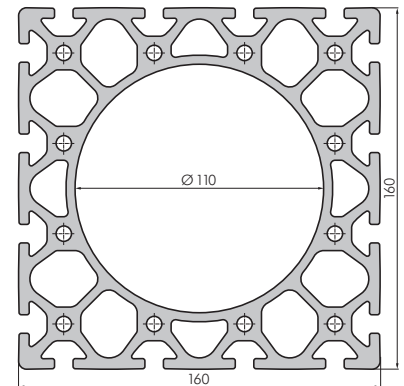
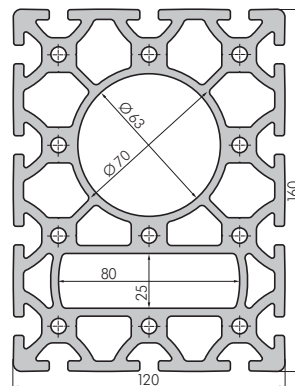
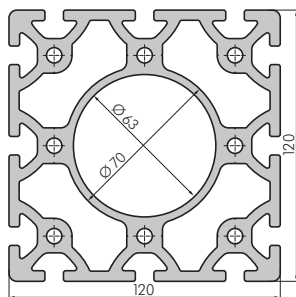
Technical Data	80 x 80 bridge	80 x 80 round	80 x 80 filled	80 x 120	80 x 160 bridge
I_x [cm ⁴]	177.21	188.31	239.66	554.55	1112.01
I_y [cm ⁴]	190.67	188.31	239.66	274.80	346.22
W_x [cm ³]	44.30	47.08	59.92	89.73	139.00
W_y [cm ³]	47.67	47.08	59.92	68.70	86.56
A [cm ²]	28.23	30.24	50.99	38.57	45.56
G [kg/m]	7.62	8.20	13.82	10.45	12.35
part number	SP8150N	SP8000N	SP8800N	SP8500N	SP8700N
per m charge	SP8151N	SP8001N	SP8801N	SP8501N	SP8701N
cutting charge	SB1002	SB1002	SB1002	SB1003	SB1003

Profiles 40



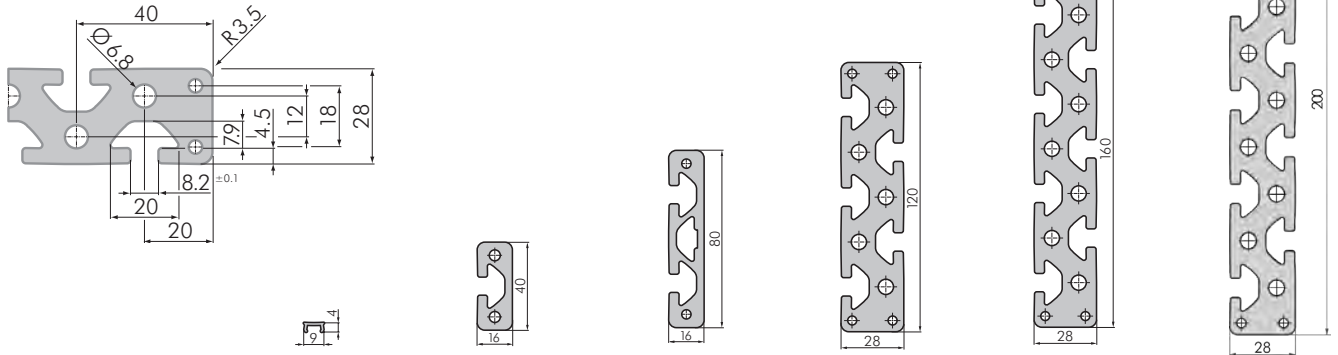
Technical Data	80 x 160 round	80 x 160 round NV	80 x 200	120 x 120
I_x [cm ⁴]	1,354.32	1,300.36	2,120.64	763.23
I_y [cm ⁴]	371.87	364.04	425.40	763.23
W_x [cm ³]	169.29	162.55	212.06	127.21
W_y [cm ³]	92.97	91.01	106.35	127.21
A [cm ²]	59.48	56.65	54.54	47.92
G [kg/m]	16.12	15.35	14.78	12.99
part number	SP8200N	SP8250N	SP8600N	SP7650N
per m charge	SP8201N	SP8251N	SP8601N	SP7651N
cutting charge	SB1003	SB1003	SB1003	SB1003

Profiles 40



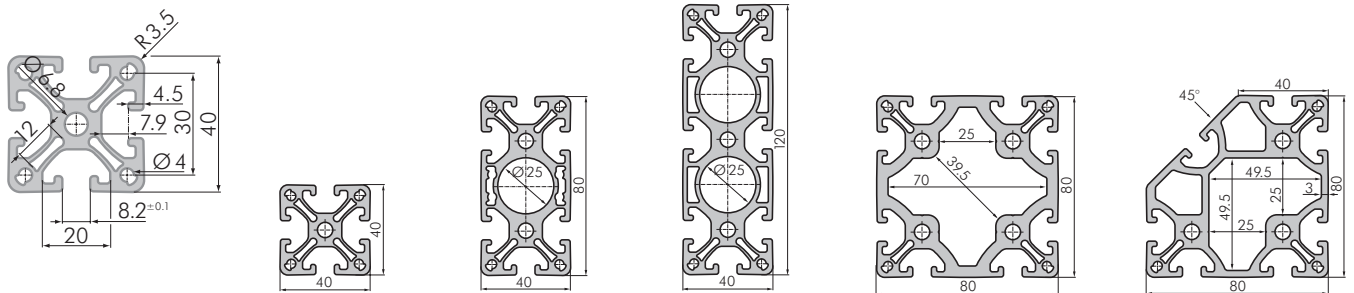
Technical Data	120 x 120 NV	120 x 160	160 x 160
I_x [cm ⁴]	772.13	1,737.86	2,230.55
I_y [cm ⁴]	772.13	1,042.18	2,230.55
W_x [cm ³]	128.69	212.97	278.82
W_y [cm ³]	128.69	173.70	278.82
A [cm ²]	48.31	66.39	74.12
G [kg/m]	13.09	17.99	20.09
part number	SP7660N	SP7670N	SP7680N
per m charge	SP7661N	SP7671N	SP7681N
cutting charge	SB1003	SB1003	SB1003

Profiles 40



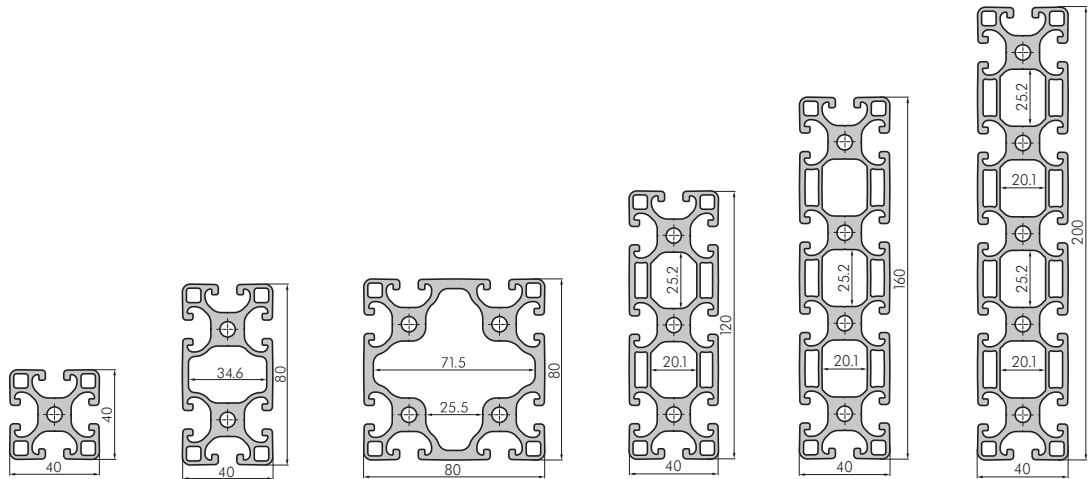
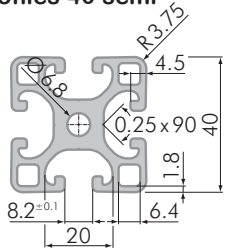
Technical Data	Cover Profile 40	16 x 40	16 x 80	28 x 120	28 x 160	28 x 200
I_x [cm ⁴]	0.00	6.95	48.99	302.71	695.74	1327.48
I_y [cm ⁴]	0.01	1.08	2.17	15.31	20.25	25.01
W_x [cm ³]	0.01	3.48	12.25	50.45	86.97	93.05
W_y [cm ³]	0.02	1.27	2.55	10.63	14.16	2.5
A [cm ²]	0.11	4.26	7.82	23.10	30.36	37.37
G [kg/m]	0.03	1.15	2.12	6.26	8.23	9.94
part number (natural)	SP7900N	SP3000N	SP3100N	SP3300N	SP3400N	SP3450N
per m charge (natural)	SP7901N	SP3001N	SP3101N	SP3301N	SP3401N	SP3451N
part number (black)	SP7900S	SP3000S				
per m charge (black)	SP7901S	SP3001S				
cutting charge	SB1001	SB1001	SB1001	SB1002	SB1002	SB1003

Profiles 40 double bridge



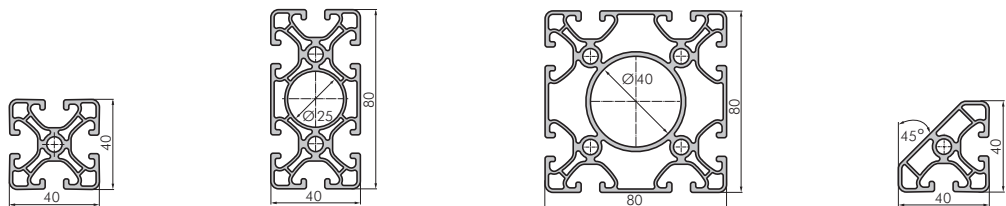
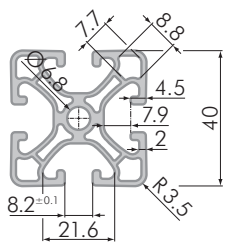
Technical Data	40 x 40 double bridge	40 x 80 double bridge	40 x 120 double bridge	80 x 80 double bridge	80 x 80 7N double bridge
I_x [cm ⁴]	10.16	73.74	234.92	146.92	108.12
I_y [cm ⁴]	10.16	19.88	28.94	146.92	108.12
W_x [cm ³]	5.08	18.44	39.15	36.73	24.74
W_y [cm ³]	5.08	9.94	14.47	36.73	24.74
A [cm ²]	6.54	12.64	18.03	21.56	17.88
G [kg/m]	1.77	3.43	4.89	5.84	4.85
part number	SP5100N	SP5300N	SP5220N	SP5500N	SP5470N
per m charge	SP5101N	SP5301N	SP5221N	SP5501N	SP5471N
cutting charge	SB1001	SB1001	SB1002	SB1002	SB1002

Profiles 40 semi



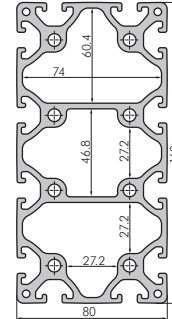
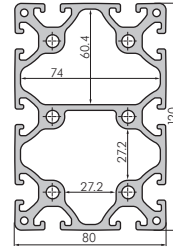
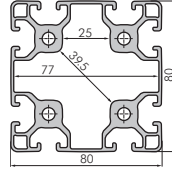
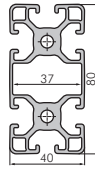
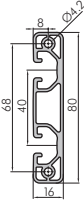
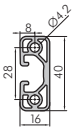
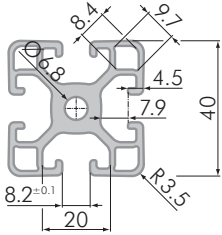
Technical Data	40 x 40 semi	40 x 80 semi	80 x 80 semi	40 x 120 semi	40 x 160 semi	40 x 200 semi
I_x [cm ⁴]	9.17	69.49	134.28	222.70	520.54	970.93
I_y [cm ⁴]	9.17	17.43	134.28	26.14	35.67	43.03
W_x [cm ³]	4.59	17.37	33.57	37.12	65.07	97.09
W_y [cm ³]	4.59	8.72	33.57	13.07	17.84	21.52
A [cm ²]	6.44	11.18	19.37	16.74	22.82	26.98
G [kg/m]	1.75	3.03	5.25	4.52	6.16	7.31
part number (natural)	SP5050N	SP5250N	SP5450N	SP4450N	SP4650N	SP5350N
per m charge (natural)	SP5051N	SP5251N	SP5451N	SP4451N	SP4651N	SP5351N
part number (black)	SP5050S	SP5250S				
per m charge (black)	SP5051S	SP5251S				
cutting charge	SB1001	SB1001	SB1002	SB1002	SB1003	SB1003

Profiles 40 superlight

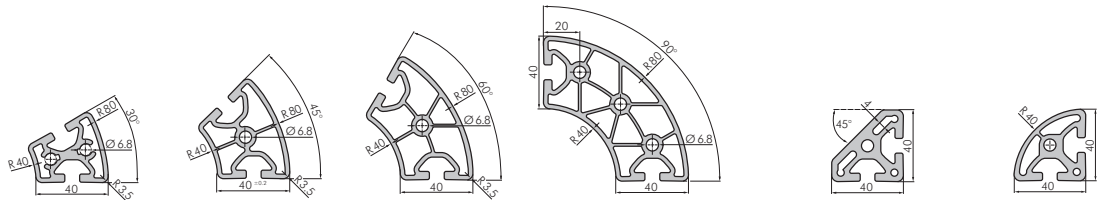


Technical Data	40 x 40 superlight	40 x 80 superlight	80 x 80 superlight	40 x 40 egde superlight
I_x [cm ⁴]	7.96	56.96	95.10	5.22
I_y [cm ⁴]	7.96	15.02	95.10	5.22
W_x [cm ³]	3.98	14.24	23.78	2.24
W_y [cm ³]	3.98	7.51	23.78	2.24
A [cm ²]	5.14	9.16	13.93	3.88
G [kg/m]	1.39	2.48	3.78	1.05
part number	SP5600N	SP5700N	SP5800N	SP5670N
per m charge	SP5601N	SP5701N	SP5801N	SP5671N
cutting charge	SB1001	SB1001	SB1002	SB1001

Profiles 40 light

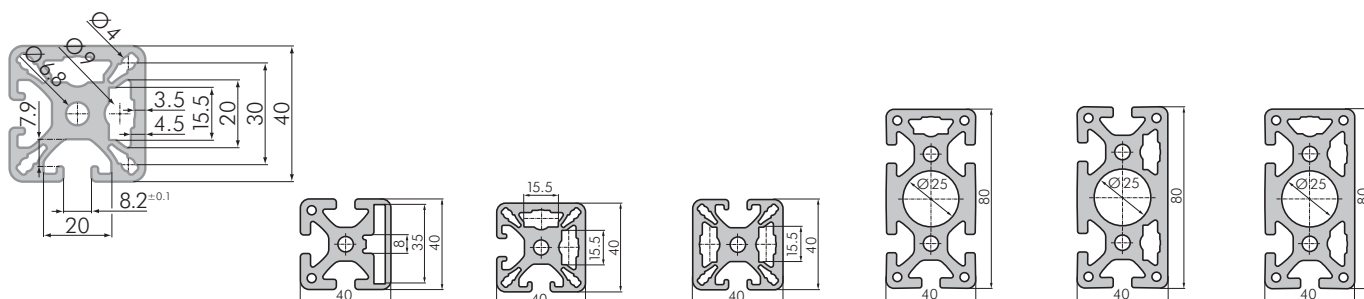


Technical Data	16 x 40 light	40 x 40 light	16 x 80 light	40 x 80 light	80 x 80 light	80 x 120 light	80 x 160 light	20 x 120 light	20 x 240 light
I _x [cm ⁴]	4.49	7.82	30.00	60.79	105.13	418.05	906.61	117,96	912,88
I _y [cm ⁴]	0.75	7.82	1.46	14.06	105.13	201.67	260.24	3,97	7,81
W _x [cm ³]	2.25	3.91	7.50	15.20	26.28	69.44	113.33	19,66	76,07
W _y [cm ³]	1.01	3.91	1.69	7.03	26.28	50.42	65.06	3,88	7,73
A [cm ²]	2.73	5.67	4.55	9.80	15.56	26.20	33.30	9,4	18,6
G [kg/m]	0.74	1.54	1.23	2.65	4.22	7.10	9.02	2,28	4,55
part number	SP3050N	SP5000N	SP3150N	SP5200N	SP5400N	SP5420N	SP5440N	SP3500N	SP3600N
per m charge	SP3051N	SP5001N	SP3151N	SP5201N	SP5401N	SP5421N	SP5441N	SP3501N	SP3601N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1002	SB1003	SB1003	SB1002	SB1003



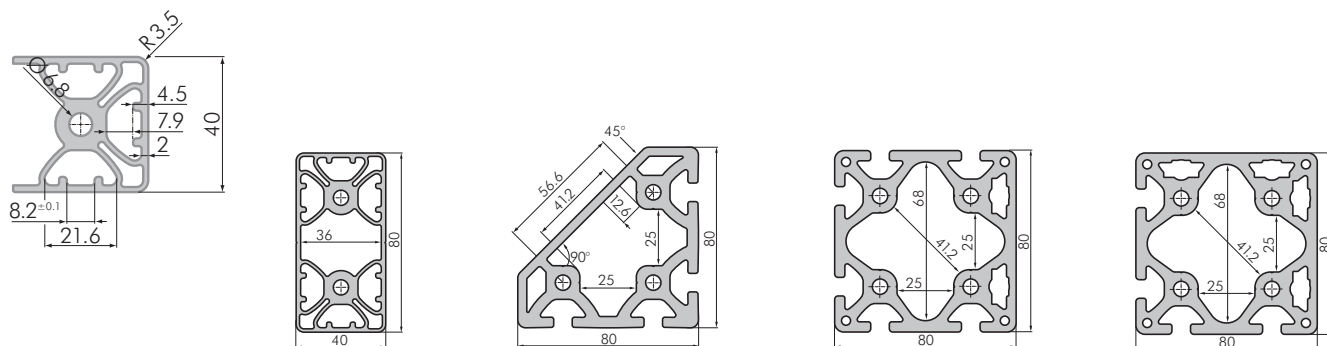
Technical Data	R40/80 30°	R40/80 45°	R40/80 60°	R40/80 90°	40/40 edge	40/40 R90
I _x [cm ⁴]	6.09	16.26	30.40	66.03	8.88	8.21
I _y [cm ⁴]	8.48	11.85	19.27	66.03	8.88	8.21
W _x [cm ³]	2.67	5.06	7.94	16.14	3.89	3.54
W _y [cm ³]	3.59	4.59	6.40	16.14	3.89	3.54
A [cm ²]	5.79	7.09	8.30	12.69	6.92	6.23
G [kg/m]	1.57	1.92	2.25	3.44	1.88	1.69
part number	SP7250N	SP7260N	SP7270N	SP7280N	SP7200N	SP7210N
per m charge	SP7251N	SP7261N	SP7271N	SP7281N	SP7201N	SP7211N
cutting charge	SB1001	SB1001	SB1001	SB1002	SB1001	SB1001

Closed Profiles 40



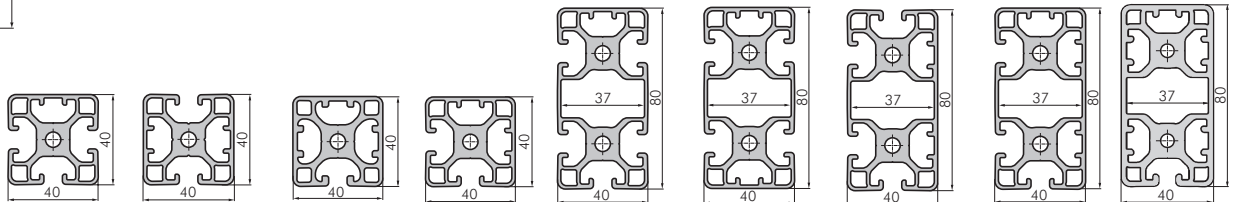
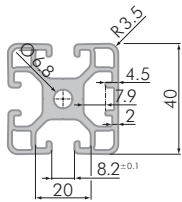
Technical Data	40 x 40 3N	40 x 40 2N 90°	40 x 40 2N 180°	40 x 80 5N	40 x 80 4N	40 x 80 3N
I_x [cm ⁴]	12.20	11.88	10.69	98.51	96.65	102.21
I_y [cm ⁴]	12.01	11.88	13.24	26.10	28.11	28.23
W_x [cm ³]	5.95	5.66	5.35	24.63	24.16	25.05
W_y [cm ³]	6.01	5.66	6.62	13.05	13.58	13.64
A [cm ²]	8.33	8.11	8.11	16.31	16.67	17.16
G [kg/m]	2.26	2.20	2.20	4.42	4.52	4.65
part number	SP7100N	SP6500N	SP6400N	SP6900N	SP6800N	SP7180N
per m charge	SP7101N	SP6501N	SP6401N	SP6901N	SP6801N	SP7181N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001

Closed Profiles 40



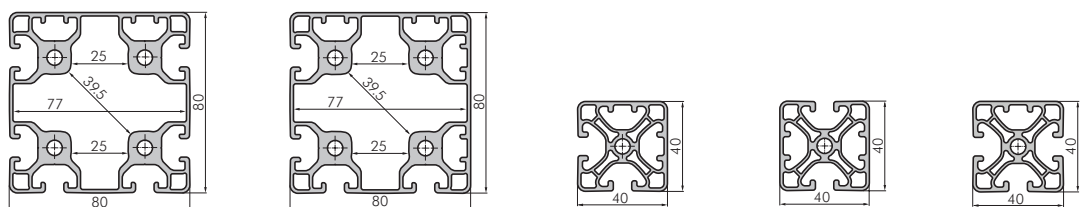
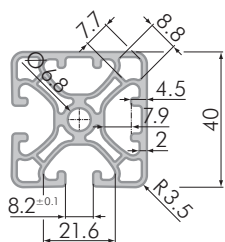
Technical Data	40 x 80 closed	80 x 80 edge	80 x 80 6N	80 x 80 4N 90°
I_x [cm ⁴]	70.39	122.08	174.34	183.37
I_y [cm ⁴]	17.57	122.08	180.22	183.37
W_x [cm ³]	17.60	25.76	43.59	44.83
W_y [cm ³]	8.79	25.76	43.96	44.83
A [cm ²]	10.74	19.79	24.63	25.51
G [kg/m]	2.91	5.36	6.67	6.91
part number	SP5900N	SP8050N	SP6600N	SP6700N
per m charge	SP5901N	SP8051N	SP6601N	SP6701N
cutting charge	SB1001	SB1002	SB1002	SB1002

Closed Profiles 40 light



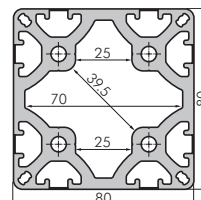
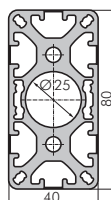
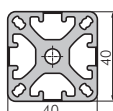
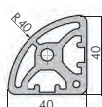
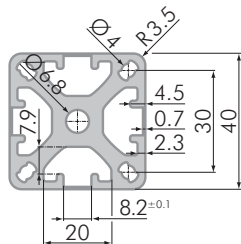
Technical Data	40 x 40 3N light	40 x 40 2N 180 light	40 x 40 1N semi	40 x 40 2N 90 light	40 x 80 5N light	40 x 80 4N 180 light	40 x 80 4N 270 light	40 x 80 3N 90 light	40 x 80 1N light
I _x [cm ⁴]	8.41	7.88	9.94	8.44	63.22	65.74	62.12	64.56	65.90
I _y [cm ⁴]	7.85	9.02	10.67	8.44	14.09	14.12	15.23	15.26	16.49
W _x [cm ³]	4.10	3.94	4.84	4.12	15.57	16.44	15.53	15.90	16.23
W _y [cm ³]	3.93	4.51	5.34	4.12	7.05	7.06	7.39	7.41	8.25
A [cm ²]	5.83	5.99	7.04	5.99	9.95	10.12	10.12	10.28	10.60
G [kg/m]	1.58	1.62	1.92	1.62	2.70	2.74	2.74	2.78	2.86
part number (natural)	SP5510N	SP5520N	SP5480N	SP5530N	SP5540N	SP5550N	SP5560N	SP5570N	SP5680N
per m charge (natural)	SP5511N	SP5521N	SP5481N	SP5531N	SP5541N	SP5551N	SP5561N	SP5571N	SP5681N
part number (black)				SP5530S					
per m charge (black)				SP5531S					
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001

Closed Profiles 40 light/superlight



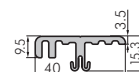
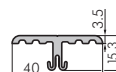
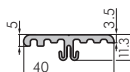
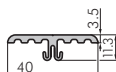
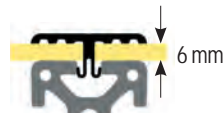
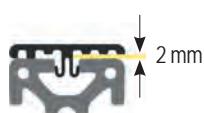
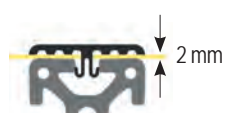
Technical Data	80 x 80 6N light	80 x 80 4N 90° light	40 x 40 2N 90° superlight	40 x 40 2N 180° superlight	40 x 40 3N superlight
I _x [cm ⁴]	109.99	111.33	8.48	7.93	8.45
I _y [cm ⁴]	106.47	111.33	8.48	9.06	7.90
W _x [cm ³]	26.96	27.29	4.12	3.97	4.10
W _y [cm ³]	26.62	27.29	4.12	4.53	3.95
A [cm ²]	15.88	16.20	5.40	5.40	5.24
G [kg/m]	4.30	4.39	1.46	1.46	1.42
part number	SP5580N	SP5590N	SP5620N	SP5630N	SP5640N
per m charge	SP5581N	SP5591N	SP5621N	SP5631N	SP5641N
cutting charge	SB1002	SB1002	SB1001	SB1001	SB1001

Tear-Off Profiles



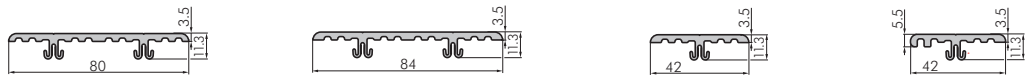
Technical Data	Tear-Off Profile 40 / 40 R90	Tear-Off Profile 40 x 40 0/4N	Tear-Off Profile 40 x 80 0/6N	Tear-Off Profile 80 x 80 0/8N
I_x [cm ⁴]	8,03	11,73	85,73	162,66
I_y [cm ⁴]	8,03	11,73	21,52	162,66
W_x [cm ³]	3,51	5,87	21,43	40,66
W_y [cm ³]	3,51	5,87	10,76	40,66
A [cm ²]	6,08	7,88	13,93	23,34
G [kg/m]	1,64	2,14	3,78	6,67
part number	SP3930N	SP3900N	SP3910N	SP3920N
per m charge	SP3931N	SP3901N	SP3911N	SP3921N
cutting charge	SB1001	SB1001	SB1001	SB1002

Profiles 40 For Protective Walls



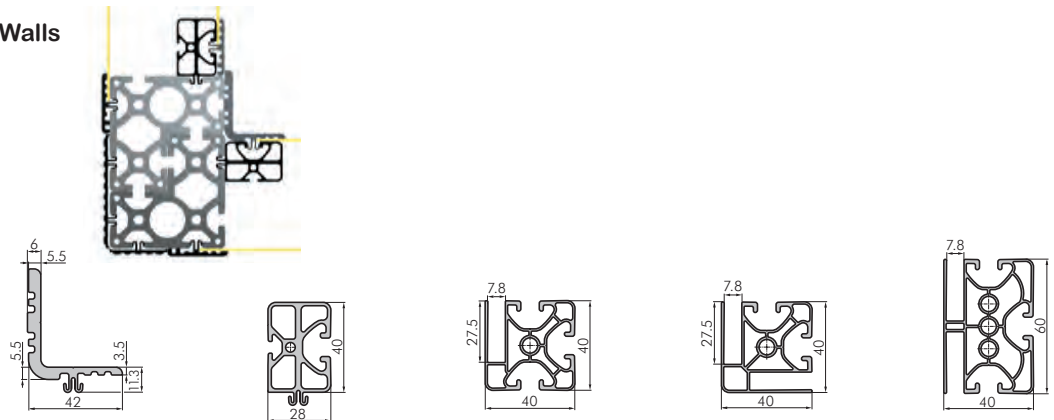
Technical Data	Blend Profile 40 / 2 180°	Blend Profile 40 / 2 90°	Blend Profile 40 / 6 180°	Blend Profile 40 / 6 90°
I_x [cm ⁴]	0.11	0.12	0.27	0.30
I_y [cm ⁴]	1.40	1.63	1.41	2.17
W_x [cm ³]	0.13	0.14	0.24	0.15
W_y [cm ³]	0.70	0.78	0.70	0.95
A [cm ²]	1.38	1.48	1.58	1.95
G [kg/m]	0.37	0.40	0.43	0.53
part number	SP0570N	SP0580N	SP0510N	SP0520N
per m charge	SP0571N	SP0581N	SP0511N	SP0521N
cutting charge	SB1001	SB1001	SB1001	SB1001

Profiles 40 For Protective Walls



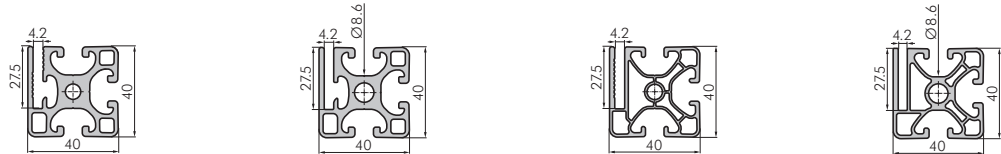
Technical Data	Blend Profile 80 / 2 180°	Blend Profile 84 / 2 180°	Blend Profile 44 / 2 180°	Blend Profile 42 / 2 90°
lx [cm ⁴]	0.23	0.23	0.12	0.12
ly [cm ⁴]	14.19	16.46	1.98	2.01
Wx [cm ³]	0.27	0.27	0.14	0.14
Wy [cm ³]	3.55	3.92	0.90	0.91
A [cm ²]	2.90	3.04	1.56	1.63
G [kg/m]	0.79	0.82	0.42	0.44
part number	SP0360N	SP0380N	SP0330N	SP0340N
per m charge	SP0361N	SP0381N	SP0331N	SP0341N
cutting charge	SB1001	SB1001	SB1001	SB1001
Price and delivery time		on request	on request	on request

Profiles 40 For Protective Walls Panel Thickness 7.8 mm



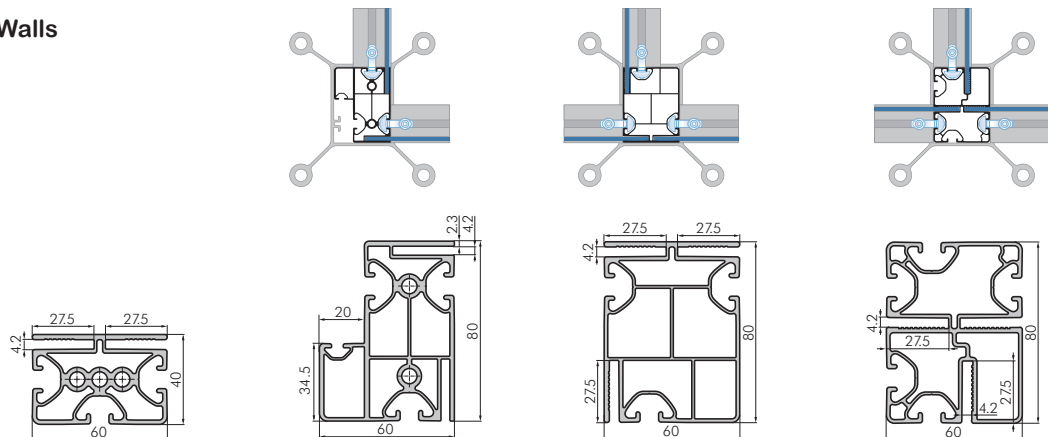
Technical Data	Blend Corner Profile 40	Edge Stop Profile 40	Mesh Guarding Profile 40	Mesh Guarding Profile 40 90°	Mesh Guarding Profile 40 180°
lx [cm ⁴]	9.60	7.06	5.90	5.34	8.13
ly [cm ⁴]	4.66	2.89	5.74	5.34	1.64
Wx [cm ³]	2.89	2.89	0.29	0.26	0.27
Wy [cm ³]	1.47	2.05	0.27	0.26	0.08
A [cm ²]	3.87	4.14	3.67	3.47	5.06
G [kg/m]	1.05	1.12	0.99	0.94	1.37
part number	SP0420N	SP6120N	SP6300N	SP6310N	SP6320N
per m charge	SP0421N	SP6121N	SP6301N	SP6311N	SP6321N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001
Price and delivery time	on request	on request			

Profiles 40 For Protective Walls
Panel Thickness 4 mm



Technical Data	Protection Wall Profile 40 / 4 semi	Protection Wall Profile 40 / 4-8.6 semi	Protection Wall Profile 40 / 4	Protection Wall Profile 40 / 4-8.6
I_x [cm ⁴]	9.17	9.15	7.87	7.90
I_y [cm ⁴]	9.76	9.74	8.47	8.50
W_x [cm ³]	4.56	4.55	3.88	3.90
W_y [cm ³]	4.75	4.74	4.13	4.15
A [cm ²]	6.67	6.45	5.11	5.18
G [kg/m]	1.80	1.74	1.38	1.40
part number	SP6340N	SP6280N	SP6350N	SP6270N
per m charge	SP6341N	SP6281N	SP6351N	SP6271N
cutting charge	SB1001	SB1001	SB1001	SB1001

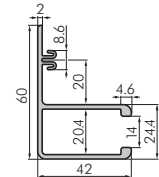
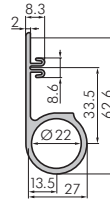
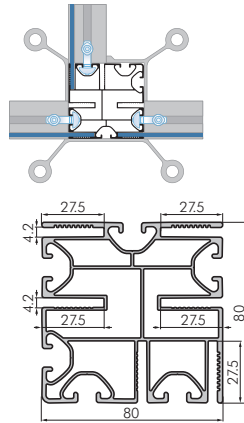
Profiles 40 For Protective Walls
Panel Thickness 4 mm



Technical Data	Protection Wall Profile 40 / 4 180°	Protection Wall Support Leg Door Profile 60 x 80	Protection Wall Support Leg Profile 60 x 80	Protection Wall Support Leg Profile 60 x 80 5N
I_x [cm ⁴]	12.66	65.37	70.71	63.14
I_y [cm ⁴]	24.57	29.27	38.18	38.70
W_x [cm ³]	6.00	15.46	16.44	15.62
W_y [cm ³]	8.18	8.18	12.10	12.47
A [cm ²]	7.47	9.85	9.16	9.90
G [kg/m]	2.02	2.66	2.47	2.67
part number	SP6360N	SP6380N	SP6370N	SP6450N
per m charge	SP6361N	SP6381N	SP6371N	SP6451N
cutting charge	SB1001	SB1002	SB1002	SB1002

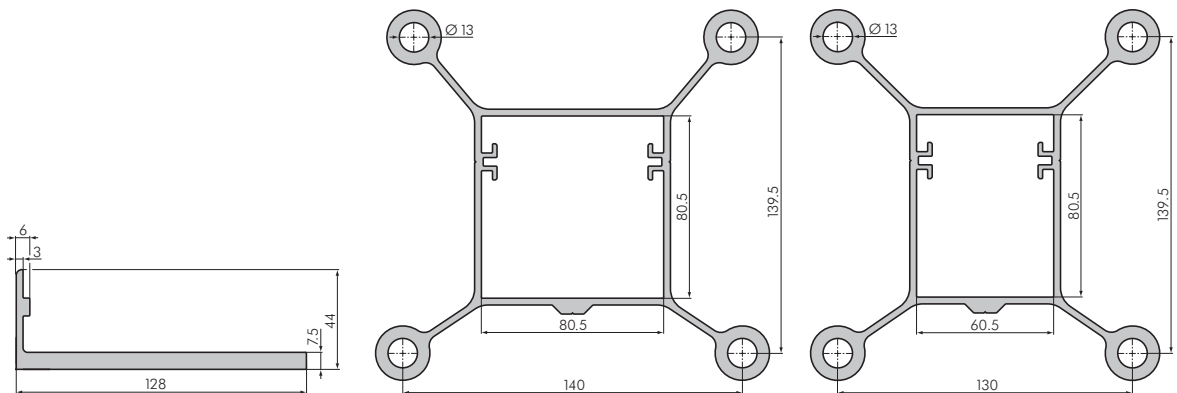
Profiles 40 For Protective Walls

Panel Thickness 4 mm



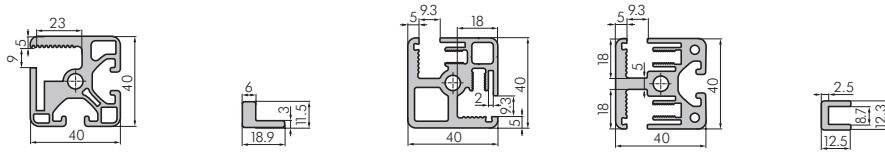
Technical Data	Protection Wall Support Leg Profile 80 x 80	Wiring Duct Ø27	Wiring Duct 42 x 60
I_x [cm ⁴]	88.41	8.64	9.29
I_y [cm ⁴]	87.72	2.54	6.84
W_x [cm ³]	21.58	2.23	2.39
W_y [cm ³]	21.66	1.44	2.48
A [cm ²]	12.51	3.15	3.25
G [kg/m]	3.38	0.85	0.88
part number	SP6330N	SP6460N	SP6390N
per m charge	SP6331N	SP6461N	SP6391N
cutting charge	SB1002	SB1001	SB1001
Price and delivery time		on request	on request

Profiles 40 For Protective Walls



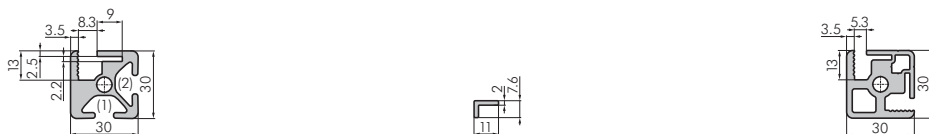
Technical Data	Door Jam Profile	Mounting Foot Profile 80 x 80	Mounting Foot Profile 60 x 80
I_x [cm ⁴]	5.831	867.94	852.58
I_y [cm ⁴]	177.236	917.45	697.14
W_x [cm ³]	1.55	103.02	102.06
W_y [cm ³]	24.78	105.45	90.54
A [cm ²]	10.925	28.11	27.12
G [kg/m]	2.95	7.59	7.32
part number	SP0410N	SP0530N	SP0560N
per m charge	SP0411N	SP0531N	SP0561N
cutting charge	SB1002	SB1003	SB1003

Clamp Profiles 40



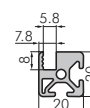
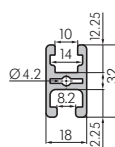
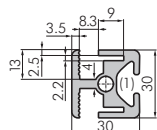
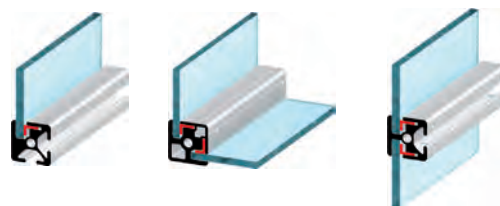
Technical Data	Clamp Profile 40	Clamp Strip 40	Clamp Profile 40 90°	Clamp Profile 40 180°	Clamp Strip 40 180°
I_x [cm ⁴]	9.20	0.12	10.11	10.19	0.14
I_y [cm ⁴]	10.30	0.29	10.11	12.01	0.94
W_x [cm ³]	4.49	0.17	4.89	5.10	0.22
W_y [cm ³]	5.05	0.23	4.89	5.80	1.19
A [cm ²]	6.76	1.07	6.74	7.23	0.66
G [kg/m]	1.83	0.29	1.83	1.96	0.18
part number	SP7500N	SP6000N	SP7520N	SP7510N	SP6010N
per m charge	SP7501N	SP6001N	SP7521N	SP7511N	SP6011N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001

Clamp Profiles 30 midi



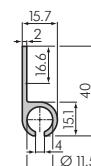
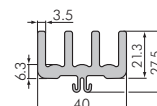
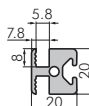
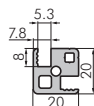
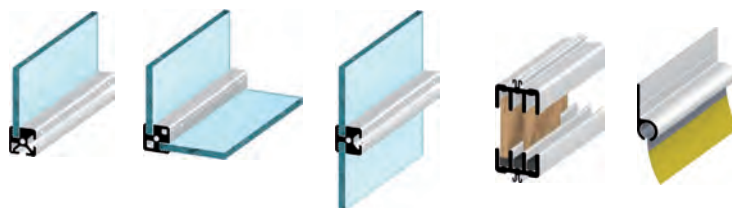
Technical Data	Clamp Profile 30 midi	Clamp Strip 30 midi	Clamp Profile 30 90° midi
I_x [cm ⁴]	3.75	0.01	4.17
I_y [cm ⁴]	3.88	0.04	4.17
W_x [cm ³]	2.31	0.03	2.69
W_y [cm ³]	2.54	0.05	2.69
A [cm ²]	4.31	0.33	5.42
G [kg/m]	1.17	0.09	1.47
part number	SP1550N	SP6050N	SP1540N
per m charge	SP1551N	SP6051N	SP1541N
cutting charge	SB1001	SB1001	SB1001

Clamp Profiles 30 midi



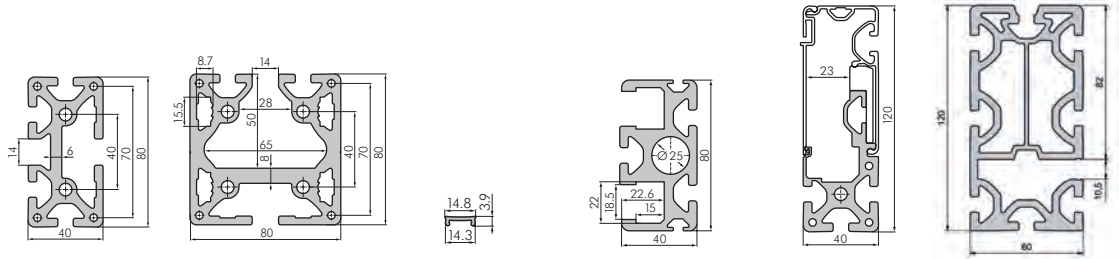
Technical Data	Clamp Profile 30 180° midi	Clamp Profile 18 x 32 midi	Clamp Profile 20 mini
lx [cm ⁴]	3.75	1.87	0.78
ly [cm ⁴]	3.88	1.10	0.79
Wx [cm ³]	2.31	1.16	0.73
Wy [cm ³]	2.54	1.22	0.78
A [cm ²]	4.31	2.48	2.17
G [kg/m]	1.17	0.67	0.59
part number	SP1560N	SP7030N	SP2010N
per m charge	SP1561N	SP7031N	SP2011N
cutting charge	SB1001	SB1001	SB1001

Clamp Profiles 20 mini, Sliding Door Profile, Tent Profile



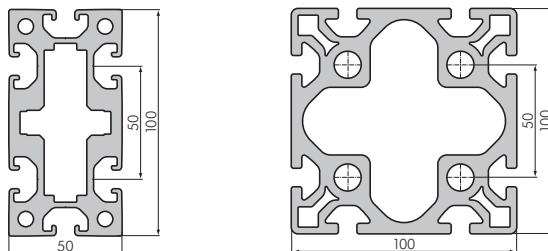
Technical Data	Clamp Profile 20 90° mini	Clamp Profile 20 180° mini	Sliding Door Profile 40	Tent Profile
lx [cm ⁴]	0.83	0.87	1.92	1.61
ly [cm ⁴]	0.83	0.76	6.84	0.37
Wx [cm ³]	0.82	0.87	13.61	0.65
Wy [cm ³]	0.82	0.71	3.42	0.35
A [cm ²]	2.41	2.37	4.46	1.44
G [kg/m]	0.65	0.64	1.21	0.39
part number	SP2050N	SP2020N	SP0400N	SP0700N
per m charge	SP2051N	SP2021N	SP0401N	SP0701N
cutting charge	SB1001	SB1001	SB1001	SB1001

Open Profiles / Roller Conveyor Profiles



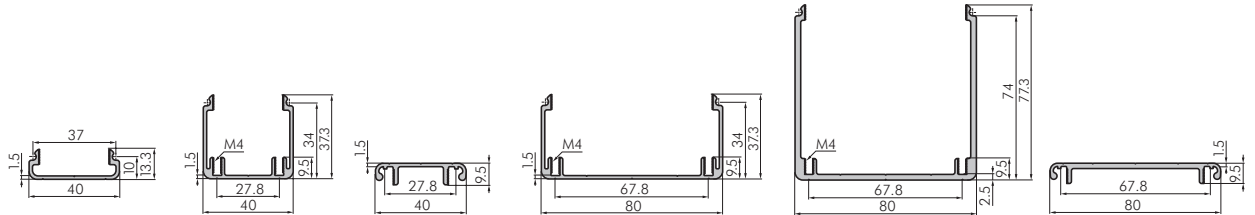
Technical Data	40 x 80, open	80 x 80, open	Cover Profile 14	Chain Guide Profile 41 x 80	Roller Conveyor Profile 40 x 120	Timing belt conveyer profile 60 x 120
I_x [cm ⁴]	93.83	199.39	0.00	79.03	208.99	395.74
I_y [cm ⁴]	21.41	150.37	0.05	20.10	26.93	104.76
W_x [cm ³]	23.46	49.85	0.01	34.90	30.58	65.26
W_y [cm ³]	10.50	37.59	0.07	5.02	10.67	34.36
A [cm ²]	14.01	25.26	0.20	13.81	15.89	25.47
G [kg/m]	3.80	6.85	0.05	3.73	4.31	6.88
part number	SP2610N	SP2620N	SP7910N	SP0790N	SP0800N	SP0820N
per m charge	SP2611N	SP2621N	SP7911N	SP0791N	SP0801N	SP0821N
cutting charge	SB1001	SB1002	SB1001	SB1001	SB1003	SB1002
Price and delivery time				on request		

Profiles 50 x 100, 100 x 100



Technical Data	50 x 100	100 x 100
I_x [cm ⁴]	214.51	404.84
I_y [cm ⁴]	61.70	404.84
W_x [cm ³]	42.90	80.97
W_y [cm ³]	24.68	80.97
A [cm ²]	21.61	36.76
G [kg/m]	5.80	9,92
part number	SP3800N	SP3850N
per m charge	SP3801N	SP3851N
cutting charge	SB1002	SB1003

Wiring Ducts



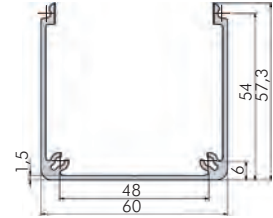
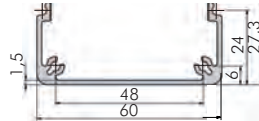
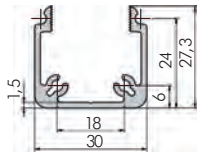
Technical Data	Wiring Duct 16 x 40	Wiring Duct 40 x 40	Wiring Duct Cover 40	Wiring Duct 40 x 80	Wiring Duct 80 x 80	Wiring Duct Cover 80
I_x [cm ⁴]	0.15	3.13	0.08	3.74	37.60	0.10
I_y [cm ⁴]	2.18	5.93	2.01	29.82	70.95	14.91
W_x [cm ³]	0.16	1.24	0.12	1.36	7.17	0.14
W_y [cm ³]	1.09	2.97	1.01	7.46	17.74	3.73
A [cm ²]	1.04	2.28	1.17	2.87	6.14	2.37
G [kg/m]	0.28	0.62	0.32	0.78	1.66	0.64
part number	SP1300N	SP1310N	SP1370N	SP1320N	SP1330N	SP1380N
per m charge	SP1301N	SP1311N	SP1371N	SP1321N	SP1331N	SP1381N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001

Wiring Ducts



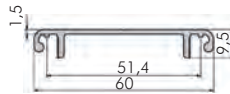
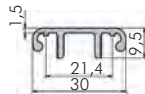
Technical Data	Wiring Duct 80 x 120	Wiring Duct Cover 120
I_x [cm ⁴]	42.39	0.11
I_y [cm ⁴]	175.96	46.70
W_x [cm ³]	7.60	0.15
W_y [cm ³]	29.33	7.78
A [cm ²]	7.14	3.37
G [kg/m]	1.93	0.91
part number	SP1340N	SP1390N
per m charge	SP1341N	SP1391N
cutting charge	SB1002	SB1002

Wiring Ducts



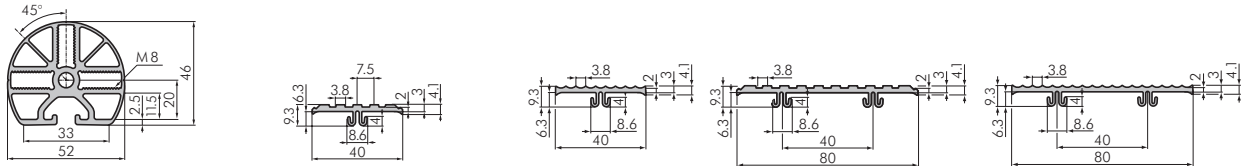
Technical Data	Wiring Duct 30 x 30	Wiring Duct 30 x 60	Wiring Duct 60 x 60
I_x [cm ⁴]	1.22	1.46	11.28
I_y [cm ⁴]	2.47	13.02	20.73
W_x [cm ³]	0.66	0.73	2.89
W_y [cm ³]	1.65	4.34	6.91
A [cm ²]	1.83	2.28	3.18
G [kg/m]	0.49	0.61	0.86
part number	SP1250N	SP1260N	SP1270N
per m charge	SP1251N	SP1261N	SP1271N
cutting charge	SB1001	SB1001	SB1001

Wiring Ducts



Technical Data	Wiring Duct Cover 30	Wiring Duct Cover 60
I_x [cm ⁴]	0.07	0.09
I_y [cm ⁴]	0.89	6.11
W_x [cm ³]	0.11	0.13
W_y [cm ³]	0.59	2.04
A [cm ²]	1.02	1.47
G [kg/m]	0.28	0.4
part number	SP1280N	SP1290N
per m charge	SP1281N	SP1291N
cutting charge	SB1001	SB1001

Tread and Step Profiles



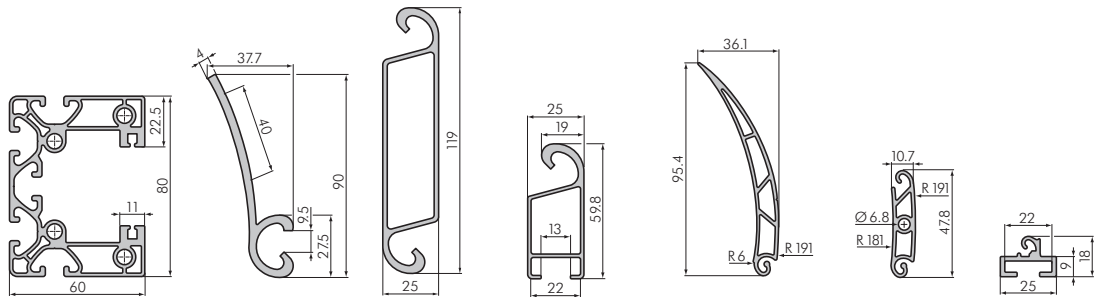
Technical Data	Hand Rail Profile	Tread Plate 40	Tread Plate 40W	Tread Plate 80	Tread Plate 80W
I_x [cm ⁴]	11.19	0.06	0.05	0.12	0.11
I_y [cm ⁴]	13.57	1.34	1.34	12.32	12.20
W_x [cm ³]	4.48	0.09	0.08	0.18	0.17
W_y [cm ³]	5.22	0.67	0.67	3.12	3.05
A [cm ²]	7.22	1.25	1.18	2.47	2.34
G [kg/m]	1.96	0.34	0.32	0.67	0.63
part number	SP0600N	SP0640N	SP0660N	SP0630N	SP0650N
per m charge	SP0601N	SP0641N	SP0661N	SP0631N	SP0651N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1003

Step Profiles



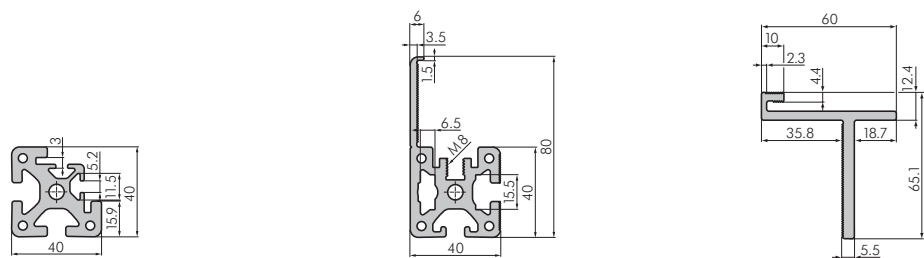
Technical Data	Step Profile 43 x 100	Step Profile 43 x 150
I_x [cm ⁴]	15.37	18.57
I_y [cm ⁴]	130.66	356.07
W_x [cm ³]	5.57	6.29
W_y [cm ³]	26.13	46.95
A [cm ²]	9.27	12.40
G [kg/m]	2.51	3.36
part number	SP0610N	SP0620N
per m charge	SP0611N	SP0621N
cutting charge	SB1001	SB1002

Roller Door Profiles



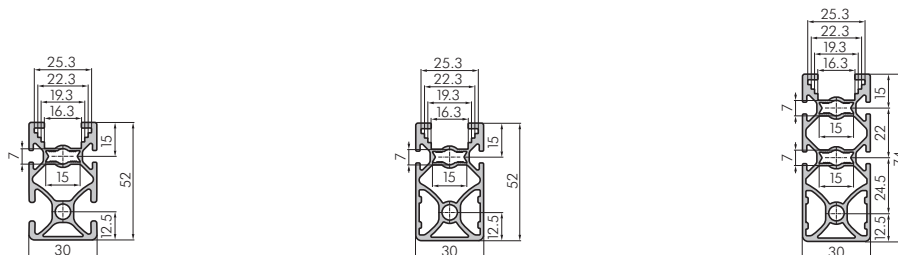
Technical Data	Roller Door Side Track Profile	Roller Door Connector	Roller Door Pr.	Roller Door End Profile	Roller Door Connector 10	Roller Door Pr. 10 x 40	Roller Door End Profile 10
I_x [cm ⁴]	83.79	32.83	93.71	11.80	26.10	3.44	0.32
I_y [cm ⁴]	44.75	4.00	5.58	2.50	2.69	0.25	0.81
W_x [cm ³]	20.95	2.05	15.75	3.63	5.31	1.43	0.30
W_y [cm ³]	13.69	6.30	4.46	1.77	1.11	0.45	0.62
A [cm ²]	11.08	4.61	6.29	3.13	3.53	2.02	1.39
G [kg/m]	3.00	1.25	1.70	0.85	0.95	0.55	0.38
part number	SP0740N	SP0730N	SP0720N	SP0710N	SP0680N	SP0670N	SP0770N
per m charge	SP0741N	SP0731N	SP0721N	SP0711N	SP0681N	SP0671N	SP0771N
cutting charge	SB1002	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001
Price and delivery time		on request	on request	on request	on request	on request	on request

Table Profiles



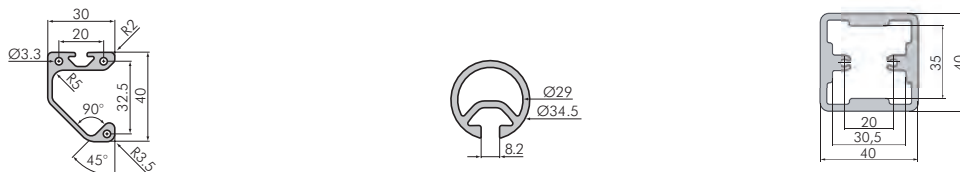
Technical Data	Table Profile 40 x 40	Table Profile 40 x 80	Support Rail For Table Profile
I_x [cm ⁴]	9.96	31.49	18.80
I_y [cm ⁴]	9.96	16.80	12.28
W_x [cm ³]	4.44	5.74	4.53
W_y [cm ³]	4.44	7.24	3.83
A [cm ²]	7.45	9.61	5.60
G [kg/m]	2.02	2.61	1.52
part number	SP7000N	SP2500N	SP0500N
per m charge	SP7001N	SP2501N	SP0501N
cutting charge	SB1001	SB1001	SB1001

Cabinet Profiles



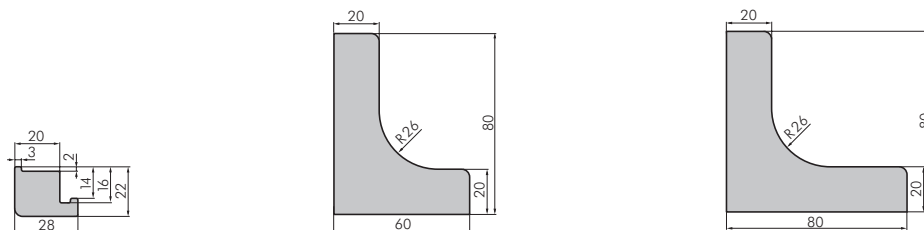
Technical Data	Cabinet Profile 30 x 52, open	Cabinet Profile 30 x 52	Cabinet Profile 30 x 74
l _x [cm ⁴]	12.77	13.05	110.67
l _y [cm ⁴]	5.14	5.44	70.05
W _x [cm ³]	4.72	4.79	20.23
W _y [cm ³]	3.43	3.62	11.39
A [cm ²]	4.72	4.88	6.56
G [kg/m]	1.28	1.32	1.77
part number	SP1800N	SP1810N	SP1820N
per m charge	SP1801N	SP1811N	SP1821N
cutting charge	SB1001	SB1001	SB1001
Price and delivery time	on request	on request	on request

Cabinet Profiles



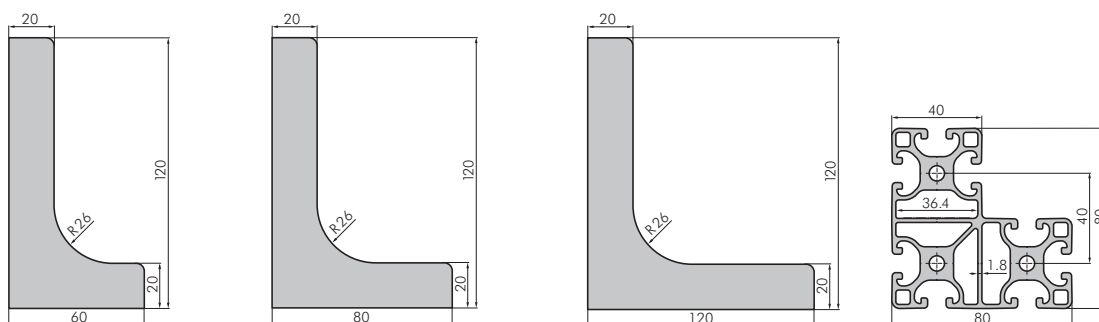
Technical Data	Handle Strip Profile 30 x 40	Telescope Profile Ø 34.5	Telescope Profile 40 x 40
l _x [cm ⁴]	5.88	3.69	10,58
l _y [cm ⁴]	2.85	4.37	11,59
W _x [cm ³]	3.83	2.06	5,29
W _y [cm ³]	1.80	2.50	5,79
A [cm ²]	2.98	3.77	5,76
G [kg/m]	0.80	1.00	1,56
part number	SP0590N	SP1900N	SB3700N
per m charge	SP0591N	SP1901N	SB3701N
cutting charge	SB1001	SB1001	SB1001

Angle Profiles



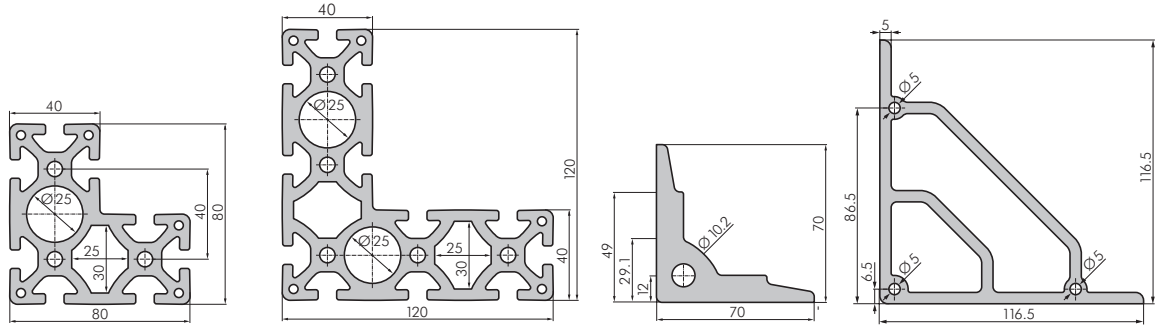
Technical Data	Clamp Profile 22 x 28	Angle Profile 60 x 80	Angle Profile 80 x 80
I_x [cm ⁴]	1.62	135.91	150.69
I_y [cm ⁴]	2.37	64.41	150.69
W_x [cm ³]	1.29	27.02	28.45
W_y [cm ³]	1.44	16.22	28.45
A [cm ²]	4.58	25.40	29.40
G [kg/m]	1.24	6.88	7.97
part number	SP6100N	SP9300N	SP9400N
per m charge	SP6101N	SP9301N	SP9401N
cutting charge	SB1001	SB1002	SB1002

Angle Profiles



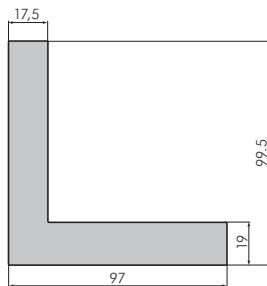
Technical Data	Angle Profile 60 x 120	Angle Profile 80 x 120	Angle Profile 120 x 120	Angle Profile 40 x 80 / 80 semi
I_x [cm ⁴]	445.95	49.49	567.72	90.82
I_y [cm ⁴]	73.52	17.16	567.72	90.82
W_x [cm ³]	60.67	6.39	68.29	19.69
W_y [cm ³]	17.55	3.03	68.29	19.69
A [cm ²]	33.40	37.40	45.40	16.62
G [kg/m]	9.05	10.13	12.26	4.50
part number	SP7800N	SP7850N	SP7860N	SP5150N
per m charge	SP7801N	SP7851N	SP7861N	SP5151N
cutting charge	SB1002	SB1003	SB1003	SB1002

Angle Profiles



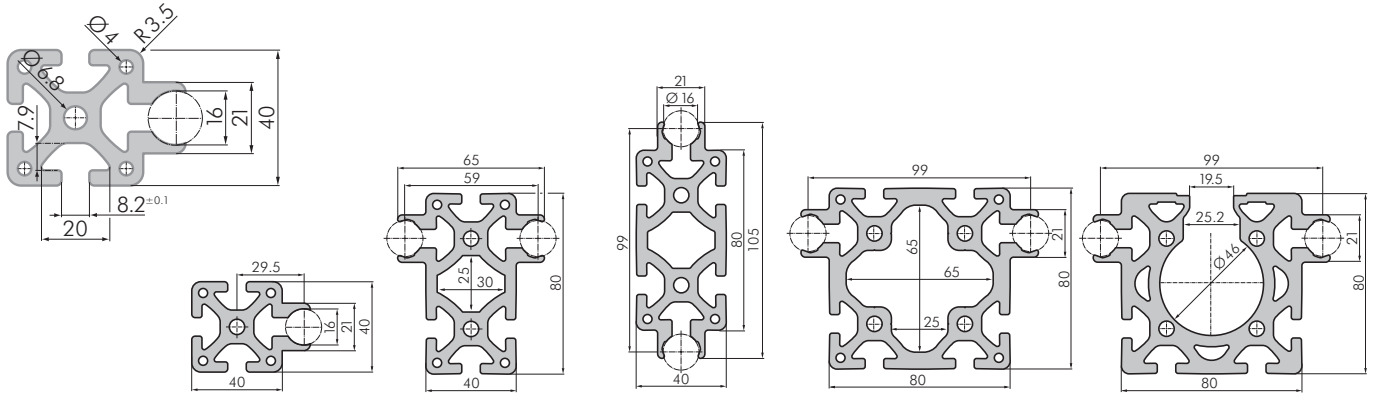
Technical Data	Angle Profile 40 x 80 / 80	Angle Profile 40 x 120 / 120	Angle Profile 70 x 70	Angle Profile 120 x 120 bridge
I_x [cm ⁴]	125.71	471.16	46.02	225.29
I_y [cm ⁴]	127.71	471.16	46.02	225.29
W_x [cm ³]	27.03	62.32	9.17	28.63
W_y [cm ³]	27.03	62.32	9.17	28.63
A [cm ²]	22.91	37.47	13.70	21.51
G [kg/m]	6.21	10.15	3.71	5.83
part number	SP4800N	SP4500N	SP9450N	SP6200N
per m charge	SP4801N	SP4501N	SP9451N	SP6201N
cutting charge	SB1002	SB1003	SB1002	SB1003

Angle Profiles



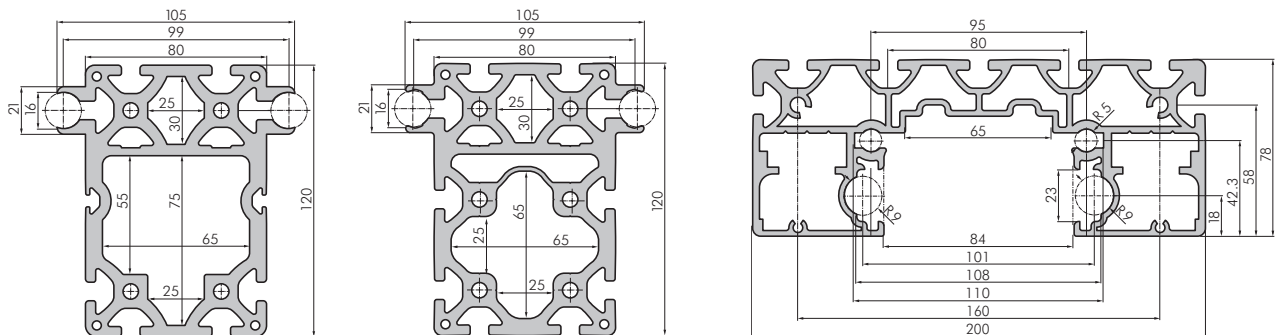
Technical Data	Angle Profile 100 x 100
I_x [cm ⁴]	279.18
I_y [cm ⁴]	274.20
W_x [cm ³]	40.79
W_y [cm ³]	41.72
A [cm ²]	32.52
G [kg/m]	8.78
part number	SP9480N
per m charge	SP9481N
cutting charge	SB1003

Linear Actuator System 16



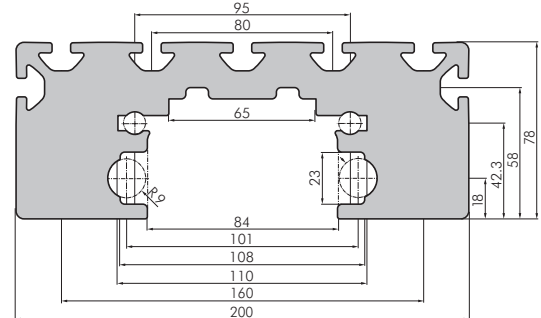
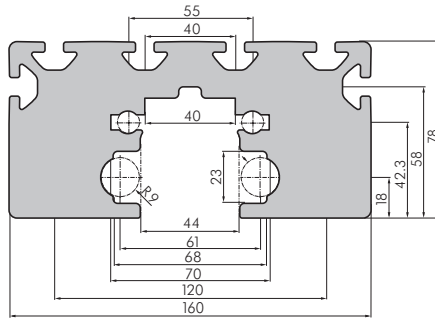
Technical Data	Track Profile 16 40 x 40	Track Profile 16 40 x 80 / 40	Track Profile 16 40 x 80 / 80	Track Profile 16 80 x 80	Track Profile 16 80 x 80, open
I _x [cm ⁴]	18.35	102.09	132.43	215.75	240.32
I _y [cm ⁴]	13.60	37.21	26.60	185.32	189.65
W _x [cm ³]	6.12	24.19	25.22	41.10	45.77
W _y [cm ³]	6.80	11.45	13.30	44.76	46.71
A [cm ²]	9.53	17.54	17.53	26.97	29.74
G [kg/m]	2.58	4.75	4.75	7.31	8.06
part number	SP4100N	SP4300N	SP4900N	SP8300N	SP8350N
per m charge	SP4101N	SP4301N	SP4901N	SP8301N	SP8351N
cutting charge	SB1001	SB1001	SB1001	SB1002	SB1002

Linear Actuator System 16



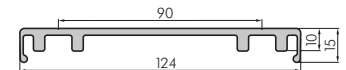
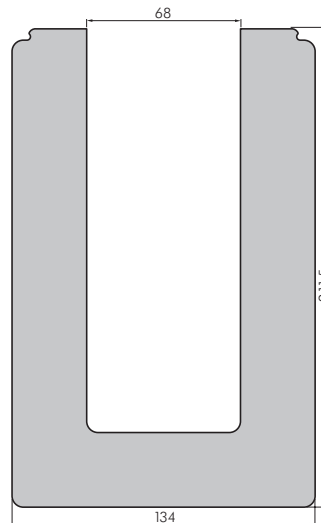
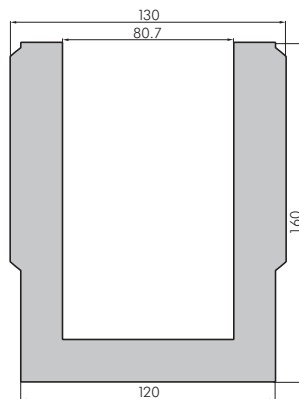
Technical Data	Track Profile 16 80 x 120	Track Profile 16 80 x 120 8N	Carriage Profile 200 x 78 superlight
I _x [cm ⁴]	571.80	570.07	196.82
I _y [cm ⁴]	303.92	311.19	1,589.13
W _x [cm ³]	84.72	88.80	41.35
W _y [cm ³]	57.89	59.27	158.91
A [cm ²]	37.23	40.60	34.02
G [kg/m]	10.09	11.00	9.22
part number	SP8900N	SP8950N	SP9250N
per m charge	SP8901N	SP8951N	SP9251N
cutting charge	SB1003	SB1003	SB1003

Linear Actuator System 16



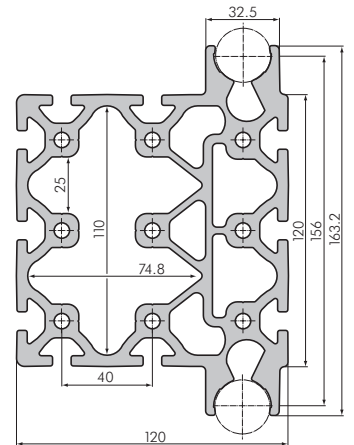
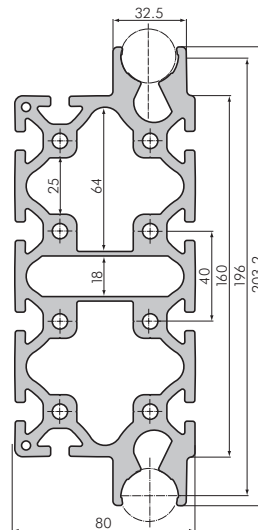
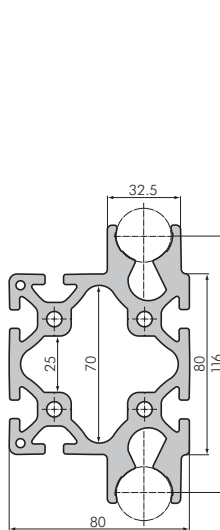
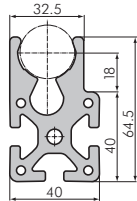
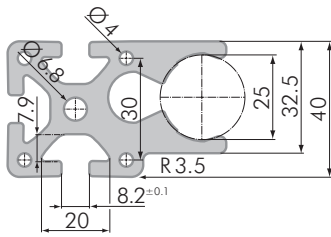
Technical Data	Carriage Profile 160 x 78	Carriage Profile 200 x 78
I_x [cm ⁴]	421.38	467.51
I_y [cm ⁴]	2,232.97	4,177.08
W_x [cm ³]	103.28	108.77
W_y [cm ³]	279.12	417.71
A [cm ²]	82.48	91.44
G [kg/m]	22.35	24.78
part number	SP9100N	SP9200N
per m charge	SP9101N	SP9201N
cutting charge	SB1003	SB1003

Gearbox Profiles



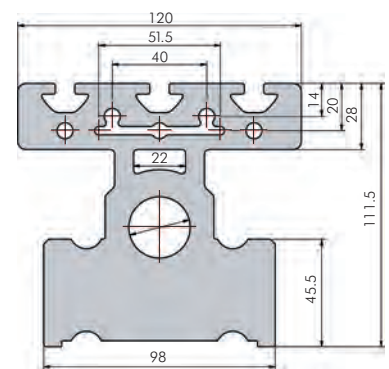
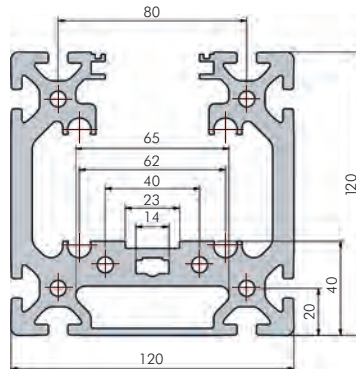
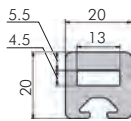
Technical Data	U-Profile Mounting 80	U-Profile Gearbox Housing	Cover Profile Gearbox Housing
I_x [cm ⁴]	2,200.07	6,637.03	0.57
I_y [cm ⁴]	2,084.82	3,733.04	91.82
W_x [cm ³]	245.00	559.14	0.49
W_y [cm ³]	320.74	557.17	14.81
A [cm ²]	89.11	161.12	5.52
G [kg/m]	24.15	43.66	1.50
part number	SP9900N	SP9950N	SP9960N
per m charge	SP9901N	SP9951N	SP9961N
cutting charge	SB1003	SB1003	SB1002
Price and delivery time		on request	on request

Linear Actuator System 25



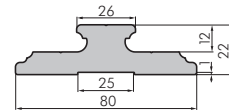
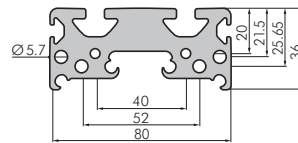
Technical Data	Track Profile 25 40 x 40	Track Profile 25 80 x 80	Track Profile 25 80 x 160	Track Profile 25 120 x 120
I_x [cm ⁴]	35.08	201.23	368.46	1,104.09
I_y [cm ⁴]	18.74	318.71	1,611.19	873.48
W_x [cm ³]	9.68	45.65	86.49	130.66
W_y [cm ³]	9.09	51.74	158.43	129.12
A [cm ²]	12.23	30.61	50.98	56.96
G [kg/m]	3.31	8.30	13.82	15.44
part number	SP0850N	SP0910N	SP0920N	SP0900N
per m charge	SP0851N	SP0911N	SP0921N	SP0901N
cutting charge	SB1001	SB1002	SB1003	SB1003

Internal Drive System With Ball Slide Mounting



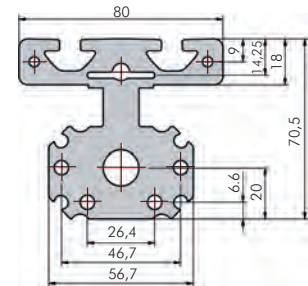
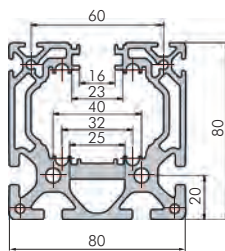
Technical Data	Track Profile 20 x 20	Track Profile 120 x 120	Carriage Profile 120 x 120
I_x [cm ⁴]	1	678.84	93.6
I_y [cm ⁴]	1.18	882.74	679.39
W_x [cm ³]	0.93	101.78	160.24
W_y [cm ³]	1.18	147.12	113.23
A [cm ²]	2.88	48.45	74.87
G [kg/m]	0.77	13.08	20.21
part number	SP2300N	SP7620N	SP9550N
per m charge	SP2301N	SP7621N	SP9551N
cutting charge	SB1001	SB1003	SB1003

Recirculating Ball / Glider Slide



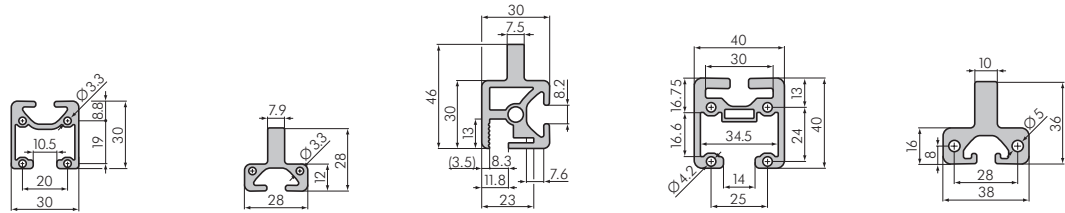
Technical Data	Roller Bearing Carriage Profile	Guide Rail Profile
lx [cm ⁴]	13.30	3.34
ly [cm ⁴]	94.34	35.73
Wx [cm ³]	6.49	2.37
Wy [cm ³]	23.58	8.93
A [cm ²]	16.16	9.71
G [kg/m]	4.38	2.63
part number	SP9630N	SP9650N
per m charge	SP9631N	SP9651N
cutting charge	SB1001	SB1001

Ball Screw Actuator



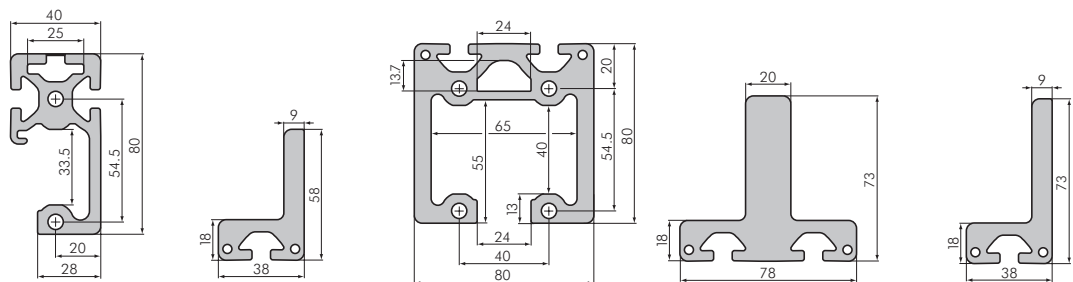
Technical Data	Track Profile 80 x 100	Carriage Profile 80 x 100
lx [cm ⁴]	134.64	131.70
ly [cm ⁴]	146.88	94.91
Wx [cm ³]	29.46	36.62
Wy [cm ³]	36.72	23.72
A [cm ²]	20.69	27.61
G [kg/m]	5.57	7.45
part number	SP8970N	SP9050N
per m charge	SP8971N	SP9051N
cutting charge	SB1002	SB1002

C-Tracks



Technical Data	Track Profile C 30 / 43	Double Carriage Profile C 30 / 43	Clamp Profile 30 C 30 / 43	Track Profile C 40 / 57	Double Carriage Profile C 40 / 57
I_x [cm ⁴]	2.83	1.81	9.00	9.52	5.72
I_y [cm ⁴]	3.75	1.65	3.93	12.73	5.93
W_x [cm ³]	1.66	1.13	3.52	4.11	2.65
W_y [cm ³]	2.50	1.18	2.60	6.36	3.12
A [cm ²]	3.04	2.92	5.50	6.13	5.85
G [kg/m]	0.82	0.79	1.49	1.66	1.59
part number	SP1060N	SP1160N	SP1170N	SP1040N	SP1140N
per m charge	SP1061N	SP1161N	SP1171N	SP1041N	SP1141N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001

C-Tracks



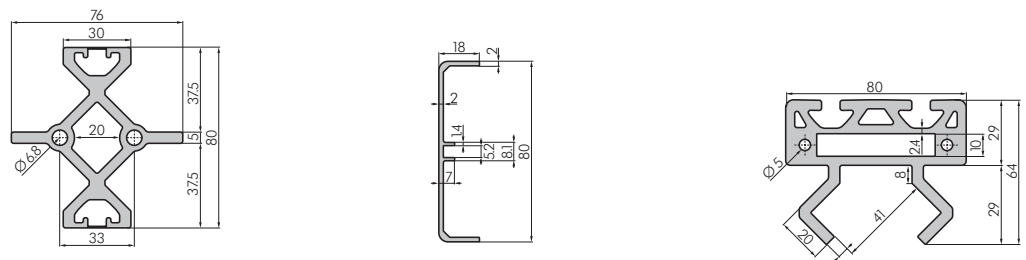
Technical Data	Track Profile C 40 / 100	Single Carriage Profile C 40 / 100	Track Profile C 80 / 100	Double Carriage Profile C 80 / 100	Single Carriage Profile C 80 / 100
I_x [cm ⁴]	79.52	22.05	174.65	97.76	44.20
I_y [cm ⁴]	11.04	11.60	213.08	56.49	12.50
W_x [cm ³]	17.46	6.09	38.98	21.75	9.77
W_y [cm ³]	4.73	4.61	53.27	14.49	4.74
A [cm ²]	12.26	8.47	25.38	21.40	9.82
G [kg/m]	3.32	2.29	6.88	5.80	2.66
part number	SP1020N	SP1220N	SP1000N	SP1100N	SP1200N
per m charge	SP1021N	SP1221N	SP1001N	SP1101N	SP1201N
cutting charge	SB1001	SB1001	SB1002	SB1002	SB1001

Internal Drive System 80/90
Single Guidance



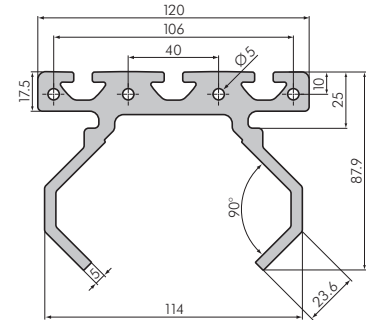
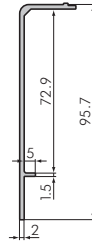
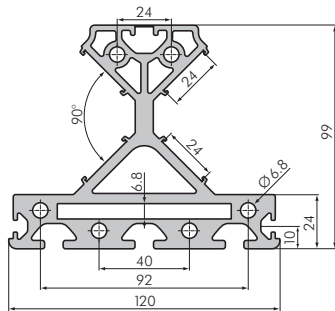
Technical Data	Track Profile 60 x 80	Cover Profile For Track Profile 60 x 80
lx [cm ⁴]	41.64	4.81
ly [cm ⁴]	47.92	0.27
Wx [cm ³]	10.98	1.47
Wy [cm ³]	11.98	0.18
A [cm ²]	13.71	1.51
G [kg/m]	22.20	2.46
part number	SP1400N	SP1480N
per m charge	SP1401N	SP1481N
cutting charge	SB1002	SB1001

Internal Drive System 80/90
Double Guidance

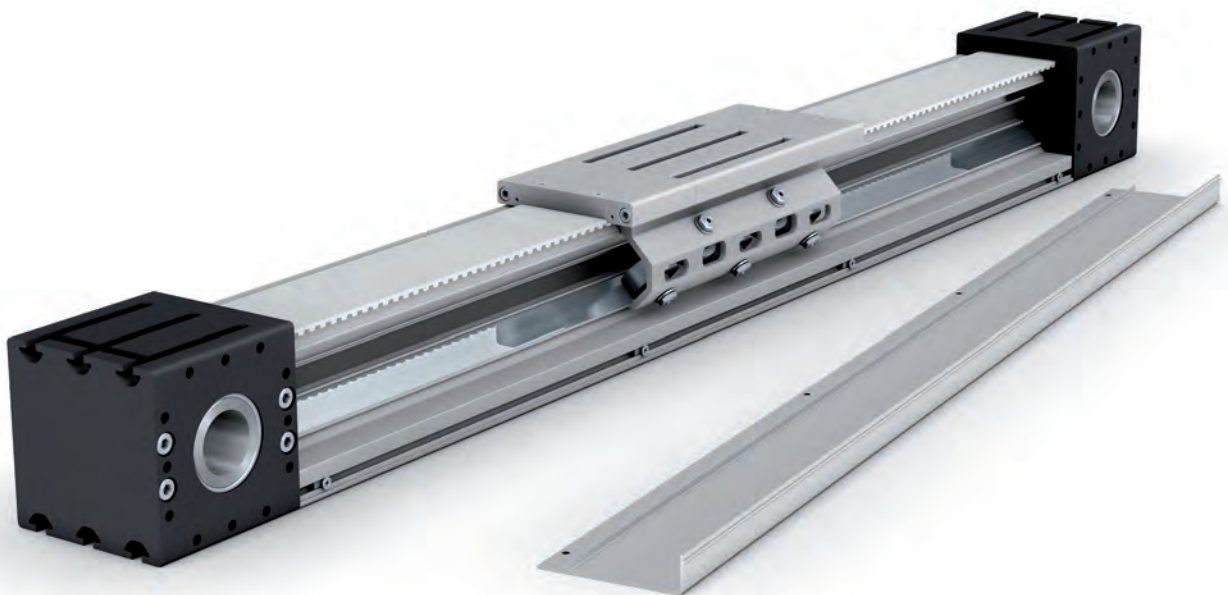


Technical Data	Double Track Profile 80 x 80	Cover Twin Axle 80	Carriage Profile 80/90
lx [cm ⁴]	60.62	0.51	47.49
ly [cm ⁴]	25.51	18.30	114.28
Wx [cm ³]	15.15	0.36	11.54
Wy [cm ³]	6.71	4.57	28.57
A [cm ²]	12.13	2.39	17.21
G [kg/m]	9.81	0.65	27.90
part number	SP1410N	SP1470N	SP1450N
per m charge	SP1411N	SP1471N	SP1451N
cutting charge	SB1002	SB1001	SB1002

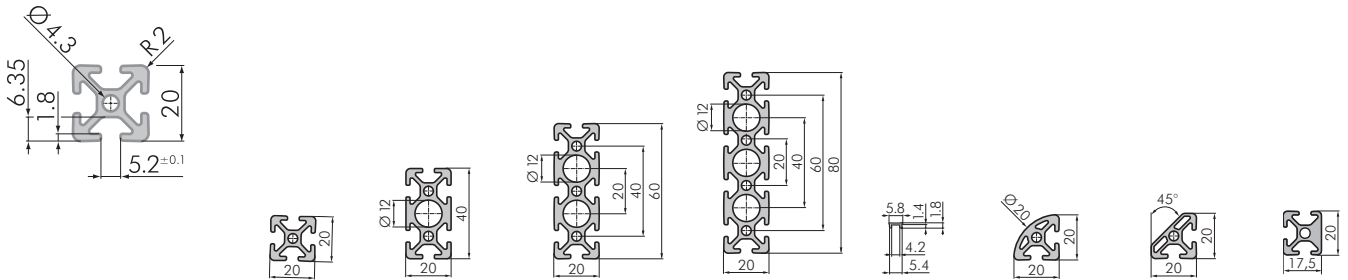
Internal Drive System
120 x 120 AT 10 / 75



Technical Data	Track Profile 100 x 120	Cover Profile For Track Profile 100 x 120	Carriage Profile 120
I_x [cm ⁴]	267.57	23.81	140.59
I_y [cm ⁴]	217.21	0.77	373.86
W_x [cm ³]	41.73	4.26	22.24
W_y [cm ³]	36.20	0.36	62.31
A [cm ²]	27.40	2.46	25.68
G [kg/m]	7.40	0.66	6.93
part number	SP1420N	SP1430N	SP1460N
per m charge	SP1421N	SP1431N	SP1461N
cutting charge	SB1003	SB1001	SB1003

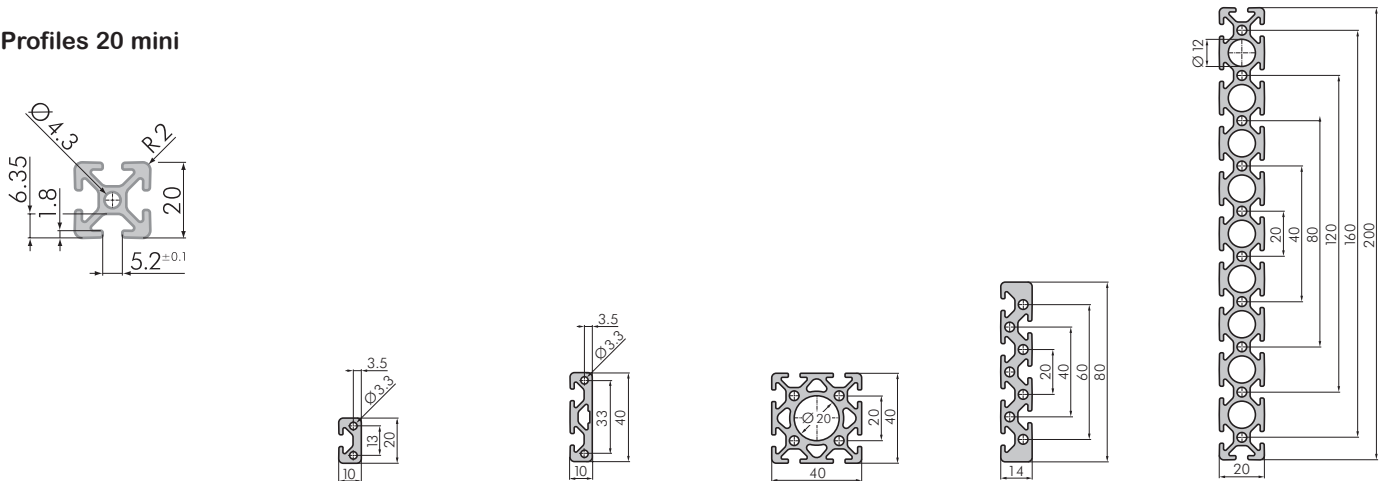


Profiles 20 mini



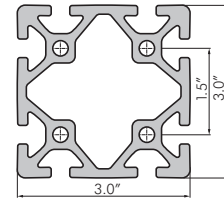
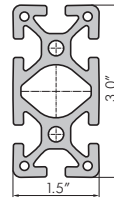
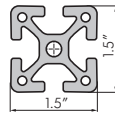
Technical Data	20 x 20 mini	20 x 40 mini	20 x 60 mini	20 x 80 mini	Cover Profile 20 mini	20 x 20 R90 mini	20 x 20 edge mini	20 x 17,5 mini
lx [cm ⁴]	0.74	5.10	16.64	38.67	0.00008	0.60	0.50	0.60
ly [cm ⁴]	0.74	1.48	2.21	2.95	0.00126	0.60	0.50	0.60
Wx [cm ³]	0.74	2.55	5.55	9.67	0.00064	0.55	0.43	0.60
Wy [cm ³]	0.74	1.48	2.21	2.95	0.00435	0.55	0.43	0.63
A [cm ²]	1.82	3.51	5.26	6.99	0.03000	1.76	1.44	1.83
G [kg/m]	0.49	0.95	1.43	1.89	0.01000	0.48	0.39	0.49
part number	SP2000N	SP2200N	SP2210N	SP2220N	SP7920N	SP2070N	SP2080N	SP2150N
per m charge	SP2001N	SP2201N	SP2211N	SP2221N	SP7921N	SP2071N	SP2081N	SP2151N
part number (black)		SP2200S			SP7920S			
per m charge (black)		SP2201S			SP7921S			
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001	SB1001

Profiles 20 mini



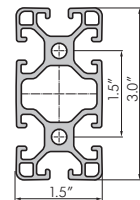
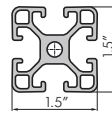
Technical Data	10 x 20 mini	10 x 40 mini	40 x 40 mini	14 x 80 mini	20 x 200 mini
lx [cm ⁴]	0.53	3.63	10.35	40.80	582.92
ly [cm ⁴]	0.12	0.24	10.35	1.09	7.31
Wx [cm ³]	0.53	1.81	5.18	10.20	58.29
Wy [cm ³]	0.22	0.44	5.18	1.52	7.31
A [cm ²]	1.29	2.36	6.69	6.63	17.28
G [kg/m]	0.35	0.64	1.81	1.80	4.68
part number	SP2120N	SP2140N	SP2400N	SP2280N	SP2390N
per m charge	SP2121N	SP2141N	SP2401N	SP2281N	SP2391N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1002

Inch Profiles (Only in USA)



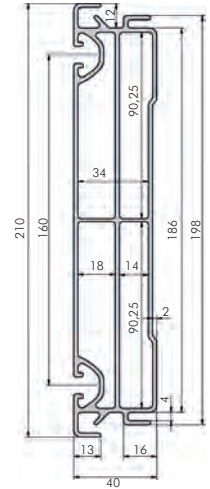
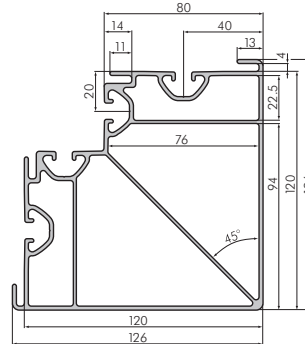
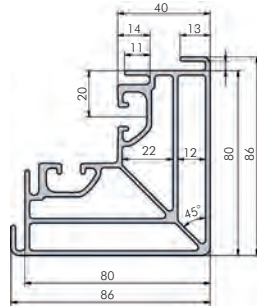
Technical Data	1.5" x 1.5"	1.5" x 3.0"	3.0" x 3.0"
I_x [cm ⁴]	10.16	71.64	135.02
I_y [cm ⁴]	10.16	19.55	135.02
W_x [cm ³]	5.33	18.80	35.44
W_y [cm ³]	5.33	10.26	35.44
A [cm ²]	7.03	12.84	20.07
G [kg/m]	1.90	3.47	5.42
part number	SP9800N	SP9810N	SP9820N
per m charge	SP9801N	SP9811N	SP9821N
cutting charge	SB1001	SB1001	SB1002

Inch Profiles (Only in USA)



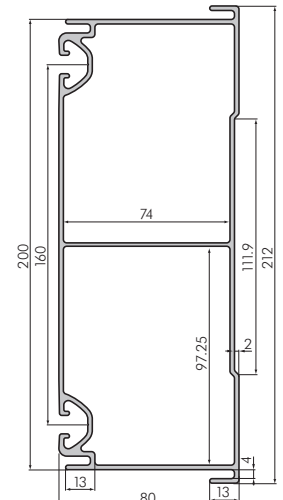
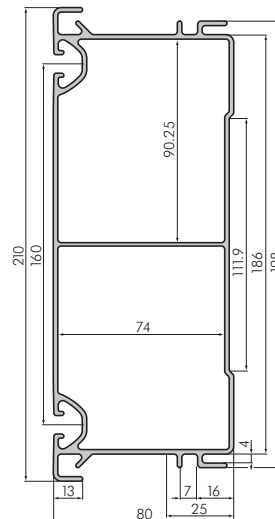
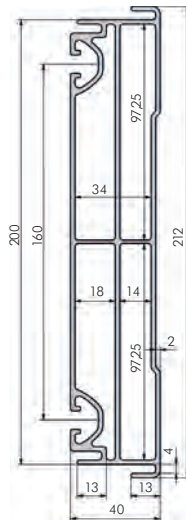
Technical Data	1.0" x 1.0" light	1.5" x 1.5" light	1.5" x 3.0" light
I_x [cm ⁴]	1.70	6.72	49.78
I_y [cm ⁴]	1.70	6.72	13.29
W_x [cm ³]	1.34	3.53	13.07
W_y [cm ³]	1.34	3.53	6.98
A [cm ²]	2.84	5.00	9.08
G [kg/m]	0.77	1.35	2.45
part number	SP9890N	SP9850N	SP9860N
per m charge	SP9891N	SP9851N	SP9861N
cutting charge	SB1001	SB1001	SB1001

Wall Profiles

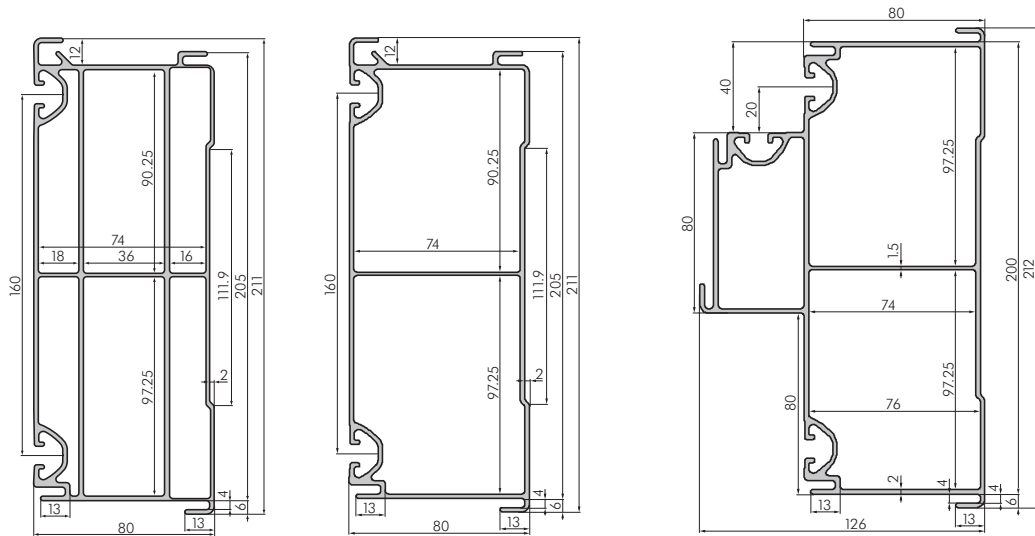


Technical Data	80 edge	120 edge	200 / 40 M
I_x [cm ⁴]	51.83	290.53	31.22
I_y [cm ⁴]	114.23	290.54	704.29
W_x [cm ³]	10.20	44.44	14.55
W_y [cm ³]	22.49	44.44	67.07
A [cm ²]	12.16	16.80	16.27
G [kg/m]	3.28	4.54	4.39
part number	SX3100N	SX3000N	SX1100N
per m charge	SX3101N	SX3001N	SX1101N
cutting charge	SB1002	SB1003	SB1003

Wall Profiles

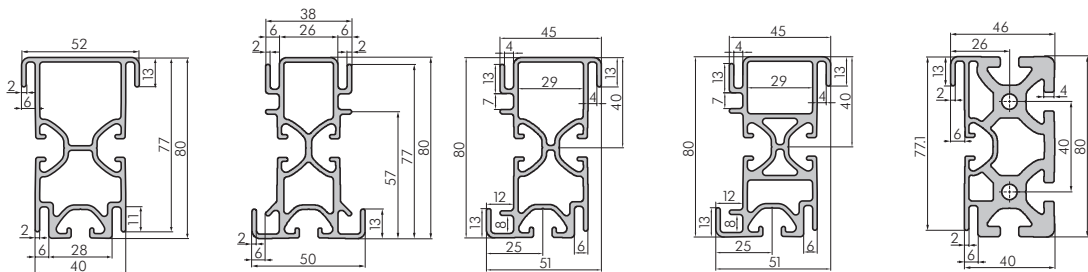


Technical Data	200 / 40 V	200M	200V
I_x [cm ⁴]	30.09	954.96	969.72
I_y [cm ⁴]	734.81	171.00	172.08
W_x [cm ³]	14.76	90.95	91.48
W_y [cm ³]	69.32	39.57	41.21
A [cm ²]	16.72	18.74	18.32
G [kg/m]	4.39	5.06	4.96
part number	SX2100N	SX1000N	SX2000N
per m charge	SX2101N	SX1001N	SX2001N
cutting charge	SB1003	SB1003	SB1003



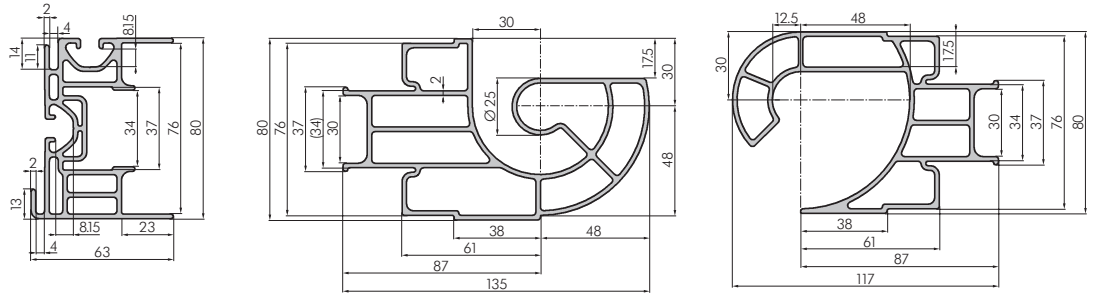
Technical Data	200MV focus	200MV	200V-T
lx [cm ⁴]	979.94	738.75	827.04
ly [cm ⁴]	186.58	157.50	318.39
Wx [cm ³]	92.05	70.02	74.31
Wy [cm ³]	44.23	36.60	46.45
A [cm ²]	22.34	14.61	19.12
G [kg/m]	6.03	3.95	5.16
part number	SX1400N	SX2400N	SX3200N
per m charge	SX1401N	SX2401N	SX3201N
cutting charge	SB1003	SB1003	SB1003

Compensating Wall Profiles



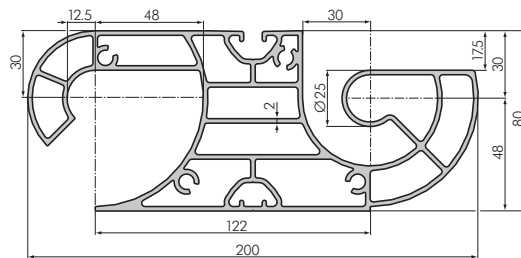
Technical Data	40V	40M	40MV	40MV focus	40V-8
lx [cm ⁴]	55.68	54.67	54.91	57.42	94.70
ly [cm ⁴]	19.02	13.68	15.64	16.62	23.94
Wx [cm ³]	21.41	21.87	20.67	23.75	35.33
Wy [cm ³]	4.64	3.07	3.68	6.19	5.91
A [cm ²]	7.98	8.28	7.97	9.31	14.82
G [kg/m]	2.16	2.24	2.16	2.51	3.98
part number	SX1500N	SX2500N	SX2600N	SX2700N	SX1600N
per m charge	SX1501N	SX2501N	SX2601N	SX2701N	SX1601N
cutting charge	SB1001	SB1001	SB1001	SB1001	SB1001

Supple Connection Profiles



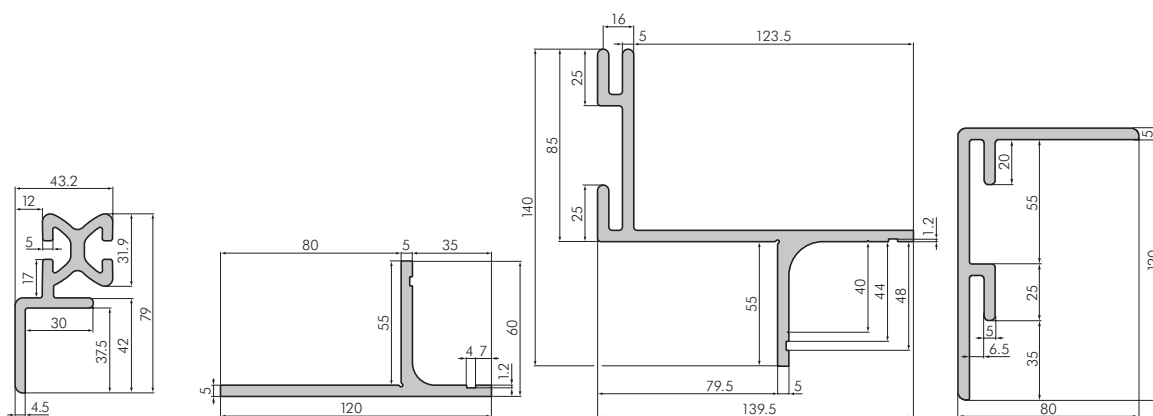
Technical Data	Supple Connection	Supple Outside	Supple Inside
Ix [cm ⁴]	74.46	67.07	77.50
Iy [cm ⁴]	20.38	206.45	128.83
Wx [cm ³]	18.98	15.54	17.48
Wy [cm ³]	5.19	30.21	20.95
A [cm ²]	10.08	14.31	12.18
G [kg/m]	2.72	3.86	3.29
part number	SX3300N	SX3310N	SX3320N
per m charge	SX3301N	SX3311N	SX3321N
cutting charge	SB1002	SB1003	SB1003

Supple Connection Profiles



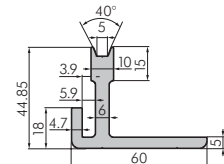
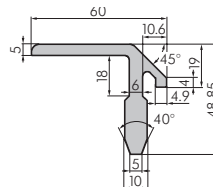
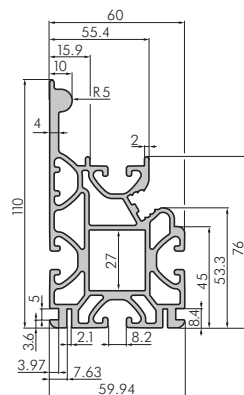
Technical Data	Supple Joint
Ix [cm ⁴]	156.58
Iy [cm ⁴]	670.58
Wx [cm ³]	39.05
Wy [cm ³]	66.20
A [cm ²]	23.76
G [kg/m]	6.42
part number	SX3400N
per m charge	SX3401N
cutting charge	SB1003

Frame Profiles



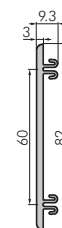
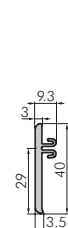
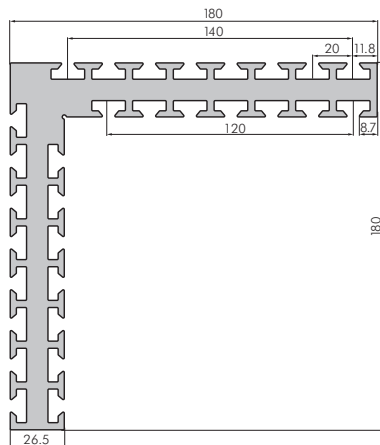
Technical Data	Cable Entrance Profile	Floor Angle Profile	Ceiling Angle Profile	Ceiling Blend Profile
I_x [cm ⁴]	32.76	23.30	171.34	168.04
I_y [cm ⁴]	14.28	81.37	279.32	54.05
W_x [cm ³]	6.60	3.47	18.83	26.61
W_y [cm ³]	6.27	16.83	39.69	6.76
A [cm ²]	8.47	8.85	16.58	12.22
G [kg/m]	2.29	2.39	4.48	3.30
part number	SX4000N	SX9000N	SX9500N	SX9600N
per m charge	SX4001N	SX9001N	SX9501N	SX9601N
cutting charge	SB1001	SB1003	SB1003	SB1003

Maintenance Door Profiles



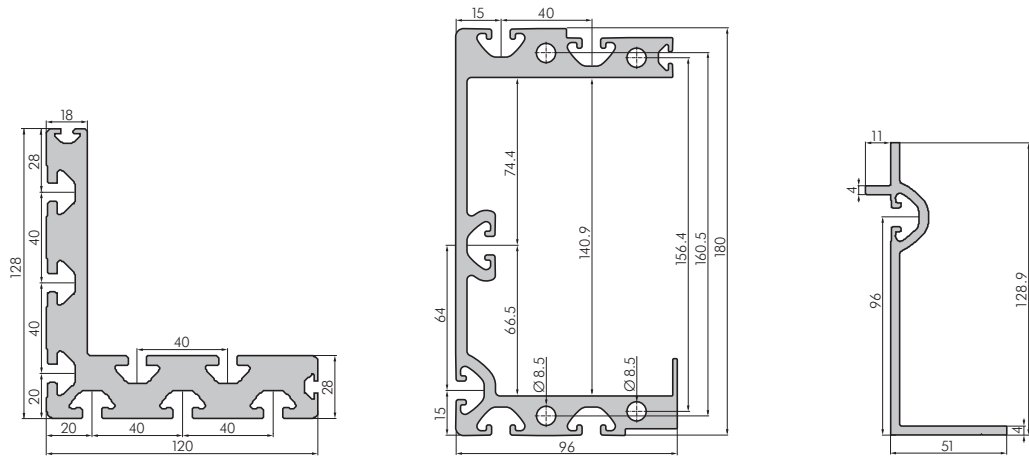
Technical Data	Door Profile 110 x 60	Door Angle Profile internal	Door Angle Profile external
lx [cm ⁴]	129.87	13.32	14.69
ly [cm ⁴]	55.62	14.68	11.30
Wx [cm ³]	18.77	3.41	3.69
Wy [cm ³]	15.93	4.69	3.61
A [cm ²]	14.97	6.45	6.45
G [kg/m]	4.06	1.74	1.70
part number	SX6110N	SX6100N	SX6000N
per m charge	SX6111N	SX6101N	SX6001N
cutting charge	SB1003	SB1001	SB1001

Maintenance Door Profiles



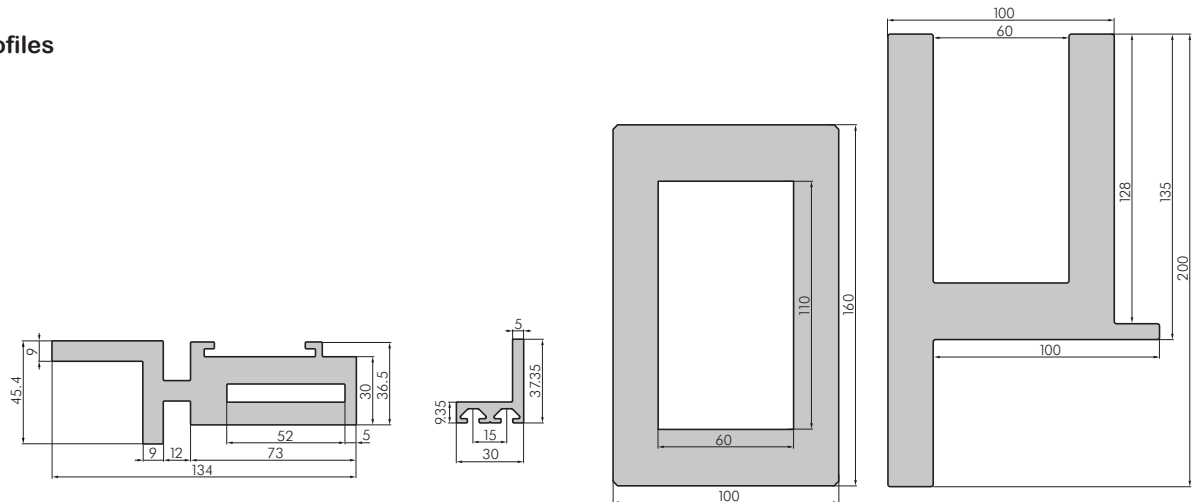
Technical Data	Corner Joining Profile	Door Blend Profile 40	Door Blend Profile 82
lx [cm ⁴]	1,642.63	1.69	17.51
ly [cm ⁴]	1,642.63	0.07	0.13
Wx [cm ³]	129.29	0.79	4.27
Wy [cm ³]	129.29	0.09	0.19
A [cm ²]	56.76	1.41	2.89
G [kg/m]	15.33	0.38	0.78
part number	SX9900N	SX5000N	SX5100N
per m charge	SX9901N	SX5001N	SX5101N
cutting charge	SB1003	SB1001	SB1001
Price and delivery time			on request

Shutter Door Profiles



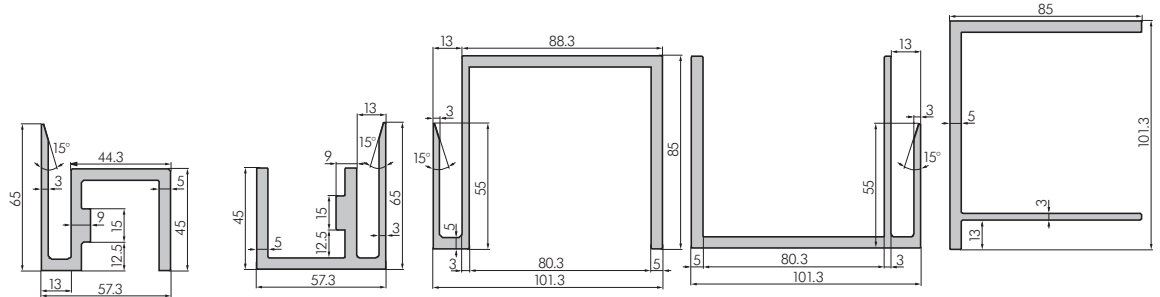
Technical Data	Angle 120 x 128 (for bearings)	Shutter Door Guidance 1	Shutter Door Guidance 2
I_x [cm ⁴]	475.63	1,689.97	158.13
I_y [cm ⁴]	519.63	336.44	13.38
W_x [cm ³]	52.63	183.06	21.83
W_y [cm ³]	66.95	54.39	3.71
A [cm ²]	37.42	34.48	8.44
G [kg / m]	10.10	9.31	2.28
part number	SX7500N	SX8600N	SX7700N
per m charge	SX7501N	SX8601N	SX7701N
cutting charge	SB1003	SB1003	SB1003

Shutter Door Profiles



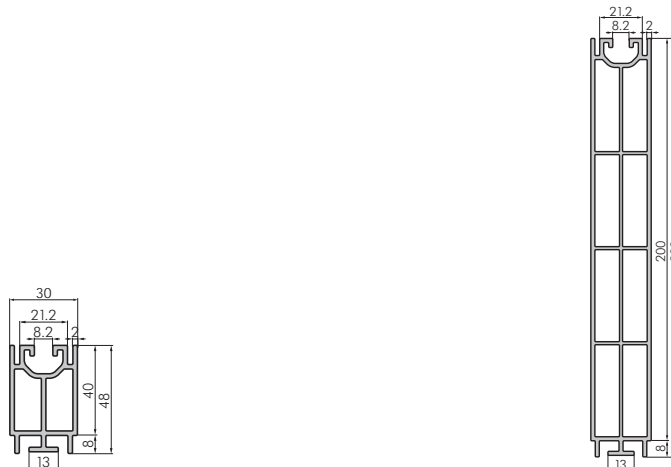
Technical Data	Linear Actuator	Angle 30 x 37 (shell)	Return Unit Lower Part	Return Unit Upper Part
I_x [cm ⁴]	35.21	3.58	2,742.80	2,095.57
I_y [cm ⁴]	327.99	2.74	1,133.39	1,167.08
W_x [cm ³]	13.37	1.48	342.85	197.81
W_y [cm ³]	42.89	1.34	226.68	155.14
A [cm ²]	27.36	3.21	93.92	83.39
G [kg/m]	7.39	0.87	25.36	22.52
part number	SX8500N	SX7600N	SP9970N	SP9980N
per m charge	SX8501N	SX7601N	SP9971N	SP9981N
cutting charge	SB1002	SB1001	SB1003	SB1003

Shutter Door Profiles



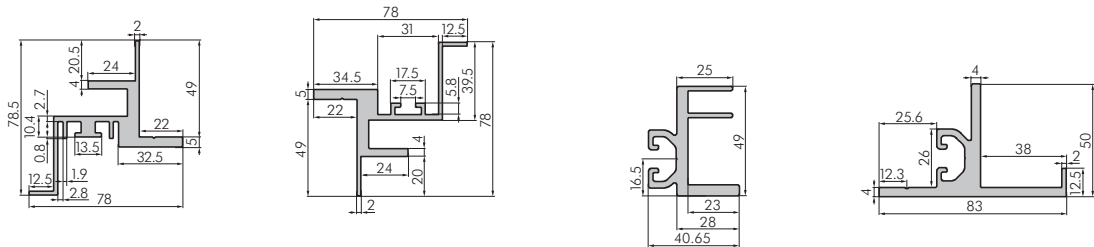
Technical Data	Shutter Door Cover Lower Shell	Shutter Door Cover Upper Shell	Shutter Door Cover Wall Bottom	Shutter Door Cover Wall Top	Shutter Door Cover
lx [cm ⁴]	22.60	23.50	110.80	88.12	157.69
ly [cm ⁴]	37.55	37.55	202.97	201.03	85.29
Wx [cm ³]	5.91	5.18	21.54	15.07	26.33
Wy [cm ³]	11.92	11.92	38.20	37.63	14.50
A [cm ²]	9.20	9.20	12.97	12.89	11.46
G [kg/m]	2.48	2.48	3.50	3.48	3.09
part number	SX7180N	SX7190N	SX7250N	SX7260N	SX7200N
per m charge	SX7181N	SX7191N	SX7251N	SX7261N	SX7201N
cutting charge	SB1001	SB1001	SB1002	SB1002	SB1002

Process Door Profiles



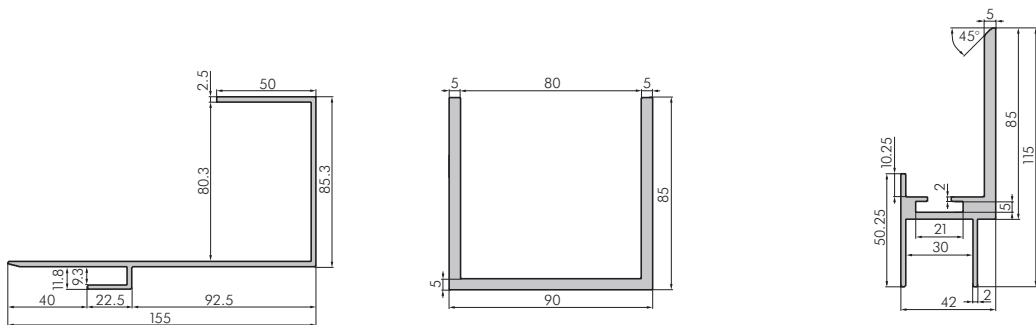
Technical Data	Process Door Profile 40	Process Door Profile 200
lx [cm ⁴]	10.40	591.06
ly [cm ⁴]	4.66	17.90
Wx [cm ³]	4.19	55.94
Wy [cm ³]	3.11	11.93
A [cm ²]	4.49	14.28
G [kg/m]	1.21	3.86
part number	SX7010N	SX7000N
per m charge	SX7011N	SX7001N
cutting charge	SB1001	SB1003

Sliding Process Door Profiles



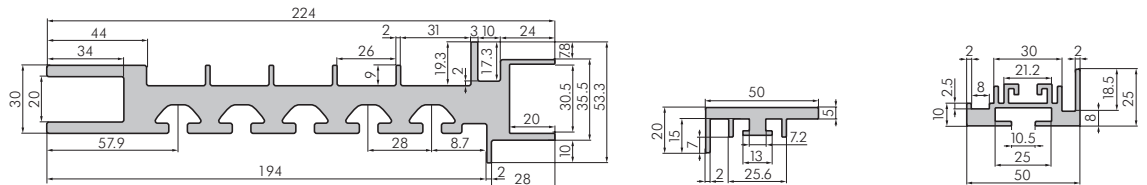
Technical Data	Sliding Process Door Top	Sliding Process Door Bottom	Sliding Process Door Side	Sliding Process Door Side Fixed
I_x [cm ⁴]	17.52	17.38	14.29	12.48
I_y [cm ⁴]	24.53	23.03	5.21	23.35
W_x [cm ³]	4.19	4.21	5.05	3.29
W_y [cm ³]	5.78	5.28	2.27	5.55
A [cm ²]	7.90	7.26	5.62	7.20
G [kg/m]	2.13	1.96	1.52	1.94
part number	SX7130N	SX7140N	SX7150N	SX7120N
per m charge	SX7131N	SX7141N	SX7151N	SX7121N
cutting charge	SB1001	SB1001	SB1001	SB1001

Sliding Process Door Profiles



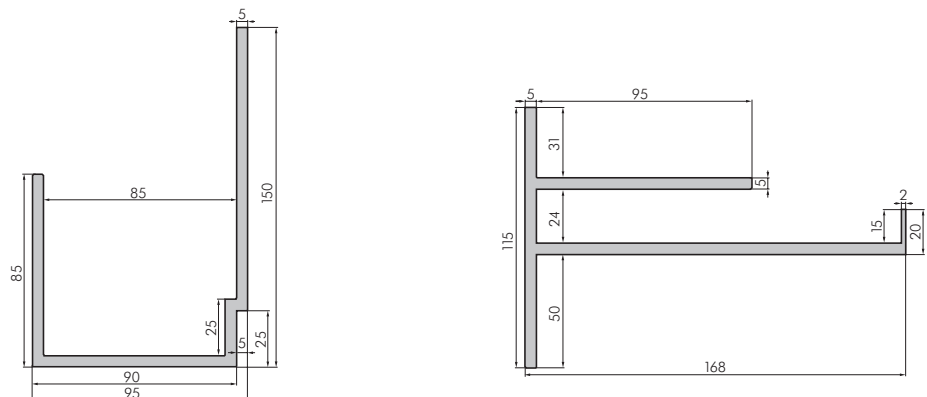
Technical Data	Sliding Process Door Enclosure Profile Side	Sliding Process Door Cover Profile Top	Sliding Process Door Cover Profile Middle
I_x [cm ⁴]	89.66	94.71	66.15
I_y [cm ⁴]	177.05	175.00	17.20
W_x [cm ³]	14.74	17.12	10.39
W_y [cm ³]	17.00	38.89	5.93
A [cm ²]	7.76	12.50	8.03
G [kg/m]	2.10	3.38	2.17
part number	SX7160N	SX7170N	SX7110N
per m charge	SX7161N	SX7171N	SX7111N
cutting charge	SB1003	SB1002	SB1002

Vertical Lift Door Profiles



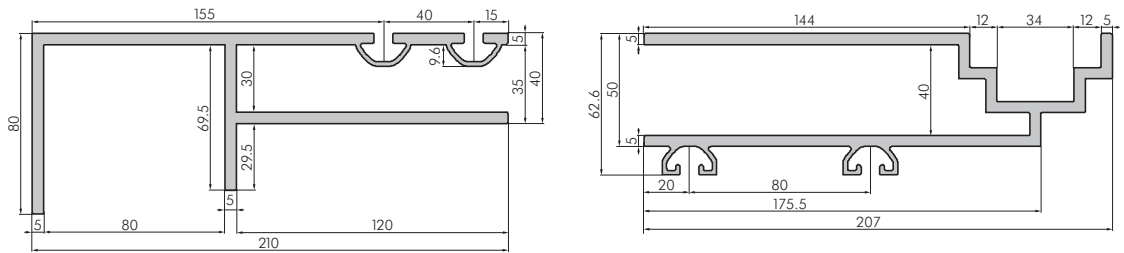
Technical Data	Vertical Lift Door Carriage Profile	Vertical Lift Door Top	Vertical Lift Door Bottom
I_x [cm ⁴]	26.05	0.63	1.38
I_y [cm ⁴]	1,309.25	7.24	10.62
W_x [cm ³]	9.57	0.42	0.81
W_y [cm ³]	115.18	2.64	3.92
A [cm ²]	34.83	3.76	4.11
G [kg/m]	9.40	1.02	1.02
part number	SX8200N	SX8130N	SX8140N
per m charge	SX8201N	SX8131N	SX8141N
cutting charge	SB1003	SB1001	SB1001
Price and delivery time	on request	on request	on request

Vertical Lift Door Profiles



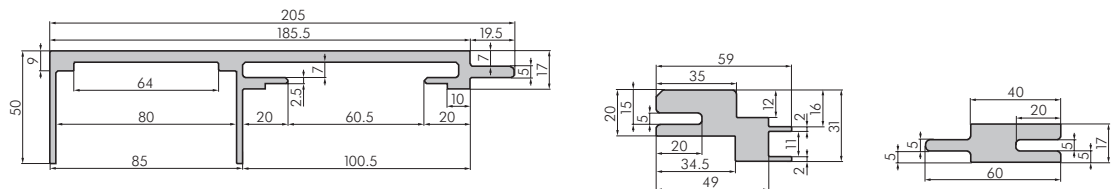
Technical Data	Vertical Lift Door Enclosure Profile Top	Vertical Lift Door Seal Profile Top
I_x [cm ⁴]	305.95	90.15
I_y [cm ⁴]	246.16	493.12
W_x [cm ³]	29.85	14.74
W_y [cm ³]	43.76	43.16
A [cm ²]	16.00	18.95
G [kg/m]	4.32	5.12
part number	SX8170N	SX8370N
per m charge	SX8171N	SX8371N
cutting charge	SB1002	SB1003
Price and delivery time	on request	on request

Vertical Lift Door Profiles



Technical Data	Vertical Lift Door Enclosure Profile Bottom	Vertical Lift Door Seal Profile Bottom
I_x [cm ⁴]	104.65	105.52
I_y [cm ⁴]	989.45	873.73
W_x [cm ³]	18.29	31.02
W_y [cm ³]	88.87	83.68
A [cm ²]	23.76	24.53
G [kg/m]	6.42	6.62
part number	SX8150N	SX8360N
per m charge	SX8151N	SX8361N
cutting charge	SB1003	SB1003
Price and delivery time	on request	on request

Vertical Lift Door Profiles



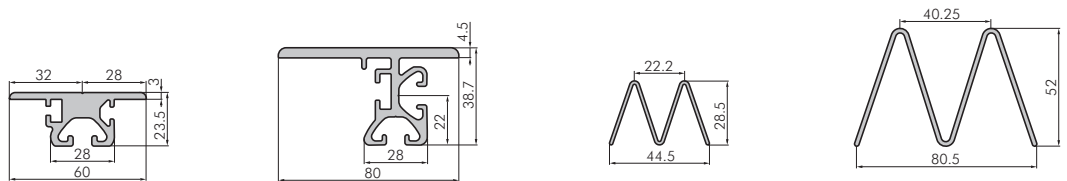
Technical Data	Vertical Lift Door Enclosure Profile Side	Brush Cavity Profile	Brush Cavity Extension Profile
I_x [cm ⁴]	15.96	6.22	1.38
I_y [cm ⁴]	568.63	19.19	10.62
W_x [cm ³]	3.82	3.62	0.81
W_y [cm ³]	115.18	6.06	3.92
A [cm ²]	34.83	9.06	4.11
G [kg/m]	9.40	2.45	1.02
part number	SX8160N	SX8400N	SX8410N
per m charge	SX8161N	SX8401N	SX8411N
cutting charge	SB1003	SB1001	SB1001
Price and delivery time	on request	on request	on request

Vertical Lift Door Profiles



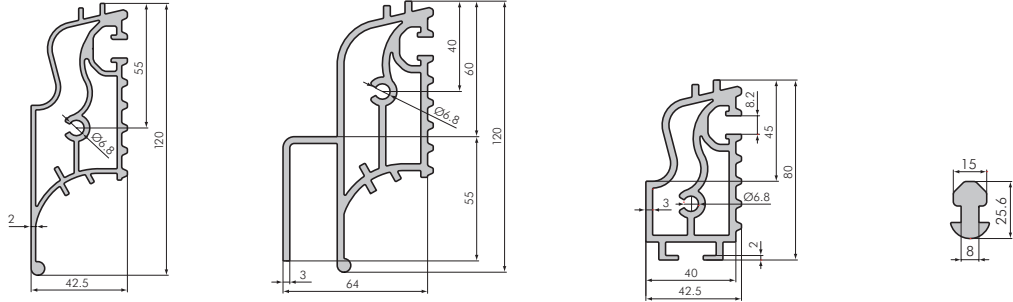
Technical Data	Shutter Door Enclosure Profile	Shutter Door Security Profile
I _x [cm ⁴]	2.45	
I _y [cm ⁴]	7.43	23.79
W _x [cm ³]	1.60	4.89
W _y [cm ³]	2.41	5.11
A [cm ²]	4.80	7.20
G [kg/m]	1.30	1.94
part number	SX8180N	SX8190N
per m charge	SX8181N	SX8191N
cutting charge	SB1002	SB1001

Exhaust Vent Profiles



Technical Data	Exhaust Vent Frame Profile 60	Exhaust Vent Frame Profile 80	Exhaust Vent Fin Profile 40	Exhaust Vent Fin Profile 80
I _x [cm ⁴]	2.45	14.32	1.20	10.15
I _y [cm ⁴]	7.43	23.79	2.95	24.06
W _x [cm ³]	1.60	4.89	0.84	3.88
W _y [cm ³]	2.41	5.11	1.33	5.98
A [cm ²]	4.80	7.20	1.80	4.43
G [kg/m]	1.30	1.94	0.49	1.20
part number	SX4100N	SX4200N	SX4500N	SX4600N
per m charge	SX4101N	SX4201N	SX4501N	SX4601N
cutting charge	SB1001	SB1001	SB1001	SB1001

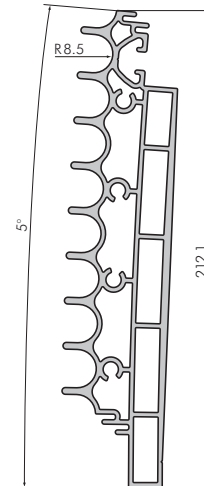
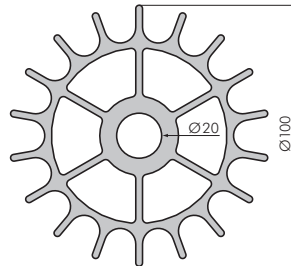
Segment Door Profiles



Technical Data	Segment Door Profile 120 x 42.5	Segment Door Profile 120 x 66.5	Segment Door Profile 80 x 42.5	Timing Belt Clamp Profile
lx [cm ⁴]	87.20	139.52	57.01	1.51
ly [cm ⁴]	17.90	54.99	15.52	0.41
Wx [cm ³]	12.32	21.03	13.96	1.18
Wy [cm ³]	8.29	14.37	6.55	0.48
A [cm ²]	9.20	14.47	10.45	2.92
G [kg/m]	2.48	3.91	2.82	0.79
part number	SX7800N	SX7810N	SX7820N	SX7830N
per m charge	SX7801N	SX7811N	SX7821N	SX7831N
cutting charge	SB1002	SB1002	SB1001	SB1001
Price and delivery time	on request	on request	on request	on request

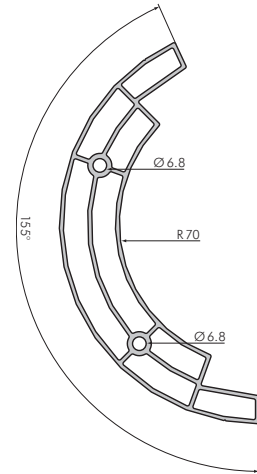
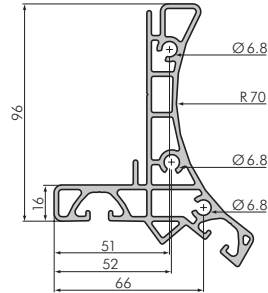


Rotary Process Door



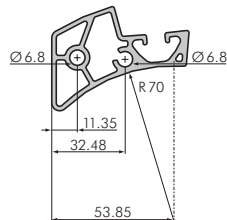
Technical Data	Rotary Table Star Profile Ø 116	Rotary Table Profile Ø 4700
Ix [cm4]	217.73	681.68
Iy [cm4]	217.73	32.48
Wx [cm3]	37.54	61.65
Wy [cm3]	38.10	11.82
A [cm2]	29.32	20.16
G [kg/m]	7.92	5.44
part number	SX7450N	SX7350N
per m charge	SX7451N	SX7351N
cutting charge	SB1001	SB1001
Price and delivery time	on request	on request

Rotary Process Door



Technical Data	Pillar Profile, Segment 1	Pillar Profile, Segment 2
I_x [cm ⁴]	122.89	501.22
I_y [cm ⁴]	45.20	88.95
W_x [cm ³]	18.09	48.16
W_y [cm ³]	9.51	14.33
A [cm ²]	11.90	15.87
G [kg/m]	3.21	4.28
part number	SX7900N	SX7910N
per m charge	SX7901N	SX7911N
cutting charge	SB1003	SB1003
Price and delivery time	on request	on request

Rotary Process Door



Technical Data	Pillar Profile, Segment 3
I_x [cm ⁴]	5.86
I_y [cm ⁴]	19.53
W_x [cm ³]	2.37
W_y [cm ³]	5.61
A [cm ²]	5.51
G [kg/m]	1.51
part number	SX7920N
per m charge	SX7921N
cutting charge	SB1001
Price and delivery time	on request

Extruding Press Profiles

(according to DIN EN 12020 part 2)

alloy: Al Mg Si 0.5 F 25
 material-No: 3.3206.72
 condition: hardened off by heat

Mechanical Data

(values in direction of press)

	Standard Profiles	Precision Profiles
tensile strength Rm:	min. 245 N / mm ²	min. 350 N / mm ²
elastic limit Rp 0.2:	min. 195 N / mm ²	min. 290 N / mm ²
ductile yield:	min 10 %	min 10 %
modulus of elasticity:	70 kN / mm ²	70 kN / mm ²
Brinell hardness:	HB 75	HB 108
thermal expansion 20 - 100°C:	23.4 · 10 ⁻⁶ / °C	23.1 · 10 ⁻⁶ / °C
density:	2.7 kg / dm ³	2.77 kg / dm ³

Tolerances

Production related deviations in regards to straightness, flatness and twist but also outside and t-slot dimensions are in accordance with the standard DIN EN 12020: 9001 part 2.

Surface Treatment

anodized to E6 / EV1 (natural) or
 E6 / EV6 (black)
 coating thickness: ca. 15 µm
 coating hardness: 250 - 350 HV
 RAL colors powder coated (on request).

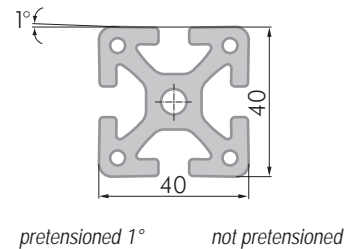
Supplied Lengths

(according to DIN EN 12020 part 2)

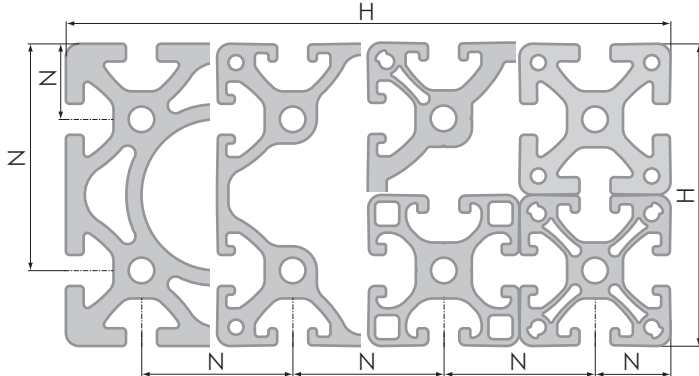
Requirements for exact extrusion lengths should be communicated with your order. Standard 3 m or 6 m length extrusions may be slightly longer due to production related requirements.

NV Profile T-Slot

The NV t-slot is not pretensioned. The NV profile range has been designed for use with gauge plates and linear bearings, that require the profile surface to be flat. E.g. Jigs, fixtures and special purpose machines.



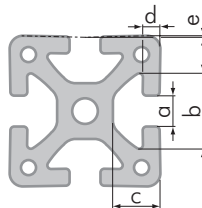
Tolerances Of External Dimensions And T-Slot Positions



width H (mm) above till	tolerances of external dimension h or t-slot dimension N+- (mm)
0 10	0.10
10 20	0.15
20 40	0.20
40 60	0.30
60 80	0.40
80 100	0.45
100 120	0.50
120 160	0.60
160 240	0.80

T-Slot Dimension Tolerances

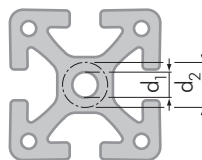
The standard, double bridge, semi, light and superlight series profiles possess a standardised t-slot shape. This guarantees that all fasteners and accessories can be utilised with the different profile series and sizes.



gauge	20	30	40
a	5.20 ± 0.1	8.20 ± 0.1	8.20 ± 0.1
b	11.50 ± 0.3	19.60 ± 0.1	20.00 ± 0.1
c	6.35 ± 0.2	10.10 ± 0.2	12.40 ± 0.2
d	1.80 ± 0.1	2.50 ± 0.1	4.50 ± 0.1
e	0.15 ± 0.1	0.18 ± 0.1	0.20 ± 0.1

Center Holes

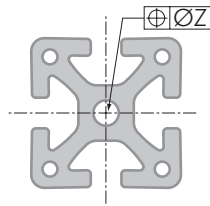
The center hole bore of the profiles can be opened up according to the table. Profiles of the series superlight (40 mm) and midi (30 mm), however, may not be opened up due to the wall section around the center hole.



	20	30	40
drilling d ₁	Ø 4.3-0.2 mm (M5)	Ø 6.8-0.2 mm (M8)	Ø 6.8-0.2 mm (M8)
drillable up to max. d ₂	Ø 6 mm (M6)	-	Ø 13 mm (M12) (not for sl)

Drilling Position Tolerances

The drilling position tolerance is dependent upon the number of the center hole bores and the contour of the profile.



profiles with open t-slots		profiles with closed t-slots	
number of drillings	Z [mm]	number of drillings	Z [mm]
1	0.4	1	0.6
2 to 4	0.6	> 1	0.8
> 4	0.8		

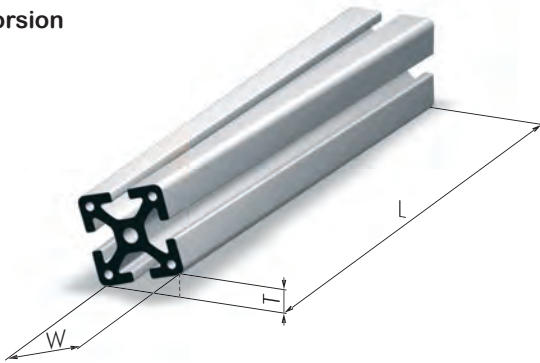
T-Slot Strength

Information in regards to the maximum allowable t-slot load capability F. These values already contain a safety factor (S > 2) against plastic deformation.



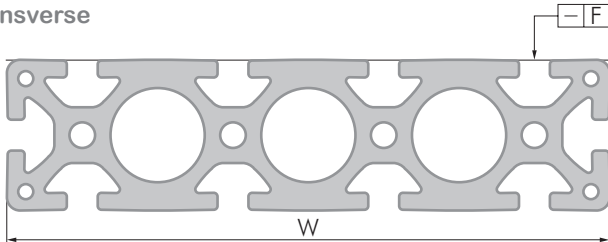
t-slot shape	max. pull charge F	matrix
standard	5000 N	40
double br.	3250 N	40
semi	2500 N	40
light	2000 N	40
superlight	1750 N	40
midi	750 N	30
mini	500 N	20

Torsion



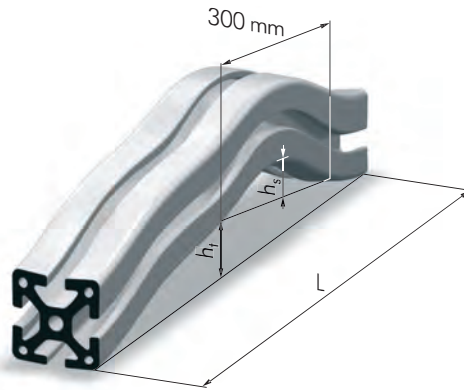
width W [mm] above till	torsion tolerance T [mm] for nominal length L [mm]					
	till 1000	till 2000	till 3000	till 4000	till 5000	till 6000
- 25	1.0	1.5	1.5	2.0	2.0	2.0
25 50	1.0	1.2	1.5	1.8	2.0	2.0
50 75	1.0	1.2	1.2	1.5	2.0	2.0
75 100	1.0	1.2	1.5	2.0	2.2	2.5
100 125	1.0	1.5	1.8	2.2	2.5	3.0
125 150	1.2	1.5	1.8	2.2	2.5	3.0
150 200	1.5	1.8	2.2	2.6	3.0	3.5
200 300	1.8	2.5	3.0	3.5	4.0	4.5

Straightness Tolerance transverse



width W [mm] above till	straightness tolerance F [mm]
0 30	0.20
30 60	0.30
60 100	0.40
100 150	0.50
150 200	0.70
200 250	0.85

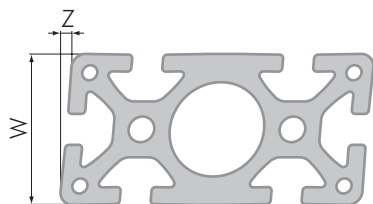
Straightness Tolerance longitudinal



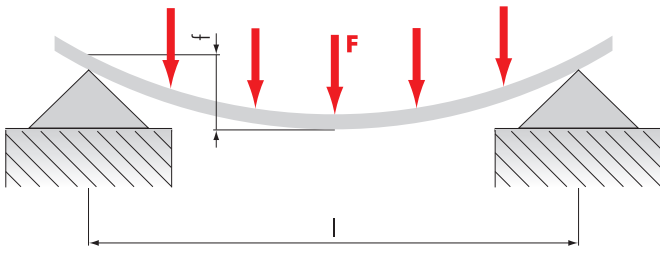
length L [mm]	straightness tolerance h_1 for nominal length L (mm)
till 1000	0.7
till 2000	1.3
till 3000	1.8
till 5000	2.2
till 5000	2.6
till 6000	3.0

The straightness tolerance h_1 is in relation to a corresponding length L and will not exceed the stated value in the table. The straightness tolerance h_2 will not exceed 0.3 mm per 300 mm in length.

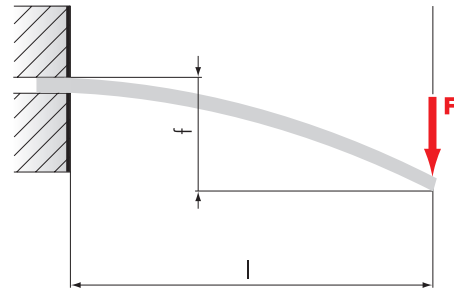
Angle Tolerance



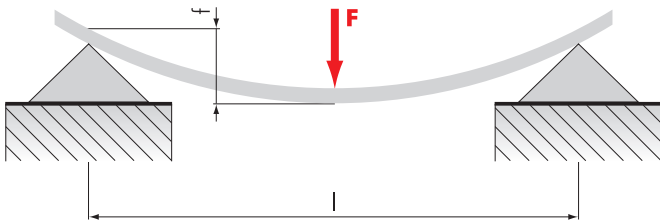
width W [mm] above till	permissible deflection Z [mm] from a right angle
0 20	0.2
20 40	0.4
40 80	0.6
80 120	0.8
120 200	1.2
>200	1.5



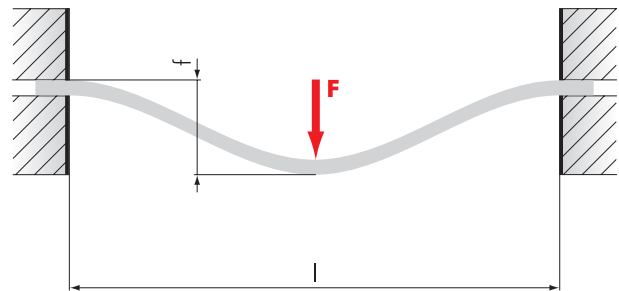
Exposure Case 1 (on two stilts, distributed load)



Exposure Case 2 (fixed one-sided, point load)



Exposure Case 3 (on two stilts, point load)



Exposure Case 4 (fixt two-sided, point load)

To calculate deflection the following calculations are to be used:

Exposure Case 1

$$f = \frac{5 F L^3}{384 E I 10^4}$$

Exposure Case 1

$$f = \frac{F L^3}{3 E I 10^4}$$

Exposure Case 3

$$f = \frac{F L^3}{48 E I 10^4}$$

Exposure Case 4

$$f = \frac{F L^3}{192 E I 10^4}$$

To calculate deflection caused by dead weight the following calculations are to be used:

Exposure Case 3

$$f = \frac{5 F L^3}{384 E I 10^4}$$

Exposure Case 2

$$f = \frac{F L^3}{8 E I 10^4}$$

Exposure Case 4

$$f = \frac{F L^3}{384 E I 10^4}$$

- F load [N]
- L profile length [mm]
- I moment of inertia [cm⁴]
- E modulus of elasticity [N/mm²]

$$E_{Al} = 70,000 \text{ N/mm}^2$$

Control Of The Deflection

$$s = \frac{M_b}{W 10^3}$$

- s deflection [N/mm²]
- M_b maximum bending [N/mm]
- W resistive moment [cm³]

Example

- known values: Profile 40 x 80 double bridge, upright
 F = 10,000 N
 L = 500 mm
 I = 73.74 cm⁴

to calculate: deflection f

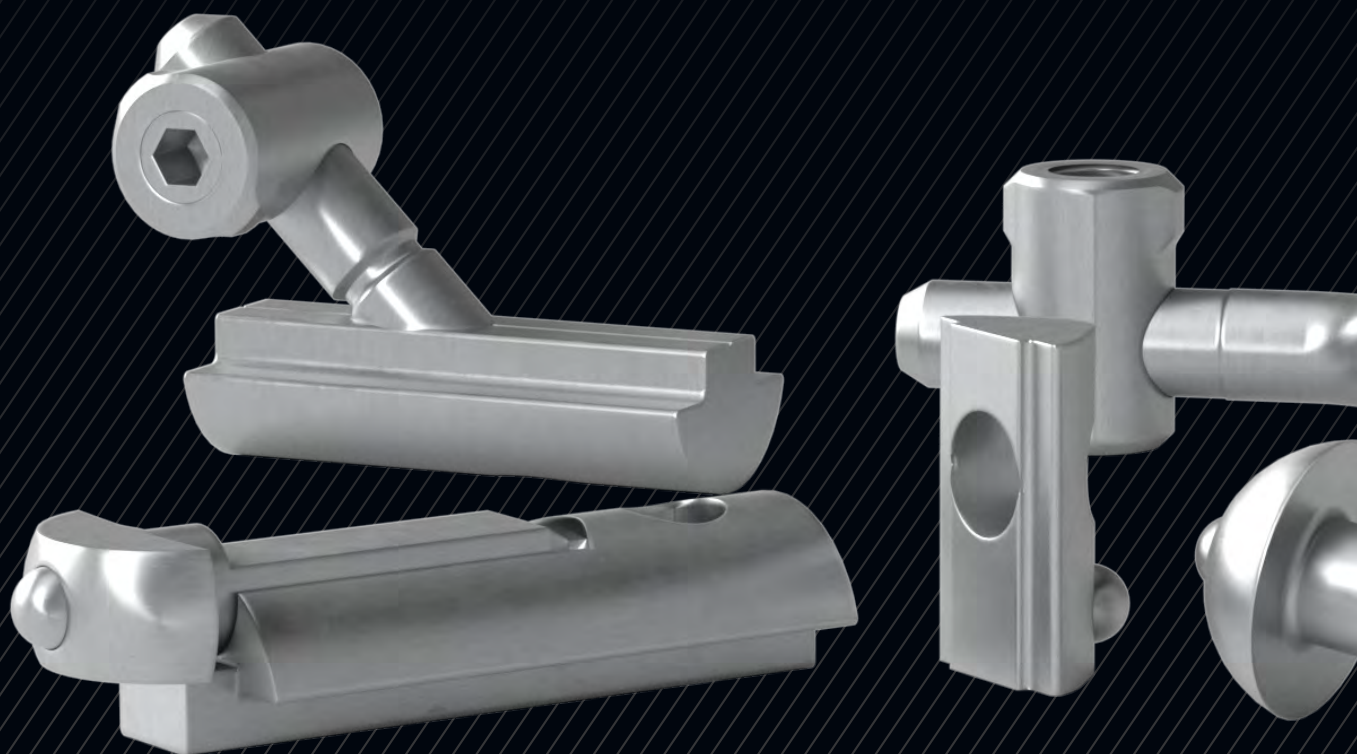
Results

- Exposure Case 1: f = 1.17 mm
- Exposure Case 2: f = 8.07 mm
- Exposure Case 3: f = 0.50 mm
- Exposure Case 4: f = 0.126 mm

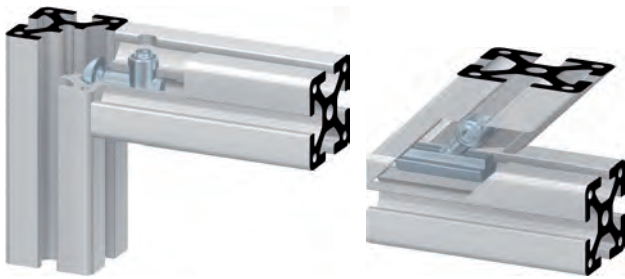
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Central Fasteners

- for high static loads
- universal applications when using the range of anchors
- positive locking



Standard Fasteners

- universal applications with anti-twist feature
- inexpensive and simple connection
- simple assembly
- for high static and dynamic loads
- positive locking
- the shape of the fastener protects the t-slot



Universal Fasteners

- for high static and dynamic loads
- universal applications when using the range of t-nuts
- positive locking



Quick Fasteners

- anti-twist feature
- positive locking
- no machining required
- simple assembly



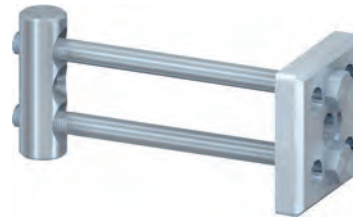
Automatic Connector

- Slide-in t-nut provided
- No machining necessary



Screw Fasteners M 8

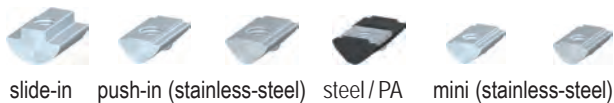
- for high static and dynamic loads
- positive locking
- simple assembly
- when using only one screw a locator block prevents the profile from twisting



Heavy Duty Fasteners

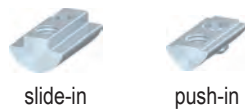
- stable and positive attachment
- for high static and dynamic loads

S	Silverline fastener	NQ NL	t-slot fixation, cross connection	SPS SVPS	parallel connection
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slide-in push-in (stainless-steel) steel / PA mini (stainless-steel)

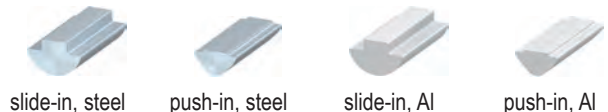
T-Nuts, ball-type



slide-in push-in

T-Nuts, with grub screw

- Positioning in the t-slot via spring-loaded ball or grub screw
- slide-in and push-in t-nut design
- threaded holes from M 3 up to M 8



slide-in, steel push-in, steel slide-in, Al push-in, Al

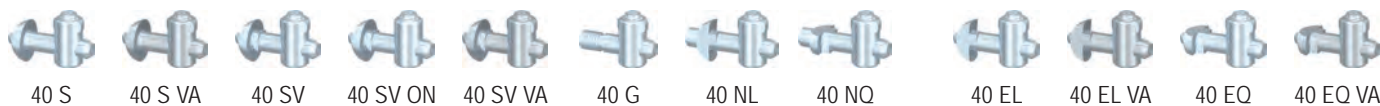
T-Nut Profiles



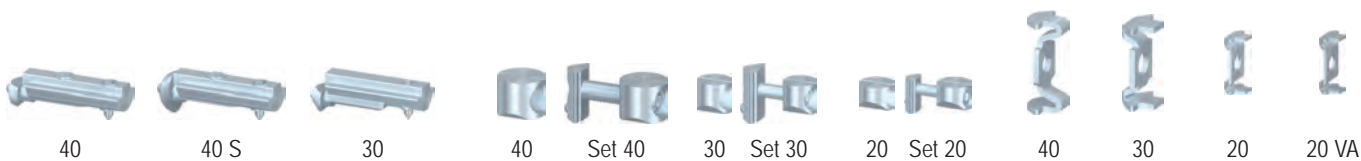
Double T-Nuts



Square T-Nuts



Central Fasteners



Quick Fasteners

Universal Fasteners

Standard Connectors



Automatic Connector



80 x 200 M 27

80 x 160 M 27

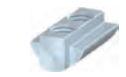
120 x 120 M 27

120 x 120 M 12

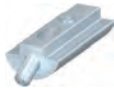
80 x 120 M 12

80 x 80 M 12

Heavy Duty Fasteners



Special T-Nut



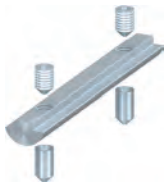
Anti-Twist T-Nut



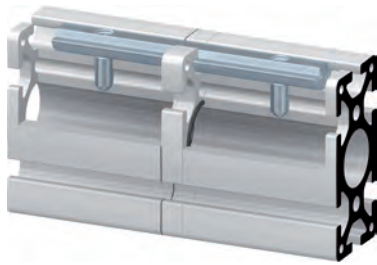
Anti-Twist Set Screw



Attachment Screws M6, M8



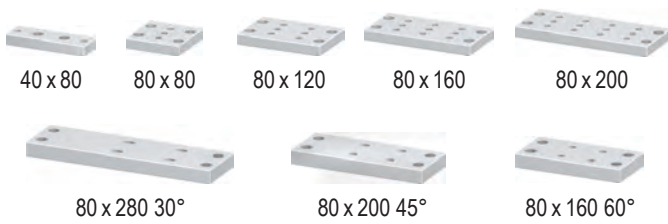
Pneumatic Connector 40



Miter Connector 40 90°



Special T-Nuts, Accessories

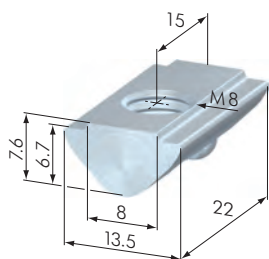


Attachment Plates



Step Fasteners





SV2102V

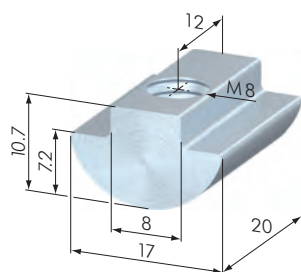


T-Nuts, ball-type, push-in

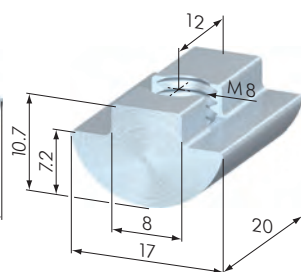
Thread	M 3	M 4	M 5	M 6	M 8	1/4"	5/16"	#10-32UNC
Part No	SV2110V	SV2112V	SV2100V	SV2101V	SV2102V	SV2860V	SV2850V	-
Part No VA	-	SV2114V	SV2104V	SV2105V	SV2106V	SV2880V	SV2870V	SV2890V
Weight	12 g	11 g	11 g	10 g	9 g	10 g	9 g	11 g

Application: T-nut for swiveling into the t-slot. Fits into the t-slot at any point. Held in position by a spring-loaded ball. Raised area fits into the t-slot to stop twisting.

Material: steel, zinc-plated or stainless-steel



SV2002V



SV2003V

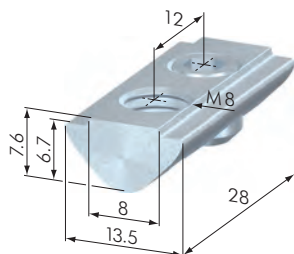


T-Nuts, ball-type, slide-in

Thread	M 5	M 6	M 8	M 8 S	1/4"	5/16"
Part No	SV2000V	SV2001V	SV2002V	SV2003V	SV2810V	SV2800V
Weight	17 g	17 g	15 g	14 g	17 g	15 g

Application: Slides in the t-slot from the end of the profile and is held in position by a spring-loaded ball. The wide supporting surface of the t-nut makes it suitable for greater fastening forces.

Material: steel, zinc-plated



SV2152V

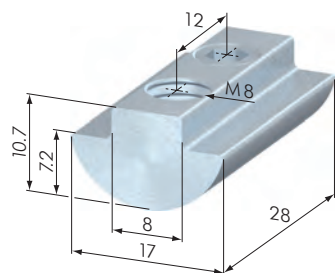


T-Nuts, push-in

Thread	M 5	M 6	M 8
Part No	SV2150V	SV2151V	SV2152V
Weight	14 g	14 g	12 g

Application: T-nut for swiveling into the t-slot. Fits into the t-slot at any point. Held in position by a grub screw. Raised area fits into the t-slot to stop twisting.

Material: steel, zinc-plated



SV2052V



T-Nuts, slide-in

Thread	M 5	M 6	M 8
Part No	SV2050V	SV2051V	SV2052V
Weight	26 g	24 g	21 g

Application: Slides in the t-slot from the end of the profile and is locked into position by a grub screw. The wide supporting surface of the t-nut makes it suitable for greater fastening forces.

Material: steel, zinc-plated



T-Nuts, slide-in



T-Nuts, push-in



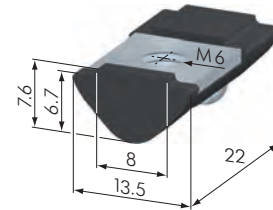
T-Nuts mini

T-Nuts steel / plastic

Thread	M3	M4	M5	M6
Part N ^o	SV2145S	SV2146S	SV2147S	SV2148S
Weight	4 g	4 g	4 g	4 g

Application: T-nut for swiveling into the t-slot. Fits into the t-slot at any point. Held in position by a spring-loaded ball. Raised area fits into groove to stop twisting.

Material: plastic t-nut with steel insert



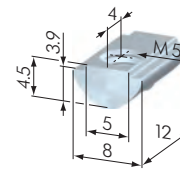
SV2148S

T-Nuts mini

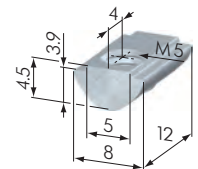
Thread	M4	M4 VA	M5	M5 VA
Part N ^o	SV2192V	SV2194V	SV2193V	SV2195V
Weight	2 g	2 g	2 g	2 g

Application: T-nut for swiveling into the t-slot. Fits into the t-slot at any point. Held in position by a spring-loaded ball. Raised area fits into groove to stop twisting.

Material: steel, zinc-plated



SV2193V



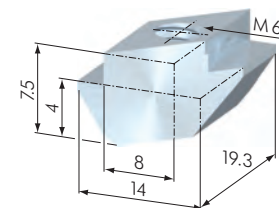
SV2195V

Square T-Nuts

Thread	M4	M5	M6
Part N ^o	SV2178N	SV2179N	SV2180N

Application: T-nut for swiveling into the t-slot. Fits into the t-slot at any point.

Material: GDZn (zinc diecasting)



SV2180N

Double T-Nuts 40 / 20

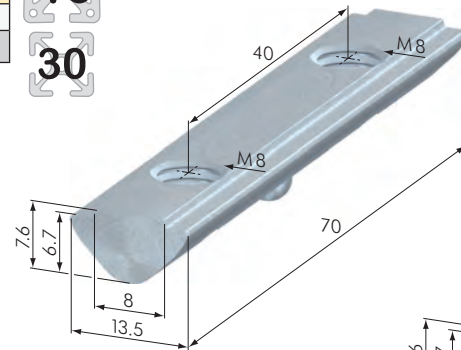
Thread	40 M8	20 M6
Part N ^o	SV2202V	SV2210V

Application: T-nut for swiveling into the groove. Fits into the t-slot at any point. For fixing of foot plates and any other accessories that require a fixing pitch of 40 mm x M8 (20 mm x M6 respectively) thread. Raised area fits into t-slot to stop twisting.

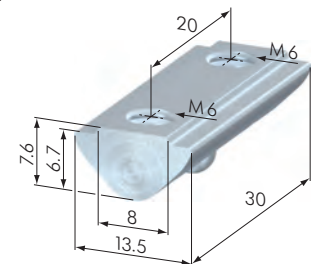
SV2202V: bore hole distance: 40 mm
thread: M8

SV2210V: bore hole distance: 20 mm
thread: M6

Material: steel, zinc-plated

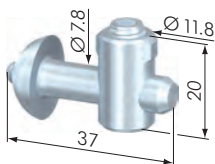


SV2202V

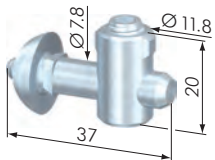


SV2210V

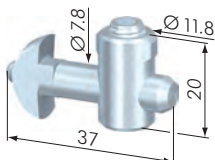
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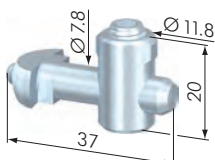
SV1001V



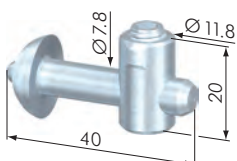
SV1211V



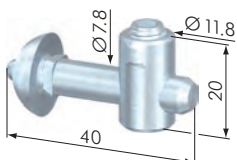
SV1011V



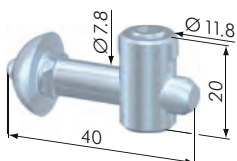
SV1021V



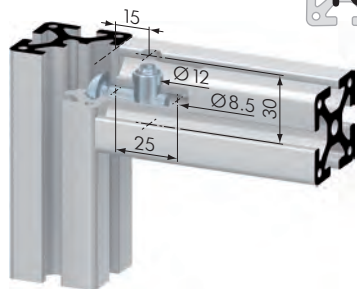
SV1213V



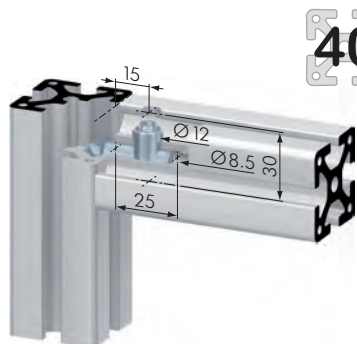
SV1221V



SV1222V



SV1212V



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Central Fastener 40 S / SV		
Part No	Description	Weight
SV1001V	Central Fastener 40 S	28 g
SV1353V	Central Fastener 40 S VA	29 g
SV1211V	Central Fastener 40 SV	28 g
SV1212V	Central Fastener 40 SV ON	27 g
SV1350V	Central Fastener 40 SV VA	30 g
SB1332	Machining Central Fastener	

Application: All-purpose universal fastener. The slide-in anchor is held in position in the profile groove by a spring-loaded ball in the opposing profile t-slot. The SV fasteners have an anti-twist feature. The SV ON fastener is to be used with closed profiles.

Material: steel, zinc-plated or stainless-steel

- Assembly:**
- bore hole for the barrel housing: Ø 12 mm, 15 mm from profile end, 30 mm deep
 - bore for center hole on end of profile for anchor: Ø 8.5 mm, 25 mm deep

Central Fastener 40 EL / EQ		
Part No	Description	Weight
SV1011V	Central Fastener 40 EL	26 g
SV1351V	Central Fastener 40 EL VA	26 g
SV1021V	Central Fastener 40 EQ	26 g
SV1352V	Central Fastener 40 EQ VA	26 g
SB1332	Machining Central Fastener	

Application: All-purpose universal fastener. The twist-in anchor, with an anti-twist feature, can be fixed in the profile groove at any point. The anchor is held in position by a spring-loaded ball in the opposing profile t-slot.

Material: steel, zinc-plated or stainless-steel

- Assembly:**
- bore hole for the barrel housing: Ø 12 mm, 15 mm from profile end, 30 mm deep
 - bore for center hole on end of profile for anchor: Ø 8.5 mm, 25 mm deep

Central Fastener 40 SL / SVL		
Part No	Description	Weight
SV1213V	Central Fastener 40 SL	30 g
SV1221V	Central Fastener 40 SVL	31 g
SV1222V	Central Fastener 40 SVLL	
SB1332	Machining Central Fastener	

Application: Special applications. The slide-in anchor, with an anti-twist feature, can be fixed in the profile t-slot at any point. The anchor is held in position by a spring-loaded ball in the opposing profile t-slot. The SVL fastener has an anti-twist feature. Both fasteners can be used for parallel and transverse connections.

Material: steel, zinc-plated

- Assembly:**
- bore hole for the barrel housing: Ø 12 mm, 20 mm from profile end, 30 mm deep
 - bore for anchor in the profile: Ø 8.5 mm, 20 mm from profile end, 25 mm deep

Central Fastener 40 NL / NQ

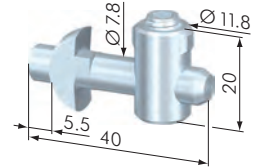
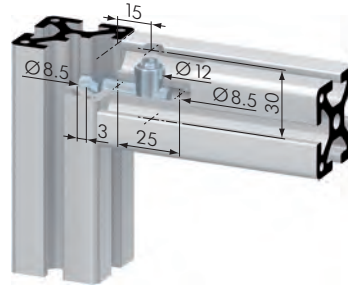
Part N ^o	Description	Weight
SV1031V	Central Fastener 40 NL	28 g
SV1041V	Central Fastener 40 NQ	28 g
SB1332	Machining Central Fastener	

Application: Special applications. The twist-in anchor, with an anti-twist feature, can be fixed in the profile t-slot at any point. The fastener is used where high bending moments are required.

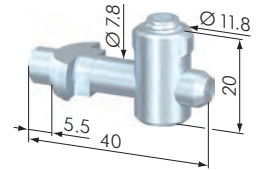
Material: steel, zinc-plated

- Assembly:**
- bore hole for the barrel housing:
Ø 12 mm, 15 mm from profile end, 30 mm deep
 - bore for center hole on end of profile for anchor:
Ø 8.5 mm, 25 mm deep
 - hole for locking pin on anchor in opposing profile:
Ø 8.5 mm, 20 mm from profile end, 3 mm deep

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SV1031V



SV1041V

Central Fastener 40 G

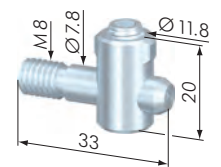
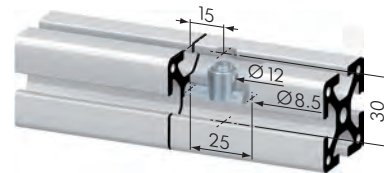
Part N ^o	Description	Weight
SV1071V	Central Fastener 40 G	22 g
SB1332	Machining Central Fastener	

Application: Butt fastener. Used for joining two profiles end to end or for frontal attaching of plates. The anchor is screwed into the opposing profile or plate.

Material: steel, zinc-plated

- Assembly:**
- bore hole for the barrel housing:
Ø 12 mm, 15 mm from profile end, 30 mm deep
 - bore for center hole on end of profile for anchor:
Ø 8.5 mm, 25 mm deep

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SV1071V

Central Fastener G 30 SS / G 45 SS

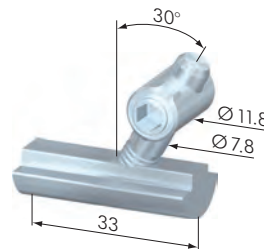
Part N ^o	Description	Weight
SV1111V	Central Fastener G 30 SS	56 g
SV1151V	Central Fastener G 45 SS	57 g
SB1332	Machining Central Fastener	

Application: The anchor is screwed into the t-nut at either 30° or 45°. Special angles are available on request.

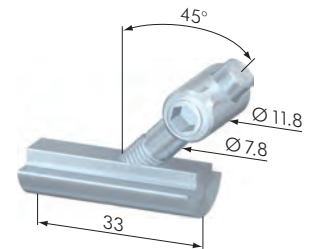
Material: steel, zinc-plated

- Assembly:**
- bore hole for the barrel housing:
Ø 12 mm, 27 mm (35 mm) from profile end, 30 mm deep
 - bore for center hole on end of profile for anchor:
Ø 8.5 mm, 25 mm deep

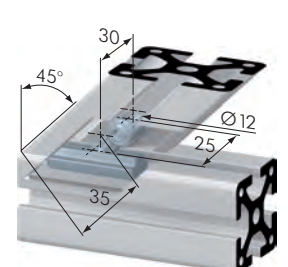
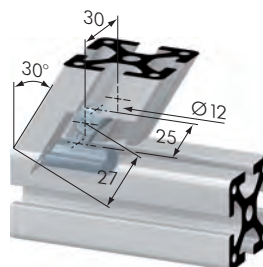
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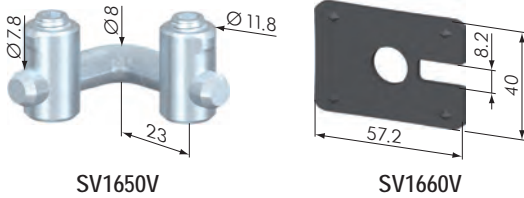


SV1111V



SV1151V





SV1650V

SV1660V



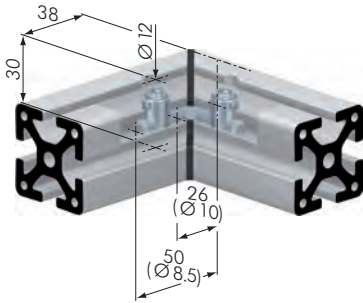
Central Fastener 40 90°		
Part No	Description	Weight
SV1650V	Central Fastener 40 90°	42 g
SV1660V	Plastic Corner 40 90°	8 g
SB1332	Machining Central Fastener	

Application: Fastener for 90° mitered joint, cut angle is 45°.

Material: fastener: steel, zinc-plated
plastic corner: POM, black

Assembly:

- bore hole for the barrel housing (2x):
Ø 12 mm, 38 mm from profile end, 30 mm deep
- bore for center hole on end of profile for anchor (2x):
Ø 8.5 mm, 50 mm deep; Ø 10 mm, 26 mm deep



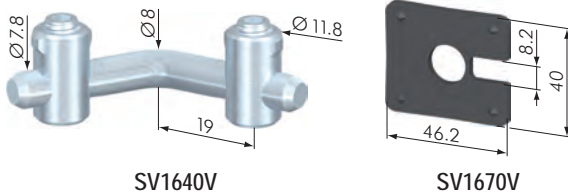
Central Fastener 40 120°		
Part No	Description	Weight
SV1640V	Central Fastener 40 120°	40 g
SV1670V	Plastic Corner 40 120°	6 g
SB1332	Machining Central Fastener	

Application: Fastener for 60° mitered joint, cut angle is 60°.

Material: fastener: steel, zinc-plated
plastic corner: POM, black

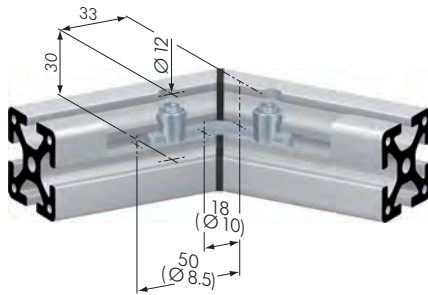
Assembly:

- bore hole for the barrel housing (2x):
Ø 12 mm, 33 mm from profile end, 30 mm deep
- bore for center hole on end of profile for anchor (2x):
Ø 8.5 mm, 50 mm deep; Ø 10 mm, 26 mm deep



SV1640V

SV1670V



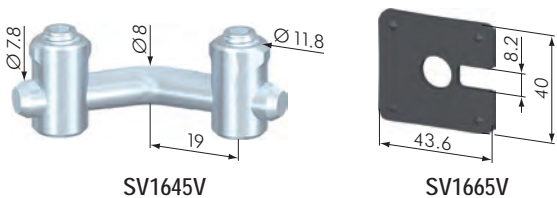
Central Fastener 40 135°		
Part No	Description	Weight
SV1645V	Central Fastener 40 135°	42 g
SV1665V	Plastic Corner 40 135°	6 g
SB1332	Machining Central Fastener	

Application: Fastener for 45° mitered joint, cut angle is 67.5°.

Material: fastener: steel, zinc-plated
plastic corner: POM, black

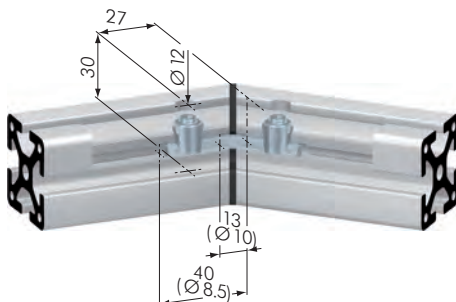
Assembly:

- bore hole for the barrel housing (2x):
Ø 12 mm, 27 mm from profile end, 30 mm deep
- bore for center hole on end of profile for anchor (2x):
Ø 8.5 mm, 40 mm deep; Ø 10 mm, 26 mm deep



SV1645V

SV1665V



Central Fastener 40 GC / GCV

Part N ^o	Description	Weight
SV1301V	Central Fastener 40 GC	30.7 g
SV1311V	Central Fastener 40 GCV	40.8 g
SB1332	Machining Central Fastener	

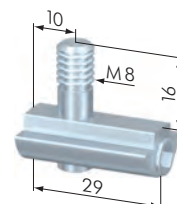
Application: All-purpose universal fastener. Uses a slide-in t-nut with locking grub screw. The anchor with M 8 thread is screwed into the opposing profile. The Central Fastener 40 GCV includes an anti-twist feature.

Material: steel, zinc-plated

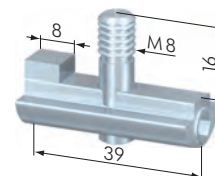
Assembly:

- Slide t-nut portion into the t-slot from the end of the profile.
- tap center hole of mating profile with an M 8 thread and screw in threaded anchor. Twist to orient »diveted« portion of fastener so that it is facing the same direction as the barrel housing.

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SV1301V



SV1311V

Central Fastener 40 SPS / SVPS

Part N ^o	Description	Weight
SV1231V	Central Fastener 40 SPS	35 g
SV1241V	Central Fastener 40 SVPS	35 g
SB1332	Machining Central Fastener	

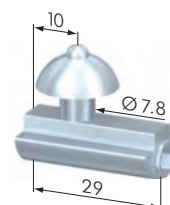
Application: All purpose universal fastener. The anchor must be positioned in the profile t-slot from the end of the profile and is held in position by a spring-loaded ball. The Central Fastener 40 SVPS has an anti-twist feature. No drilling required.

Material: steel, zinc-plated

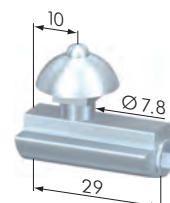
Assembly:

- Slide anchor into the t-slot profile which is to be connected.
- Slide t-nut portion of into the t-slot from the end of the profile.
- Lock in anchor with set screw located in t-nut portion of fastener.

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SV1231V



SV1241V

Central Fastener 40 EVLS / EVQS

Part N ^o	Description	Weight
SV1251V	Central Fastener 40 EVLS	32 g
SV1261V	Central Fastener 40 EVQS	32 g
SB1332	Machining Central Fastener	

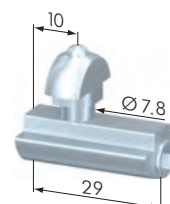
Application: Suitable for 90° and parallel profile connections. The anchor can be twisted into the profile t-slot at any point. No drilling required.

Material: steel, zinc-plated

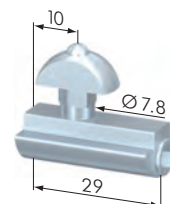
Assembly:

- Slide or twist in anchor into the t-slot profile which is to be connected.
- Slide or twist in t-nut portion into the t-slot from the end of the profile.
- Lock in anchor with set screw located in t-nut portion of fastener.

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SV1261V



SV1251V

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Quick Fastener 40

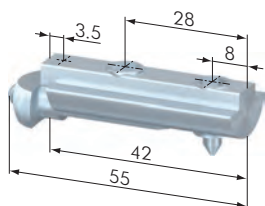
Part No	Description	Weight
SV0101V	Quick Fastener 40	46 g
SV0102V	Quick Fastener 40 S	47 g

Application: No machining of either profile is required when using this fastener. The RH grub screw is driven into the profile to retain the t-nut, the LH grub retains and tensions the anchor during the fastening process. The anchor has an anti-twist feature.

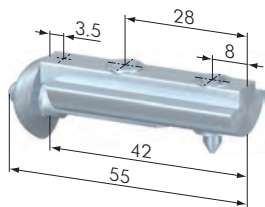
Material: steel, zinc-plated

Assembly:

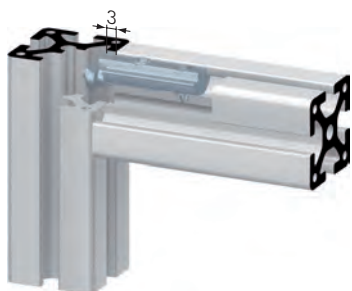
- Insert the t-nut portion of fastener so that the anti-twist feature protrudes 3 mm over the end of the profile.
- Screw in the cone point set screw on the t-nut portion of fastener into the profile.
- Insert the anchor into the t-slot of the mating profile and tighten into place by means of the set screw on the t-nut portion of the fastener.



SV0101V



SV0102V



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Universal Fastener 40

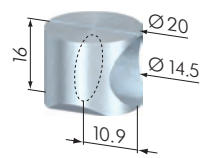
Part No	Description	Weight
SV1800V	Universal Fastener 40	21.5 g
SV1801V	Universal Fastener Set 40	43.3 g
SB1350	Machining Universal Fastener	

Application: Standard fastener with universal applications. The push-in t-nut can be swiveled into the profile t-slot at any point and is held in position by a spring-loaded ball.

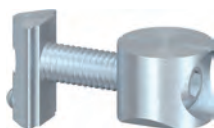
Material: steel, zinc-plated

Assembly:

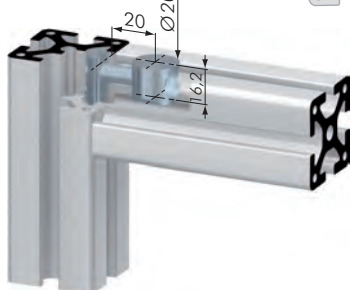
- Insert t-nut into the t-slot of profile.
- bore hole for the fastener housing:



SV1800V



SV1801V



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Standard Connector 40

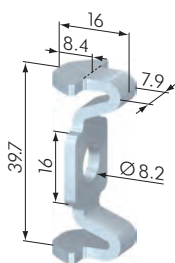
Part No	Description	Weight
SV1900V	Standard Connector 40	14 g
SV1915V	Standard Connector Set 40	21 g

Application: An inexpensive and simple connection for profiles. The t-slot is not deformed when the joint is made, giving greater stability to the joint. At the same time, the fastener guarantees no twisting of the joined profiles.

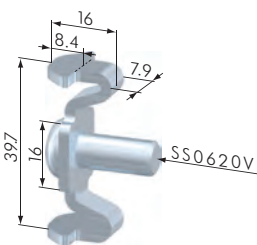
Material: steel, zinc-plated

Assembly:

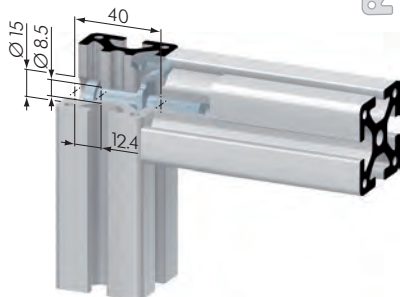
- bore hole for Km 8: Ø 8.5 mm, 20 mm from the profile end, 40 mm deep
- bore for cap screw head: Ø 15 mm, 20 mm from the profile end, 12.4 mm deep
- Tap center hole of mating profile with an M 8 thread



SV1900V



SV1915V

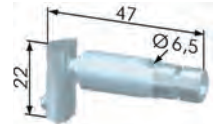


Automatic Connector 40

Part No	Description	Weight
SV1700V	Automatic fastening set 40	
SV1705V	Automatic fastening set 40 VA	

- Application:** No machining of either profile is required when using this fastener. If possible use in pairs.
- Material:** steel, zinc-plated or stainless-steel
- Assembly:** The fastener is screwed into a profile groove in the end face. It was recommended to use a lubricant.

40



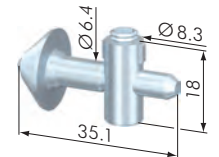
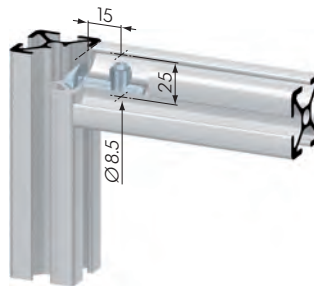
SV1700V

Central Fastener 30 S / SV

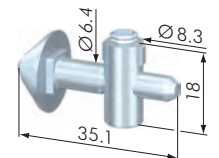
Part No	Description	Weight
SV1610V	Central Fastener 30 S	17.3 g
SV1620V	Central Fastener 30 SV	17.4 g
SB1332	Machining Central Fastener	

- Application:** All-purpose universal fastener. The slide-in anchor is held in position in the profile t-slot by a spring-loaded ball in the opposing profile groove. The Central Fastener 30 SV has an anti-twist feature.
- Material:** steel, zinc-plated
- Assembly:**
- Bore hole for the barrel housing:
 - $\varnothing 8.5$ mm, 15 mm from profile end, 25 mm deep
 - bore for center hole – not required

30



SV1610V



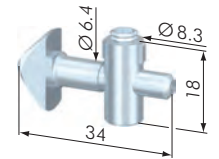
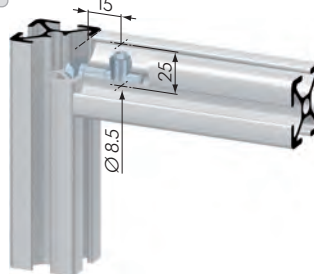
SV1620V

Central Fastener 30 EL / EQ

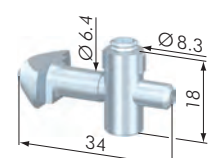
Part No	Description	Weight
SV1601V	Central Fastener 30 EL	16 g
SV1600V	Central Fastener 30 EQ	16 g
SB1332	Machining Central Fastener	

- Application:** All-purpose universal fastener. The twist-in anchor, with an anti-twist feature, can be fixed in the profile t-slot at any point. The anchor is held in position by a spring-loaded ball in the opposing profile t-slot.
- Material:** steel, zinc-plated
- Assembly:**
- Bore hole for the barrel housing:
 - $\varnothing 8.5$ mm, 15 mm from profile end, 25 mm deep
 - bore for center hole – not required

30



SV1601V



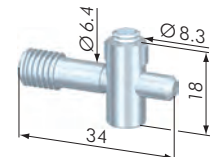
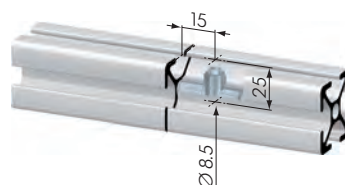
SV1600V

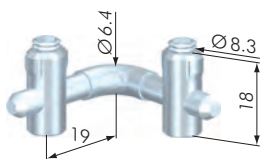
Central Fastener 30 G

Part No	Description	Weight
SV1072V	Central Fastener 30 G	8 g
SB1332	Machining Central Fastener	

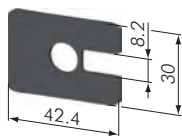
- Application:** Butt fastener. Used for joining two profiles end to end. The anchor is screwed into the opposing profile or plate.
- Material:** steel, zinc-plated
- Assembly:**
- Tap center hole of mating profile with an M8 thread to orient »diveted« portion of fastener so that it is facing the direction as the barrel housing.

30

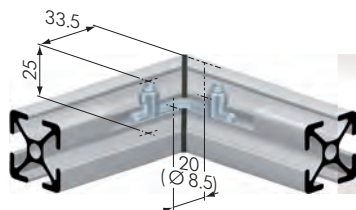




SV1602V



SV1661V



Central Fastener 30 90°

Part No	Description	Weight
SV1602V	Central Fastener 30 90°	28 g
SV1661V	Plastic Corner 30 90°	
SB1332	Machining Central Fastener	

Application: Fastener for 90° mitered joint, cut angle is 45°.

Material: fastener: steel, zinc-plated
plastic corner: POM, black

Assembly:

- bore hole for the barrel housing (2x):
Ø 8.5 mm, 33.5 mm from profile end, 25 mm deep
- bore for center hole on end of profile for anchor (2x):
Ø 8 mm, 20 mm deep



Quick Fastener 30

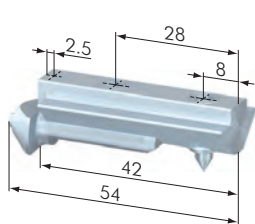
Part No	Description	Weight
SV0104V	Quick Fastener 30	40 g

Application: No machining of either profile is required when using this fastener. The RH grub screw is driven into the profile to retain the t-nut, the LH grub screw retains and tensions the anchor during the fastening process. The anchor has an anti-twist feature.

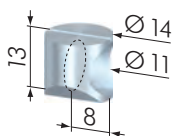
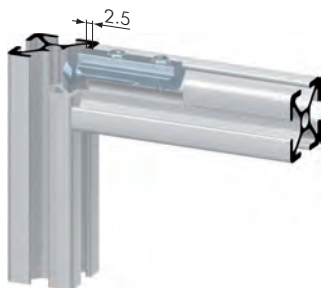
Material: steel, zinc-plated

Assembly:

- Insert the t-nut portion of fastener so that the anti-twist feature protrudes 2.5 mm over the end of the profile edge.
- Screw in the cone point set screw on the t-nut portion of fastener into the profile.
- Insert the anchor into the t-slot of the mating profile and tighten into place by means of the t-nut portion of the fastener.



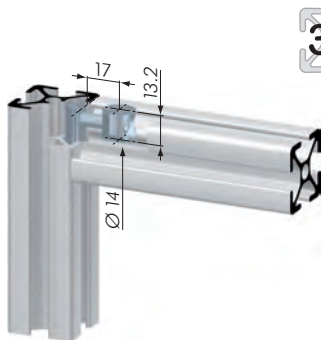
SV0104V



SV1802V



SV1803V



Universal Fastener 30

Part No	Description	Weight
SV1802V	Universal Fastener 30	8 g
SV1803V	Universal Fastener Set 30	23 g
SB1351	Machining Universal Fastener	

Application: Universal applications. Uses a slide-in t-nut with locking grub screw.

Material: steel, zinc-plated

Assembly:

- Insert t-nut into the t-slot of profile.
- bore hole for fastener housing:
Ø 14 mm, 15 mm from the profile end, 12.7 mm deep

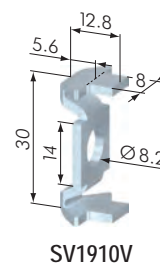
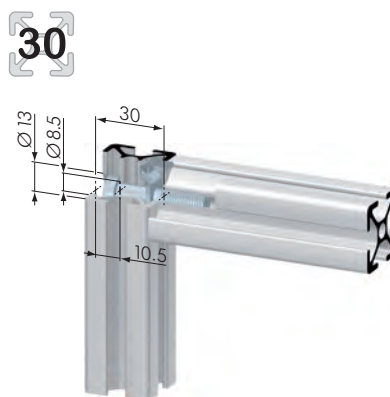
Standard Connector 30

Part No	Description	Weight
SV1910V	Standard Connector 30	12 g

Application: An inexpensive and simple connection for profiles. The t-slot is not deformed when the joint is made, giving greater stability to the joint. At the same time, the fastener guarantees no twisting of the joined profiles.

Material: steel, zinc-plated

- Assembly:**
- Insert the standard fastener into the t-slot from the end of the profile
 - bore hole for Km 8: $\varnothing 8.5$ mm, 15 mm from the profile end, 30 mm deep
 - bore for cap screw head: $\varnothing 13$ mm, 15 mm from the profile end, 10.5 mm deep
 - Tap center hole of mating profile with an M8 thread.



SV1910V

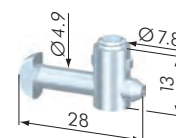
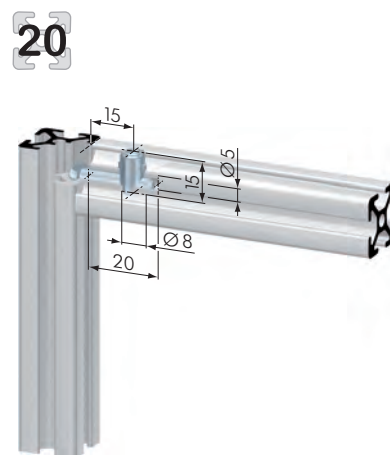
Central Fastener 20 EL / EQ

Part No	Description	Weight
SV1501V	Central Fastener 20 EL	8 g
SV1500V	Central Fastener 20 EQ	8 g
SB1332	Machining Central Fastener	

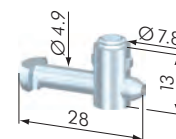
Application: All-purpose universal fastener. The twist-in anchor, with an anti-twist feature, can be fixed in the profile t-slot at any point.

Material: steel, zinc-plated

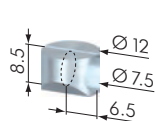
- Assembly:**
- bore hole for the barrel housing: $\varnothing 8$ mm, 15 mm from the profile end, 15 mm deep
 - bore for center hole on end of profile for anchor: $\varnothing 5$ mm, 25 mm deep



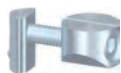
SV1501V



SV1500V



SV1804V



SV1805V



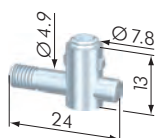
20

Universal Fastener 20		
Part N ^o	Description	Weight
SV1804V	Universal Fastener 20	4 g
SV1805V	Universal Fastener Set 20	8 g
SB1352	Machining Universal Fastener	

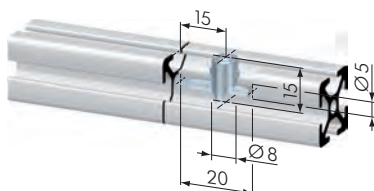
Application: Universal applications. Uses a slide-in t-nut with locking grub screw.

Material: steel, zinc-plated

- Assembly:**
- Insert t-nut into the t-slot of profile.
 - bore hole for fastener housing:
Ø 12 mm, 10 mm from the profile end, 8.5 mm deep



SV1073V



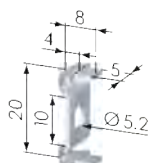
20

Central Fastener 20 G		
Part N ^o	Description	Weight
SV1073V	Central Fastener 20 G	6 g
SB1332	Machining Central Fastener	

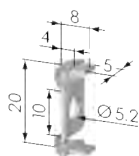
Application: Butt fastener. Used for joining two profiles end to end. The anchor is screwed into the opposing profile or plate.

Material: steel, zinc-plated

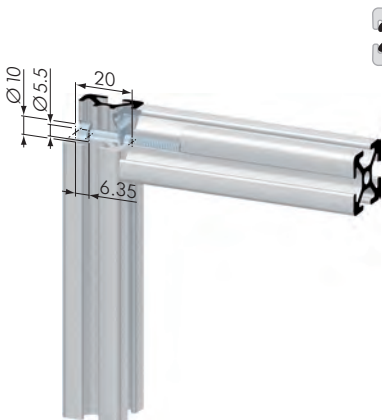
- Assembly:**
- bore hole for the barrel housing:
Ø 8 mm, 15 mm from the profile end, 15 mm deep
 - bore for center hole on end of profile for anchor:
Ø 5 mm, 20 mm deep
 - Tap center hole of mating profile with an M 5 thread and screw in threaded anchor. Twist 1-2 revolutions from the end of thread to orient »diveted« portion of fastener so that it is facing the same direction as the barrel housing.



SV1912V



SV1913V



20

Standard Connector 20		
Part N ^o	Description	Weight
SV1912V	Standard Connector 20	12 g
SV1913V	Standard Connector 20 VA	13 g

Application: An inexpensive and simple connection for profiles. The t-slot is not deformed when the joint is made, giving greater stability to the joint. At the same time, the fastener guarantees no twisting of the joined profiles.

Material: steel, zinc-plated

- Assembly:**
- Insert the standard fastener 20 into the t-slot from the end of the profile.
 - bore hole for Km 5:
Ø 5.5 mm, 15 mm from the profile end, 20 mm deep
 - bore for cap screw head:
Ø 10 mm, 10 mm from the profile end, 6.35 mm deep
 - Tap center hole of mating profile with an M 5 thread.

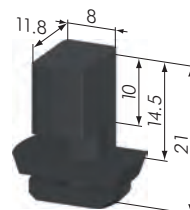
Locator Block

Part N ^o	Description	Weight
SZ3000S	Locator Block	3 g

Application: Installation accessory and anti-twist feature device for simple screw and central fastener connections in the 40 profile range.

Material: PA, black

40



SZ3000S

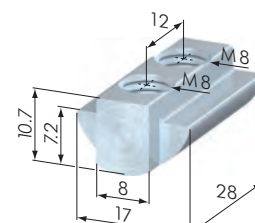
Special T-Nut

Part N ^o	Description	Weight
SV2060V	Special T-Nut	21 g

Application: Provides anti-twist security used for heavy loads.

Material: steel, zinc-plated

40



SV2060V

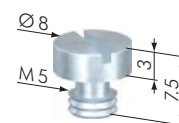
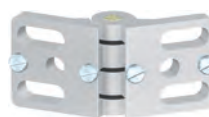
Anti-Twist Set Screw

Part N ^o	Description	Weight
SS9900V	Anti-Twist Set Screw	1.4 g

Application: Anti-twist set screw for hinges and other applications.

Material: steel, zinc-plated

40



SS9900V

Doweling T-Nut

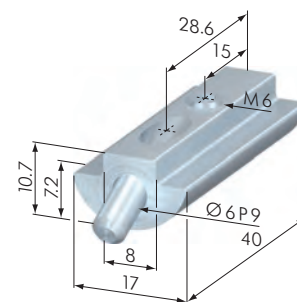
Part N ^o	Description	Weight
SV2070V	Doweling T-Nut	35 g

Application: Prevents movement caused by heavy loads. Can also be used to stop aligned profiles from moving.

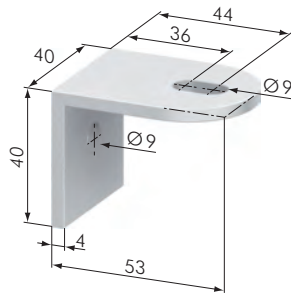
Resilience against movement per element – up to 3kN.

Material: steel, zinc-plated

40



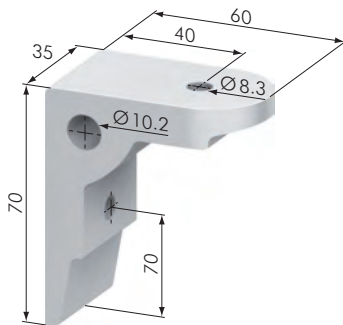
SV2070V



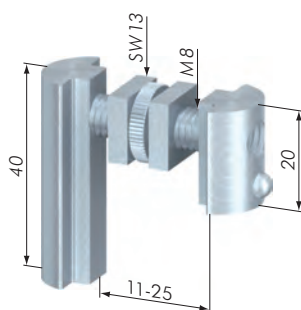
SZ8000N



SZ8005N



SZ8001N



SZ8010N



Angle 40 x 60

Part No	Description	Weight
SZ8000N	Angle 40 x 60	31.5 g

Application: For attaching and adjusting protection panels.

Gap adjustment: 16 - 24 mm

Material: aluminum, natural anodized

Supply:

- 1x attachment screw M8 / L 24
- 1x screw M8 x 20, DIN 7380, washer



Bolt G-type

Part No	Description	Weight
SZ8005N	Bolt G-type	66.1 g

Application: For the centering of protection panels.

The bolt G-type gears with the angle 60 x 70.

Material: steel, zinc-plated



Angle 60 x 70

Part No	Description	Weight
SZ8001N	Angle 60 x 70	113.5 g

Application: Panel support angle with bolt for angular adjustment of panels.

Material: aluminum, natural anodized

Supply:

- 1x SS2330V attachment screw M8 / L 30
- 1x SZ8005N bolt type G



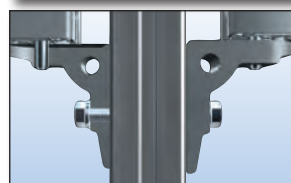
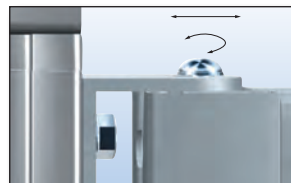
Holder, adjustable

Part No	Description	Weight
SZ8010V	Holder, adjustable	66.1 g

Application: Compensating mounting for protection panels.

Gap adjustment: 11 - 25 mm

Material: steel, zinc-plated



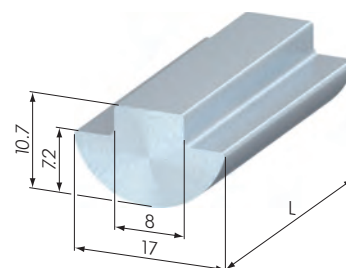
T-Nut Profile, slide-in

40

Part N ^o	Description	Weight
SV2570V3000	T-Nut Profile, slide-in, 3000 mm	2880 g
SV2571V	T-Nut Profile, slide-in, cut	960 g/m

Application: For manufacturing t-nuts, maximum tapping size M 8.

Material: steel, blank



SV2570V

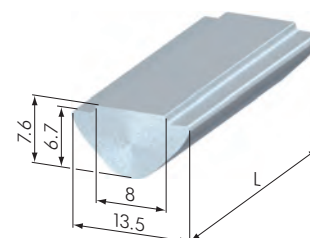
T-Nut Profile, push-in

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Part N ^o	Description	Weight
SV2560V3000	T-Nut Profile, push-in, 3000 mm	1605 g
SV2561V	T-Nut Profile, push-in, cut	536 g/m
Part N ^o VA	Description	Weight
SV2575V3000	T-Nut Profile stainless steel, push-in, 3000 mm	1605 g

Application: For manufacturing t-nuts, maximum tapping size M 8.

Material: steel, blank or stainless-steel



SV2560V

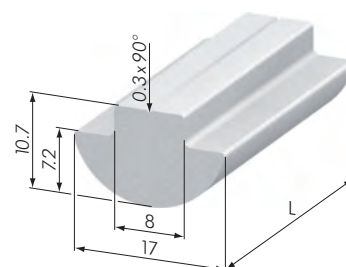
T-Nut Profile, aluminum, slide-in

40

Part N ^o	Description	Weight
SV2570N6000	T-Nut Profile, slide-in, 6000 mm	1986 g
SV2570N3000	T-Nut Profile, slide-in, 3000 mm	995 g
SV2571N	T-Nut Profile, slide-in, cut	332 g/m

Application: For manufacturing t-nuts, maximum tapping size M 8.

Material: aluminum, natural anodized



SV2570N

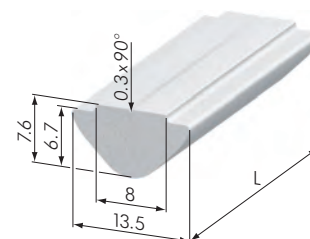
T-Nut Profile, aluminum, push-in

40

Part N ^o	Description	Weight
SV2560N6000	T-Nut Profile, push-in, 6000 mm	1110 g
SV2560N3000	T-Nut Profile, push-in, 3000 mm	555 g
SV2561N	T-Nut Profile, push-in, cut	185 g/m

Application: For manufacturing t-nuts, maximum tapping size M 8.

Material: aluminum, natural anodized



SV2560N

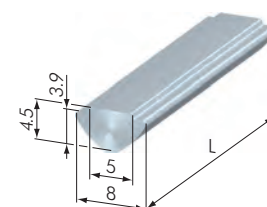
T-Nut Profile, mini

20

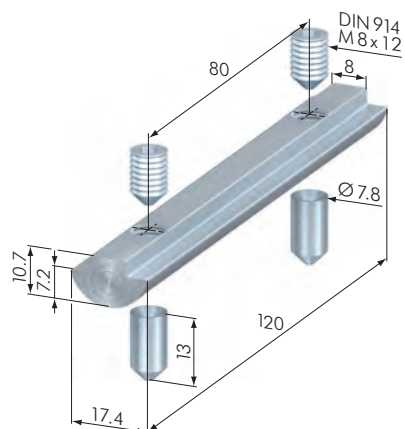
Part N ^o	Description	Weight
SV2080V3000	T-Nut Profile mini, 3000 mm	609 g
SV2581V	T-Nut Profile mini, cut	203 g/m

Application: For manufacturing t-nuts, maximum tapping size M 5.

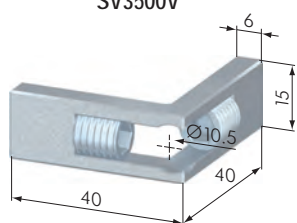
Material: steel, blank



SV2580V



SV3500V



SV1901V



40

Pneumatic Fastener 40

Part No	Description	Weight
SV3500V	Pneumatic Fastener 40	114 g

Application: For extending profile runs used as compressed air lines.
Can also be used to extend standard profile runs.

Material: steel, zinc-plated

Supply:

- 1x t-nut M 8, slide-in, L = 120 mm
- 2x tensioning bush
- 2x grub screw M 8 x 12, zinc-plated



40

Miter Connector 40 90°

Part No	Description	Weight
SV1901V	Miter Connector 40 90°	49 g

Application: For right angled joining of table profiles (SP2500N).

Material: steel, zinc-plated



40

Attachment Screws

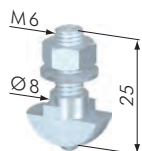
Part No	Description	Weight
SS2225V	Attachment Screw M 6 / L 25	12 g
SS2230V	Attachment Screw M 6 / L 30	12 g
SS2240V	Attachment Screw M 6 / L 40	15 g
SS2330V	Attachment Screw M 8 / L 30	
SS2332V	Attachment Screw M 8 / L 32	20 g
SS2340V	Attachment Screw M 8 / L 40	22 g

Application: Attaching accessories and sheet material to profiles.
The twist-in attachment screw, with an anti-twist feature, can be fixed in the profile groove at any point and is held in position by a spring-loaded ball.

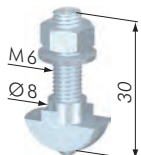
Material: steel, zinc-plated

Supply:

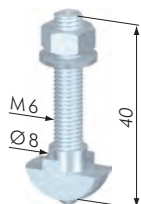
- 1x hexagon nut M 6 (M 8), DIN 934, Zn
- 1x washer M 6 (M 8), DIN 125
- 1x attachment screw M 6 (M 8) x L



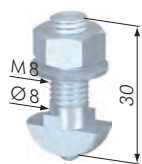
SS2225V



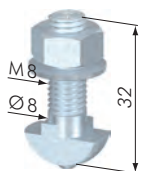
SS2230V



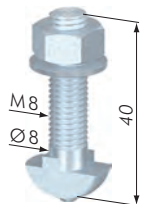
SS2240V



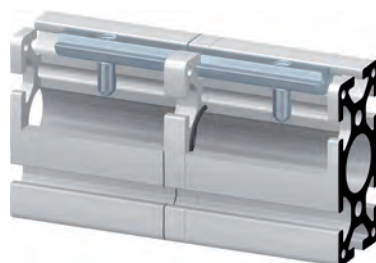
SS2330V



SS2332V

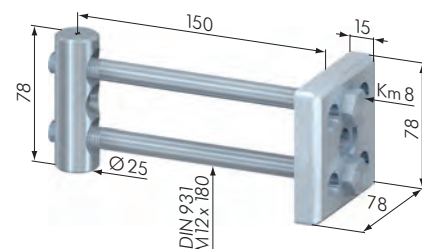


SS2340V





Heavy Duty Fasteners		
Part No	Description	Weight
SV6000V	Heavy Duty Fastener 80 x 80 200 M 27	1.53 kg
SV6002V	Heavy Duty Fastener 80 x 80 160 M 27	1.18 kg
SV6005V	Heavy Duty Fastener 80 x 80 M 12	0.80 kg
SV6008V	Heavy Duty Fastener 80 x 120 M 12	
SV6010V	Heavy Duty Fastener 120 x 120 M 12	3.94 kg
SV6011V	Heavy Duty Fastener 120 x 120 M 27	4.30 kg

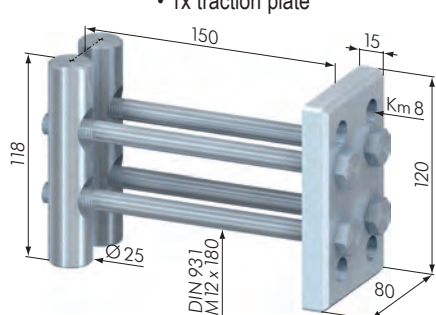


SV6005V

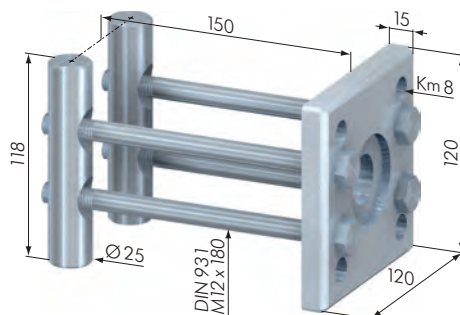
Application: For a stable and positive attachment of large profiles under heavy loads. Due to the large support area, high pressure forces can be achieved.

Material: steel, zinc-plated

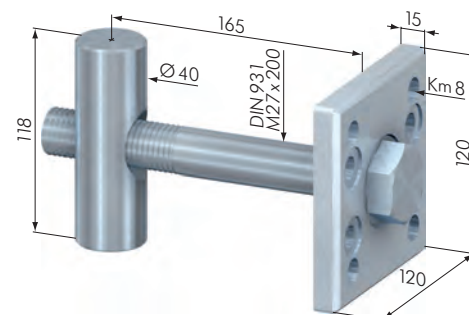
- Supply:**
- 1x / 2x / 4x hexagon screw with washers
 - 1x / 2x fastening bolt
 - 1x traction plate



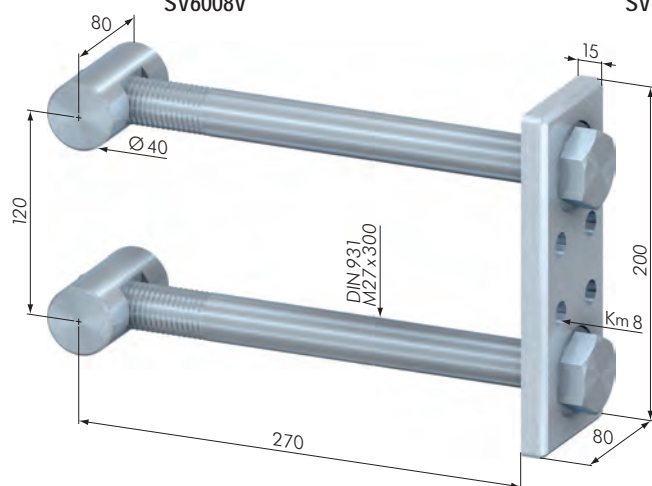
SV6008V



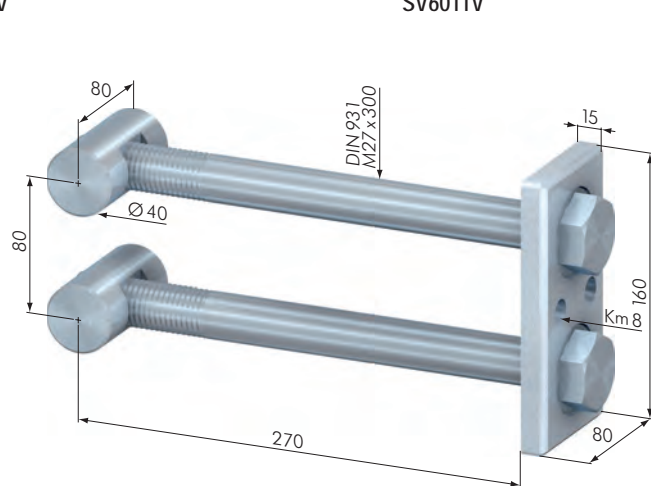
SV6010V



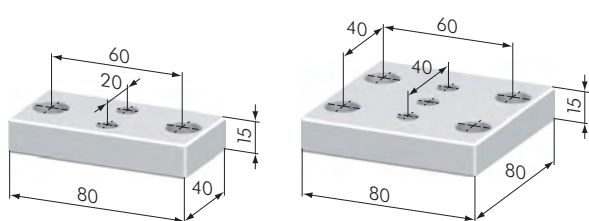
SV6011V



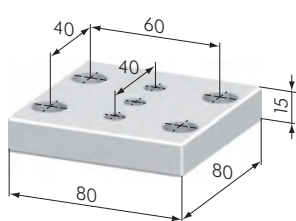
SV6000V



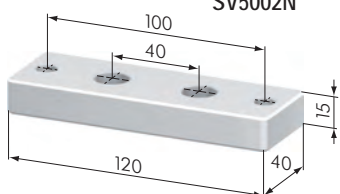
SV6002V



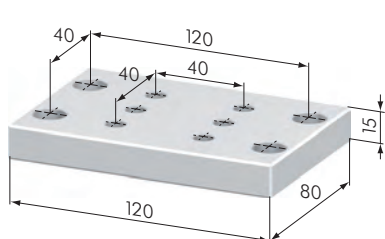
SV5001N



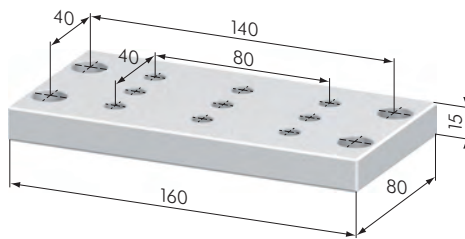
SV5002N



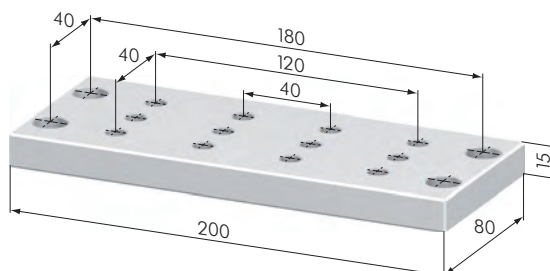
SV5006N



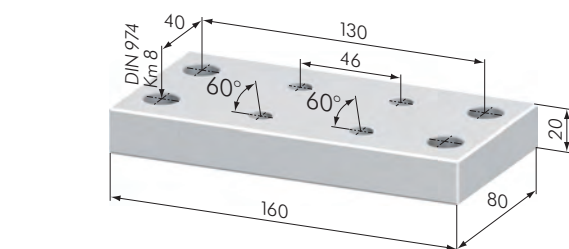
SV5003N



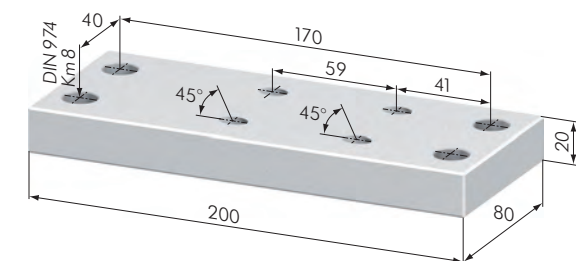
SV5004N



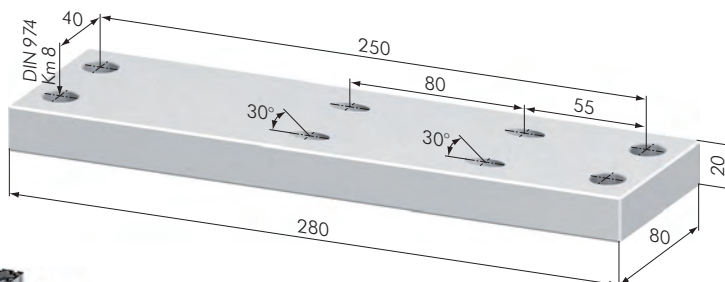
SV5005N



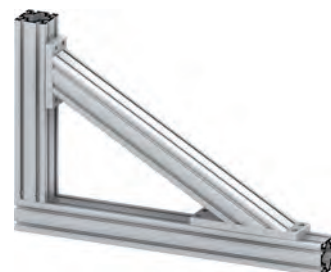
SV5016N



SV5014N



SV5013N



Attachment Plates		
Part No	Description	Weight
SV5001N	Attachment Plate 80 x 40	130 g
SV5002N	Attachment Plate 80 x 80	260 g
SV5003N	Attachment Plate 80 x 120	390 g
SV5004N	Attachment Plate 80 x 160	520 g
SV5005N	Attachment Plate 80 x 200	650 g
SV5006N	Attachment Plate 40 x 120	190 g

Application: To attach profiles onto assemblies, work benches, etc.
Can also be used to connect profiles one to another.

Material: aluminum, natural anodized

Supply: • attachment plate

Attachment Plates		
Part No	Description	Weight
SV5013N	Attachment Plate 30°, 80 x 280	1130 g
SV5014N	Attachment Plate 45°, 80 x 200	800 g
SV5016N	Attachment Plate 60°, 80 x 160	635 g

Application: For bracing two profiles by either attaching two 45° plates or one 30° plate and one 60° plate to the 80 x 80 profiles.

Material: aluminum, natural anodized

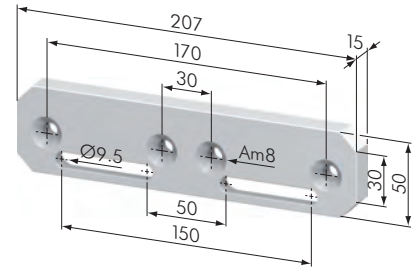
Supply: • 1x attachment plate

40

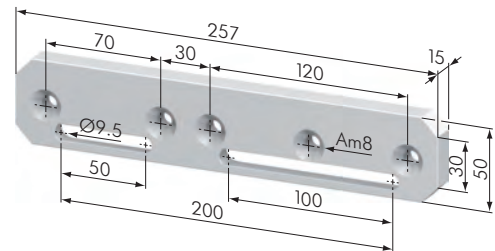
Step Fasteners		
Part No	Description	Weight
SV3200N	Step Fastener 200	450 g
SV3202N	Step Fastener 250	489 g
SV3205N	Step Fastener 300	530 g

Application: One or two step fasteners are attached to the end of a length of tread profile (SP0610N or SP0620N) to make one complete step. The complete step is attached to the profile that makes the staircase. The pitch of the steps can be quickly varied by sliding the step up or down the staircase profile groove.

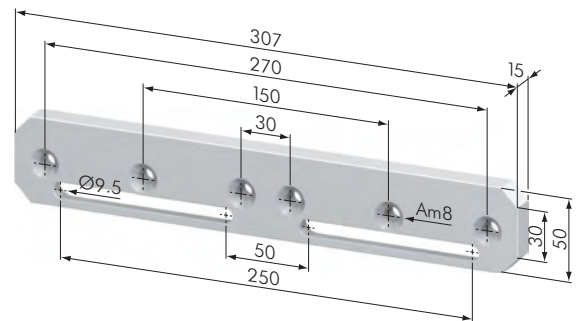
Material: aluminum, natural anodized



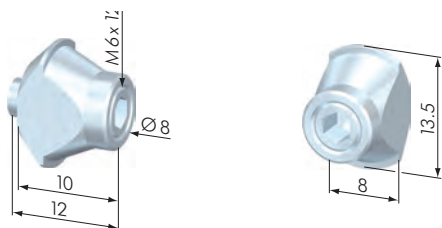
SV3200N



SV3202N



SV3205N



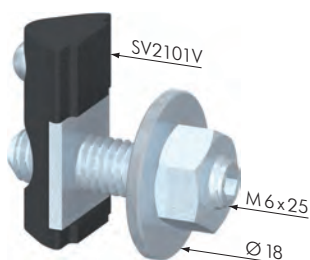
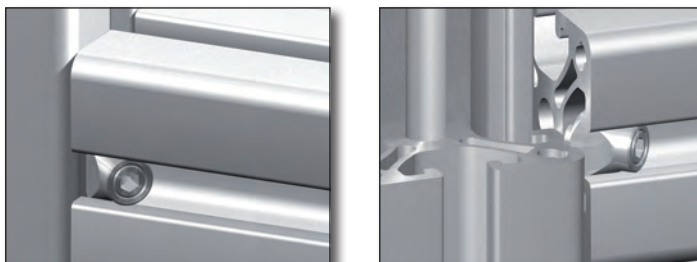
SZ7000N



Potential Equalizers		
Part No	Description	Weight
SZ7000N	Potential Equalizer 40	4.7 g
SZ7001N	Potential Equalizer 30	

Application: For the bonding of machine frames. Establishes an electrical conductivity connection between two profiles. The potential equalizer must not be used to carry current or become description of a protective circuit.

Material: steel, zinc-plated



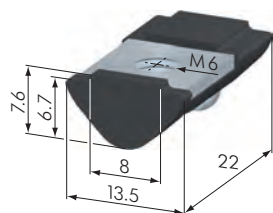
SZ6800N



Earth Connection 40		
Part No	Description	Weight
SZ6800N	Earth Connection 40	4.7 g

Application: Terminals for earthing machine frames etc.

- Supply:**
- 1x SSV2101V t-nut steel / plastic M6
 - 1x grub screw M 6 x 25, DIN 916
 - 1x hexagon nut M 6, DIN 934
 - 1x brass screw 6.4 (M 6), DIN 9021
 - 1x brass lock washer A 6.4, DIN 6798



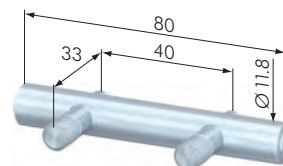
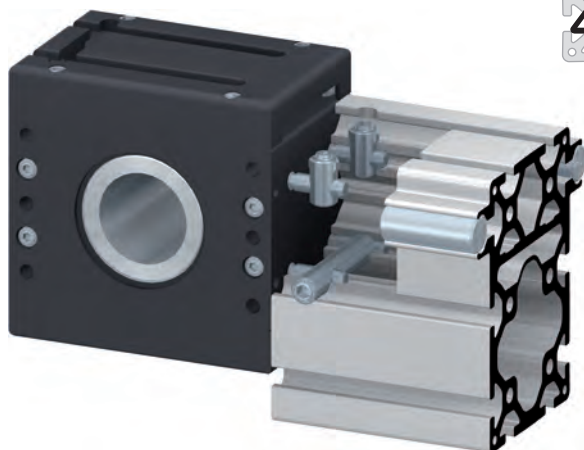
SV2101V



Special Fastener 120		
Part No	Description	Weight
SV3100V	Special Fastener 120	76 g

Application: Used to attach the pulley assembly SL0680S to track profile SP8900N.

Material: steel, zinc-plated

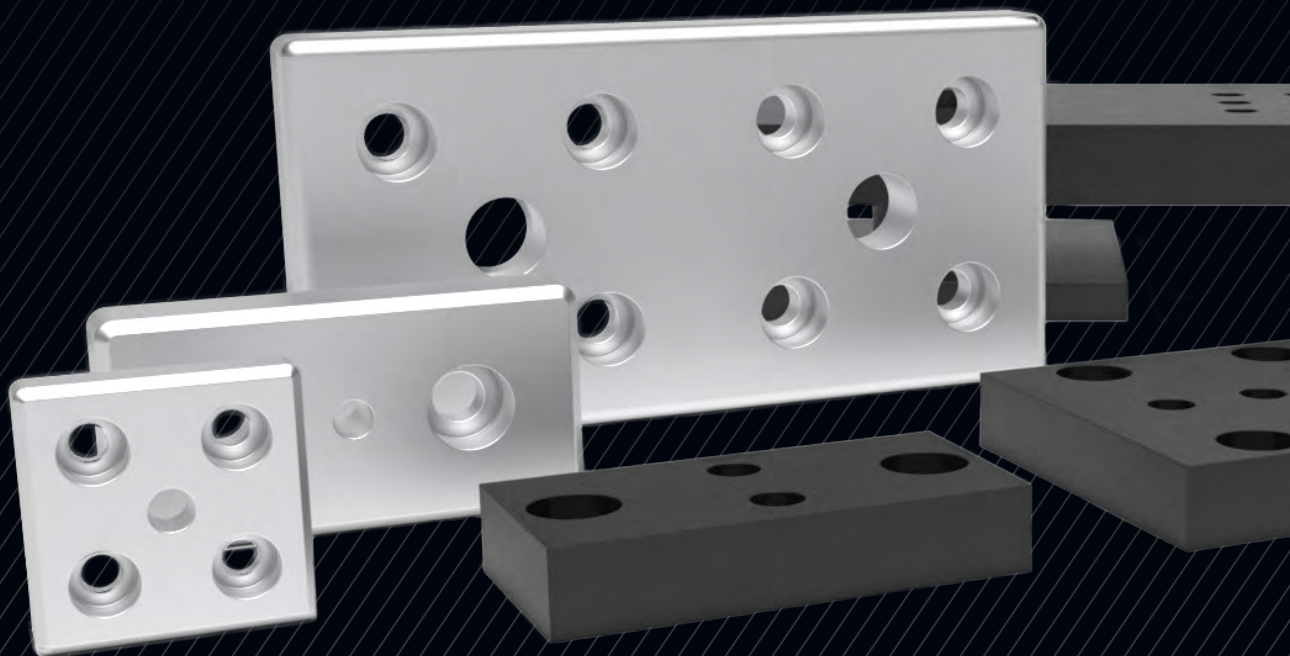


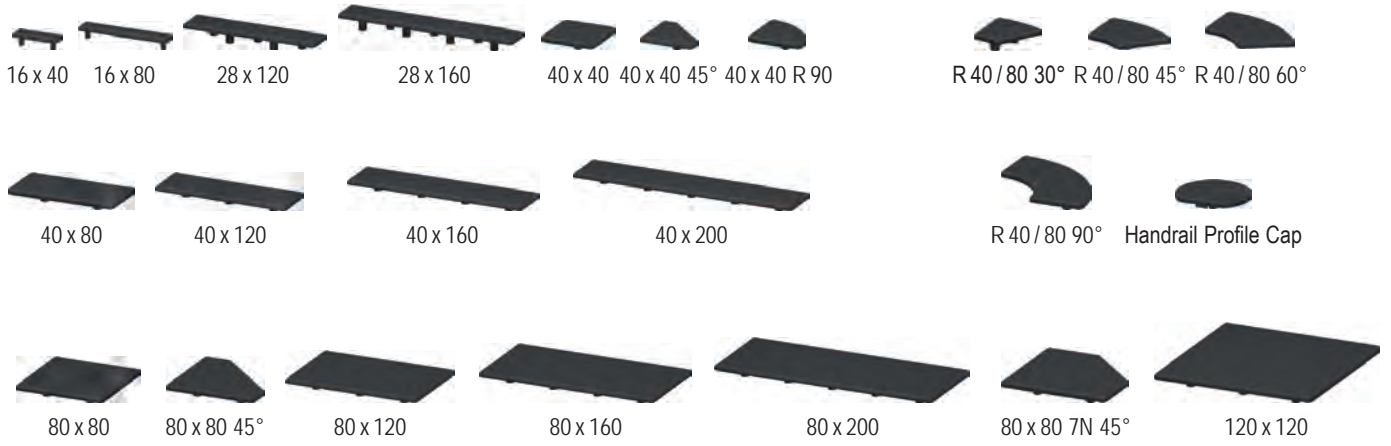
SV3100V

PALETTI

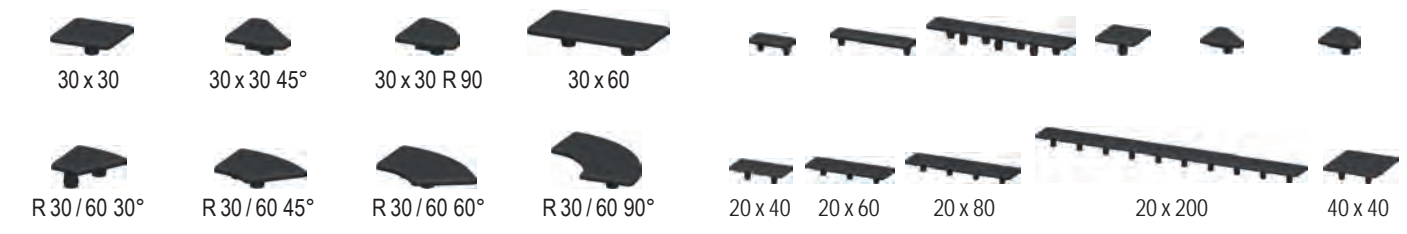
PRECISE, LONG-LASTING, INDIVIDUALLY

ACCESSORIES





Profile Caps 40



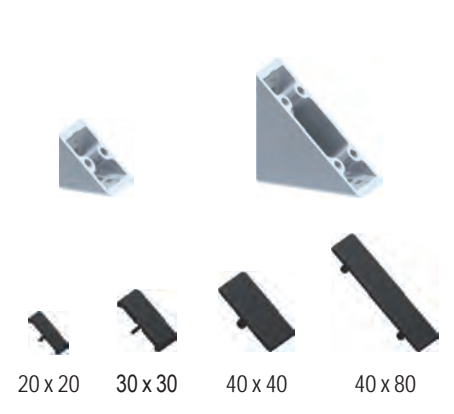
Profile Caps 20



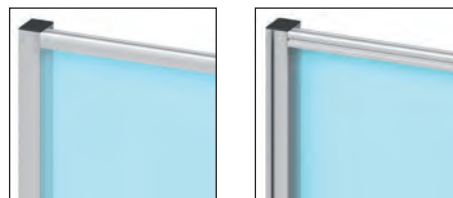
Inch Profile Caps

Corner Fastener Caps 40 x 40

Wiring Duct Caps



Corner Bracket Caps



Protection Wall
Support Leg Cap 60 x 80



SV Drilling Cap



40 x 80



40 x 120



40 x 160



40 x 200



R 40 x 80 90°

Foot Plates 40, zinc-plated



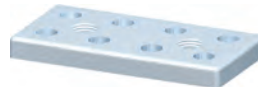
80 x 80



80 x 80 Edge 7N



80 x 120



80 x 160



80 x 200



120 x 120



120 x 160



30 x 60 midi



60 x 60 midi



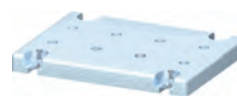
20 x 40 mini



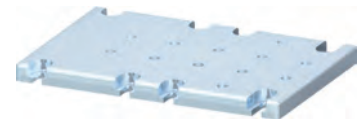
40 x 40 mini

Foot Plates midi, zinc-plated

Foot Plates mini, zinc-plated



120 x 160 Ø 9



160 x 240 Ø 9

System Plates, zinc-plated



Double Castors Ø 75 (braked)



Castor Ø 75



Castor Ø 125



Castors Ø 75 (braked)



Castors Ø 125 (braked)



Castors Ø 50 (braked)

Castors



M5/L41 M8/L41 M8/L65

Adjustable Feet Ø 29



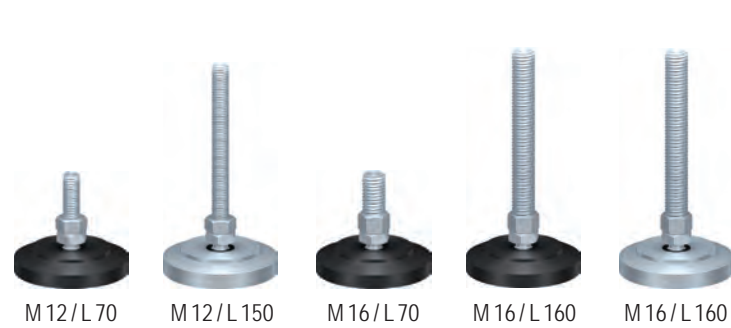
M8/L41 M8/L65 M10/L65

Adjustable Feet Ø 39



M8/L44 M8/L68 M10/L68

Adjustable Feet Ø 54



M12/L70 M12/L150 M16/L70 M16/L160 M16/L160

Adjustable Feet Ø 79



Rubber Boot

M8/L71 M10/L71 M12/L71 M16/L161

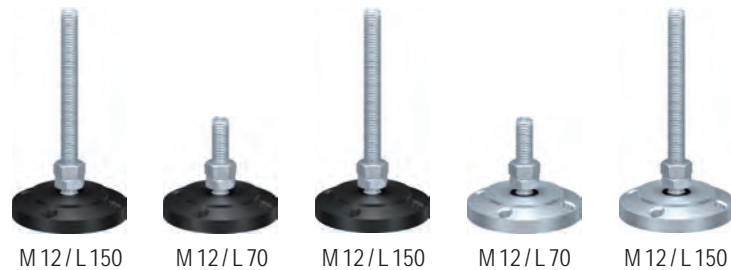
Adjustable Feet Ø 79, with anti-vibration pad



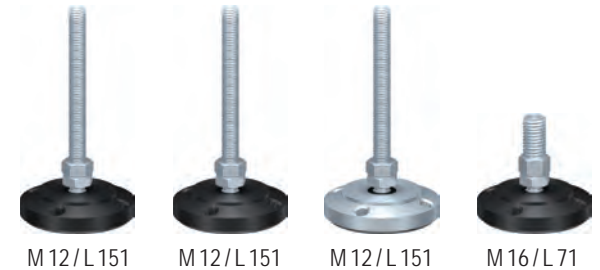
M8/L70 M8/L70 M10/L70 M10/L70 M12/L70



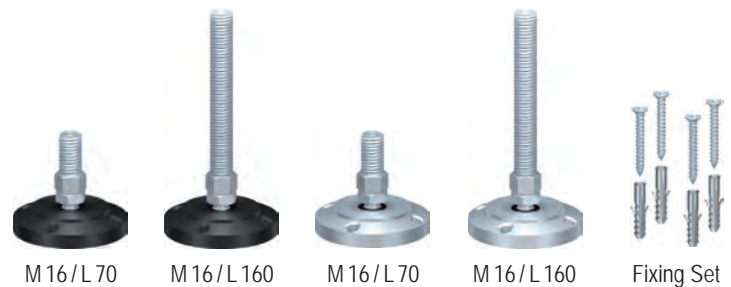
M8/L71 M8/L71 M10/L71 M10/L71



M12/L150 M12/L70 M12/L150 M12/L70 M12/L150



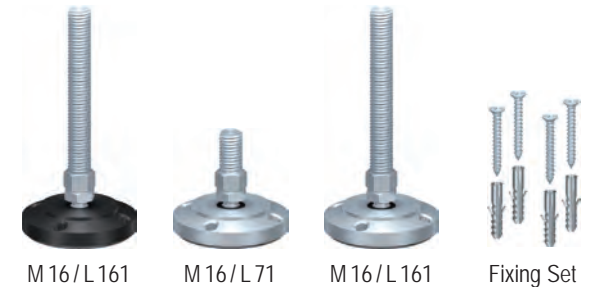
M12/L151 M12/L151 M12/L151 M16/L71



M16/L70 M16/L160 M16/L70 M16/L160

Fixing Set

Adjustable Feet Ø 79, with fixing holes



M16/L161 M16/L71 M16/L161

Fixing Set

Adjustable Feet Ø 79, with fixing holes, anti-vibration pad



M16/L94



M16/L165

Adjustable Feet Ø 136, with fixing holes



Angle Feet



Angle Feet, adjustable

Angle Feet 60 x 120



M16/L95



M20/L95



M16/L166



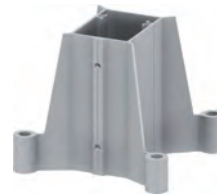
M20/L166



Clamping Feet 40x40, 60x80, 80x80



Mounting Foot 80 x 80



Mounting Foot 60 x 80



Metal Foot

Mounting Feet



M16/L95



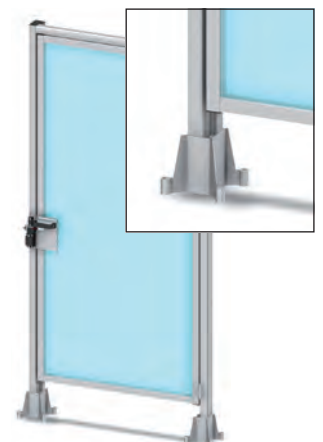
M20/L95



M16/L166



M20/L166

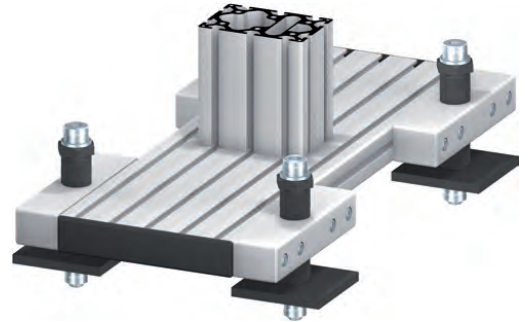




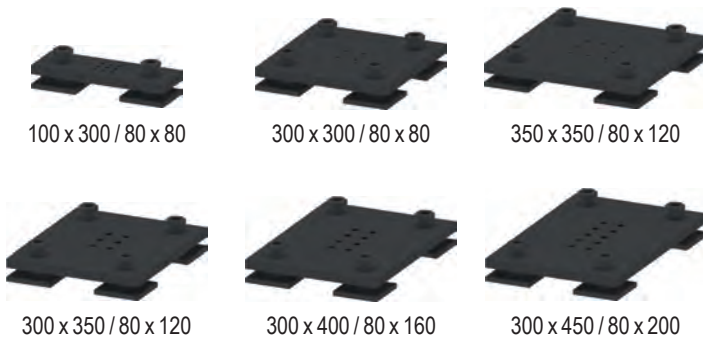
Floor Fixing Plate Floor Plate 28 x 160 x 160 Floor Plate 28 x 160 x 280



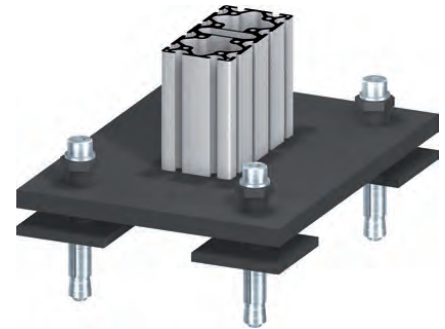
Jacking Screw M 32 x 1.5 60 SW 36 Jacking Screw M 32 x 1.5 100 SW 36 Foot Block M 32 x 1,5



Floor Fixing Elements

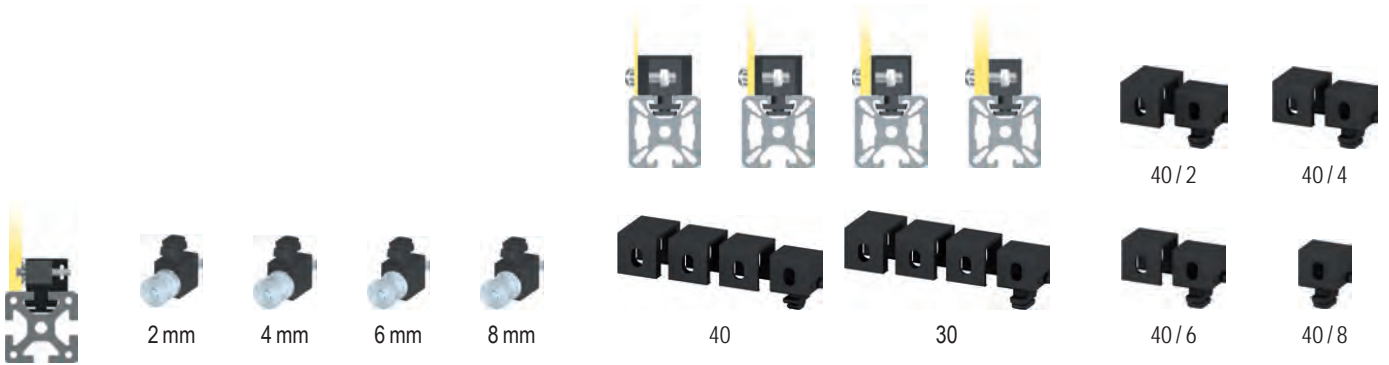


100 x 300 / 80 x 80 300 x 300 / 80 x 80 350 x 350 / 80 x 120
300 x 350 / 80 x 120 300 x 400 / 80 x 160 300 x 450 / 80 x 200



Foot Plate, with four adjustable feet Ø 39

Portal Plates



2 mm 4 mm 6 mm 8 mm

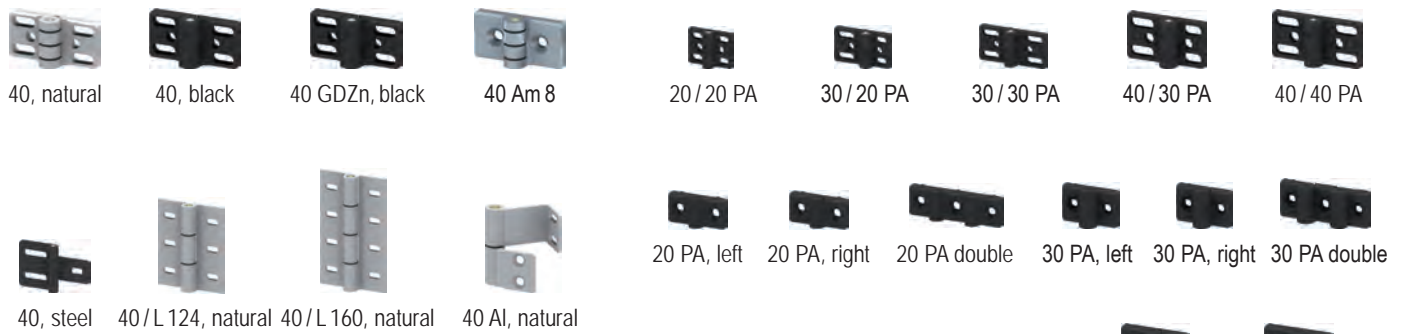
40 30

40/2 40/4
40/6 40/8

Magnetic Catch Plates

Fixing Blocks vario

Fixing Blocks



Hinges 40

Hinges PA



Hangers 40

Hangers 40 SVPS

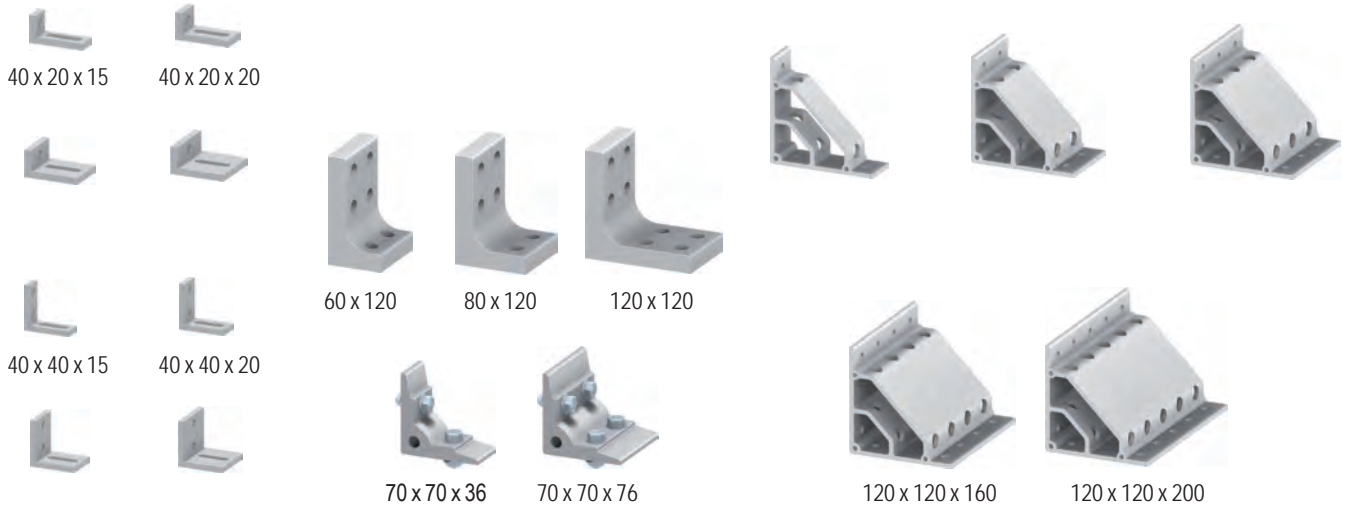
Hangers 40 VU



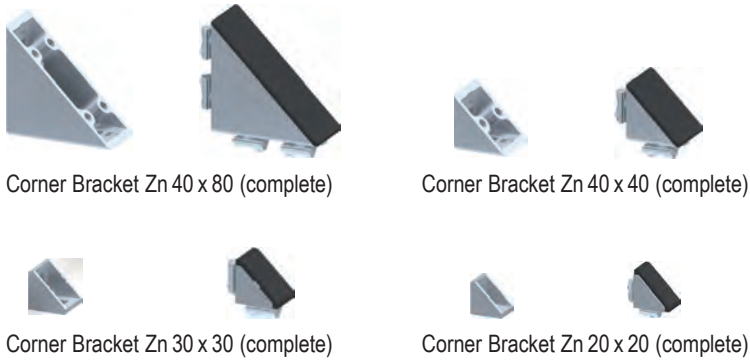
Hangers 30

Hangers 20





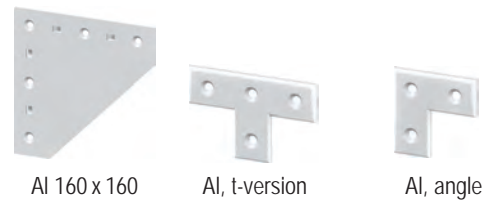
Fixing Angles



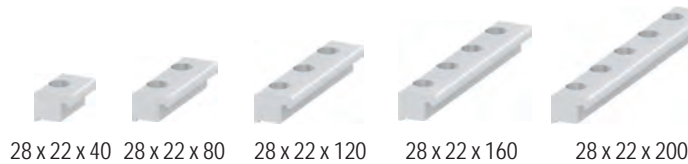
Corner brackets Zn



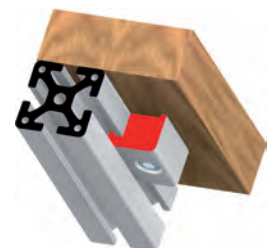
Round Corners



Gusset Plates

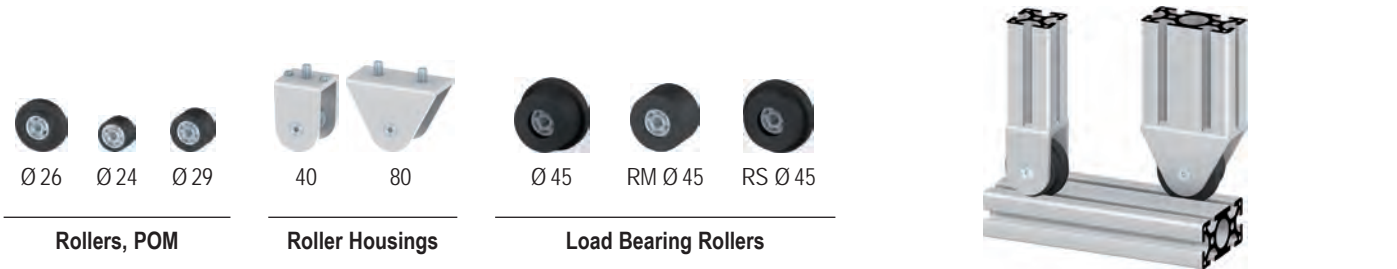


Clamp Angles

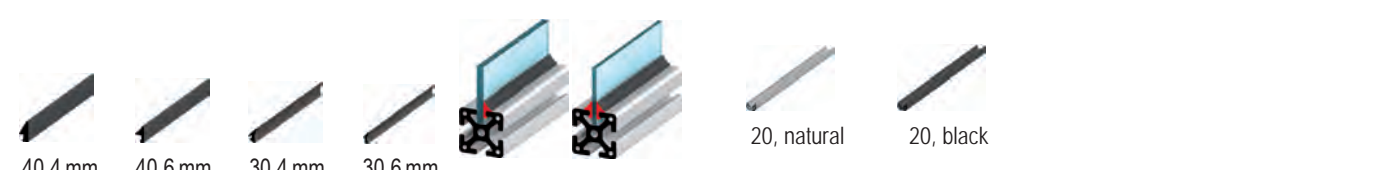




Corner Fasteners 40 x 40



System Gliders 40



Spring Door Catches



Profile Caps 40

Part No	Part No	Description	Weight
black:	grey:		
SZ0030S	SZ0030G	Profile Cap 16 x 40	2 g
SZ0031S	-	Profile Cap 16 x 80	5 g
SZ0018S	-	Profile Cap 20 x 120	9 g
SZ0019S	-	Profile Cap 20 x 240	18 g
SZ0042S	-	Profile Cap 28 x 120	12 g
SZ0043S	-	Profile Cap 28 x 160	17 g
SZ0010S	SZ0010G	Profile Cap 40 x 40	5 g
SZ0016S	-	Profile Cap 40 x 40 45°	4 g
SZ0017S	-	Profile Cap 40 x 40 R 90	3 g
SZ0011S	SZ0011G	Profile Cap 40 x 80	8 g
SZ0012S	-	Profile Cap 40 x 120	13 g
SZ0013S	-	Profile Cap 40 x 160	21 g
SZ0014S	-	Profile Cap 40 x 200	33 g
SZ0020S	SZ0020G	Profile Cap 80 x 80	17 g
SZ0023S	-	Profile Cap 80 x 80 45°	15 g
SZ0025S	-	Profile Cap 80 x 120	21 g
SZ0021S	-	Profile Cap 80 x 160	34 g
SZ0022S	-	Profile Cap 80 x 200	44 g
SZ0024S	-	Profile Cap 80 x 80 7N 45°	13 g
SZ0100S	-	Profile Cap 120 x 120	29 g
SZ0026S	SZ0026G	Profile Cap R 40 / 80 30°	4 g
SZ0027S	SZ0027G	Profile Cap R 40 / 80 45°	6 g
SZ0028S	SZ0028G	Profile Cap R 40 / 80 60°	7 g
SZ0029S	SZ0029G	Profile Cap R 40 / 80 90°	11 g
SZ0060S	-	Handrail Profile Cap	6 g
SZ0040S	SZ0040G	Profile Cap 40 x 40 D10	5 g

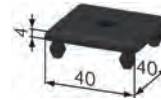
Application: Profile Caps for the profile ranges 40 **standard, semi, double bridge, light** and **superlight**.

Profile Caps 30

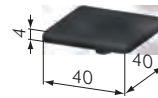
Part No	Description	Weight
SZ0090S	Profile Cap 30 x 30 midi	2.3 g
SZ0096S	Profile Cap 30 x 30 45° midi	1.8 g
SZ0097S	Profile Cap 30 x 30 R 90 midi	2.0 g
SZ0093S	Profile Cap 30 x 60 midi	5.5 g
SZ0091S	Profile Cap R 30 / 60 30° midi	2.3 g
SZ0092S	Profile Cap R 30 / 60 45° midi	2.5 g
SZ0094S	Profile Cap R 30 / 60 60° midi	2.8 g
SZ0095S	Profile Cap R 30 / 60 90° midi	3.4 g
SZ0059S	Profile Cap Set for handle strip profile 30 x 40	5 g
SZ0089S	Profile Cap 13 x 30 midi	16 g

Application: Profile Caps for the profile range 30.

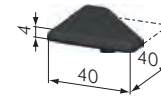
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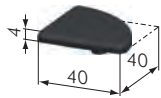
SZ0040S



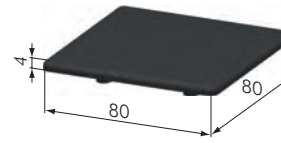
SZ0010S



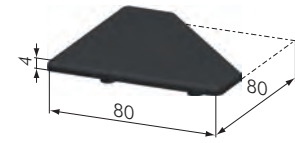
SZ0016S



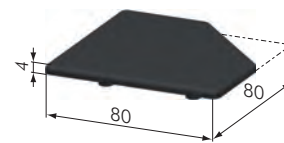
SZ0017S



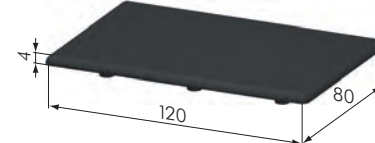
SZ0020S



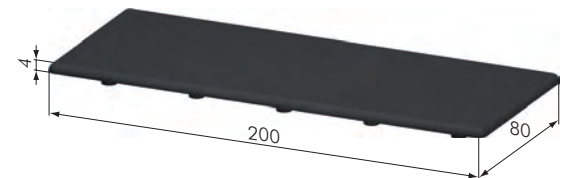
SZ0023S



SZ0024S

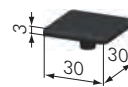


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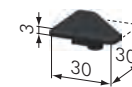


SZ0022S

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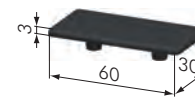
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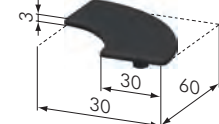
SZ0096S



SZ0097S



SZ0093S



SZ0095S



SZ0059S

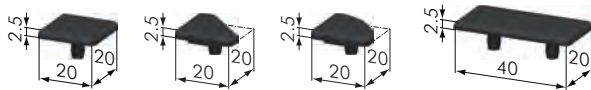
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SZ0008S

SZ0009S

SZ0007S

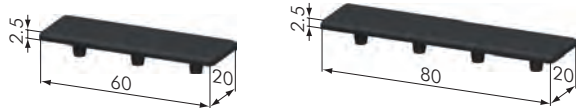


SZ0001S

SZ0004S

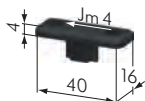
SZ0005S

SZ0002S

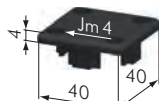


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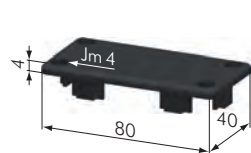
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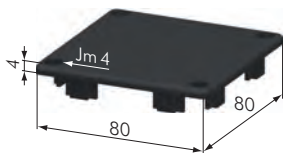
SZ0053S



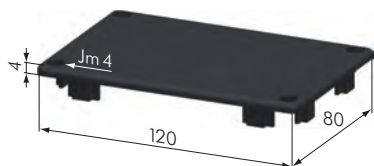
SZ0050S



SZ0051S



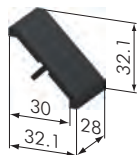
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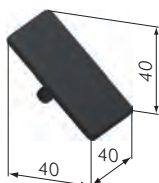
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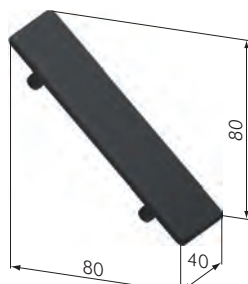
SZ0068S



SZ0069S



SZ0070S



SZ0071S

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Profile Caps 20		
Part №	Description	Weight
SZ0008S	Profile Cap 10 x 20 mini	0.6 g
SZ0009S	Profile Cap 10 x 40 mini	1.1 g
SZ0007S	Profile Cap 14 x 80 mini	3.3 g
SZ0001S	Profile Cap 20 x 20 mini	1.0 g
SZ0004S	Profile Cap 20 x 20 45° mini	0.7 g
SZ0005S	Profile Cap 20 x 20 R 90 mini	0.8 g
SZ0002S	Profile Cap 20 x 40 mini	1.5 g
SZ0065S	Profile Cap 20 x 60 mini	2.0 g
SZ0066S	Profile Cap 20 x 80 mini	2.5 g
SZ0006S	Profile Cap 20 x 200 mini	7.0 g
SZ0003S	Profile Cap 40 x 40 mini	3.5 g

Application: End caps for the profile range 30.

Wiring Duct Caps		
Part №	Description	Weight
SZ0047S	Wiring Duct Cap 30 x 30	
SZ0048S	Wiring Duct Cap 30 x 60	
SZ0049S	Wiring Duct Cap 60 x 60	
SZ0053S	Wiring Duct Cap 16 x 40	3 g
SZ0050S	Wiring Duct Cap 40 x 40	8 g
SZ0051S	Wiring Duct Cap 40 x 80	14 g
SZ0052S	Wiring Duct Cap 80 x 80	30 g
SZ0055S	Wiring Duct Cap 80 x 120	32 g

Application: End caps for wiring ducts.

Supply: 2x / 4x sheet metal screw ST 4.2 x 9.5, DIN 7981

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Corner Bracket Caps		
Part №	Description	Weight
SZ0068S	Corner Bracket Cap 20 x 20	2 g
SZ0069S	Corner Bracket Cap 30 x 30	4 g
SZ0070S	Corner Bracket Cap 40 x 40	8 g
SZ0071S	Corner Bracket Cap 40 x 80	15 g

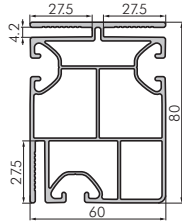
Application: Caps for corner brackets Zn. The corner brackets Zn are also available in a set with the required caps.



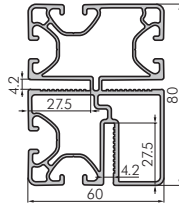
Protection Wall Support Leg Cap

Part No	Description	Weight
SZ0082S	Protection Wall Support Leg Cap 60 x 80	15 g

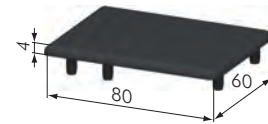
Application: End caps for protection wall support leg profiles 60 x 80 and 60 x 80 5N.



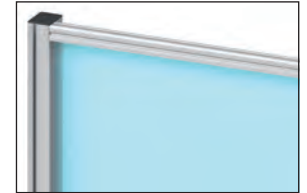
SP6370N
60 x 80



SP6450N
60 x 80 5N



SZ0082S



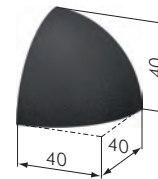
Fixing Angle Caps

Part No	Description	Weight
SZ0075S	Fixing Angle Cap 40 x 40 45°	8 g
SZ0076S	Fixing Angle Cap 40 x 40 round	8 g
SZ0077S	Fixing Angle Cap 40 x 40 edge	16 g

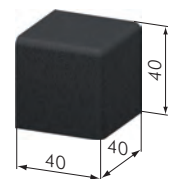
Application: Caps for fixing angles 40 x 40 45°. The fixing angles are also available in a set with the required caps.



SZ0075S



SZ0076S

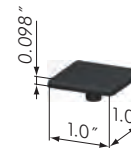


SZ0077S

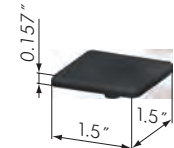
Inch Profile Caps (only in USA)

Part No	Description	Weight
SZ0110S	Profile Cap 1.0" x 1.0"	1 g
SZ0112S	Profile Cap 1.5" x 1.5"	5 g
SZ0113S	Profile Cap 1.5" x 3.0"	8 g
SZ0114S	Profile Cap 3.0" x 3.0"	17 g

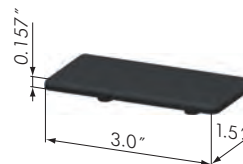
Application: End Caps for inch profiles.



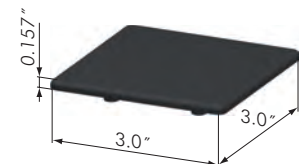
SZ0110S



SZ0112S



SZ0113S

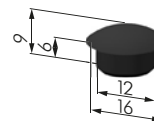


SZ0114S

Profile Cap for SV drillings

Part No	Description	Weight
SZ0099S	Profile Cap for SV drillings	2 g

Application: For covering profile drillings that occur by assembling SV fasteners.



SZ0099S



Cap Automatic connector

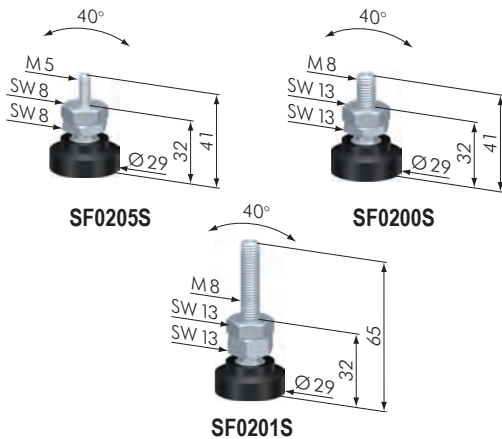
Part No	Description	Weight
SZ0085S	Cap Automatic connector 40	10 g

Application: For covering profile drillings that occur by assembling SV fasteners.



SZ0085S

E Accessories
12 Adjustable Feet

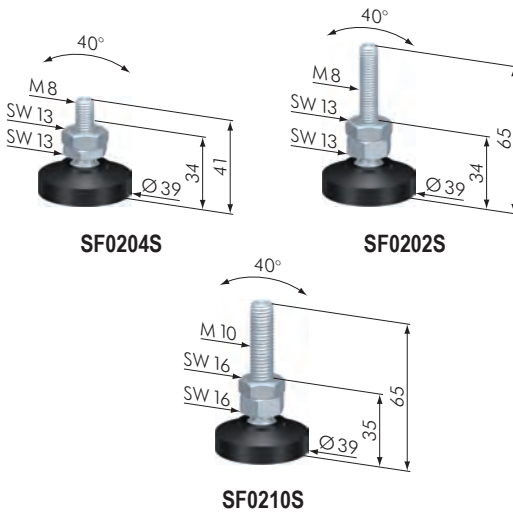


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Adjustable Feet Ø 29			
Part No	Description	H _{min}	Weight
SF0205S	Adjustable Foot Ø 29 M 5 / L 41	32 mm	27 g
SF0200S	Adjustable Foot Ø 29 M 8 / L 41	32 mm	44 g
SF0201S	Adjustable Foot Ø 29 M 8 / L 65	32 mm	50 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 150 kg

Material: pad: POM, black
 spindle: steel, zinc-plated
 hexagon nut SW 17: steel, zinc-plated

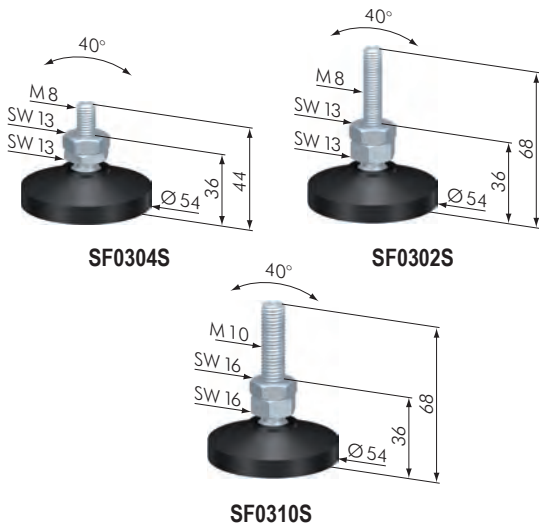


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Adjustable Feet Ø 39			
Part No	Description	H _{min}	Weight
SF0204S	Adjustable Foot Ø 39 M 8 / L 41	34 mm	54 g
SF0202S	Adjustable Foot Ø 39 M 8 / L 65	34 mm	68 g
SF0210S	Adjustable Foot Ø 39 M 10 / L 65	35 mm	75 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 150 kg

Material: pad: POM, black
 spindle: steel, zinc-plated
 hexagon nut SW 17: steel, zinc-plated



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Adjustable Feet Ø 54			
Part No	Description	H _{min}	Weight
SF0304S	Adjustable Foot Ø 54 M 8 / L 44	36 mm	72 g
SF0302S	Adjustable Foot Ø 54 M 8 / L 68	36 mm	87 g
SF0310S	Adjustable Foot Ø 54 M 10 / L 68	37 mm	93 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 150 kg

Material: pad: POM, black
 spindle: steel, zinc-plated
 hexagon nut SW 17: steel, zinc-plated

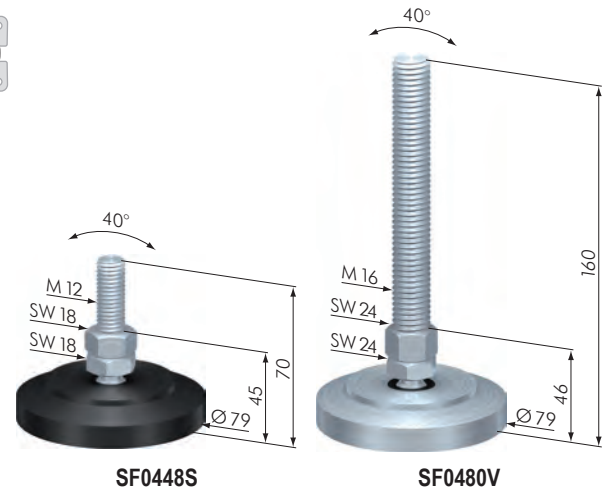
Adjustable Feet Ø 79

Part No	Description	H _{min}	Weight
SF0448S	Adjustable Foot Ø 79 M 12 PS L 70	45 mm	174 g
SF0470V	Adjustable Foot Ø 79 M 12 SV L 150	45 mm	657 g
SF0450S	Adjustable Foot Ø 79 M 16 PS L 70	46 mm	191 g
SF0464S	Adjustable Foot Ø 79 M 16 PS L 160	46 mm	196 g
SF0480V	Adjustable Foot Ø 79 M 16 SV L 160	46 mm	737 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 750 kg

Material: pad: PS POM, black
SV steel, zinc-plated
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

Acc.: SZ1701S rubber boot Ø 79



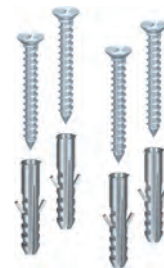
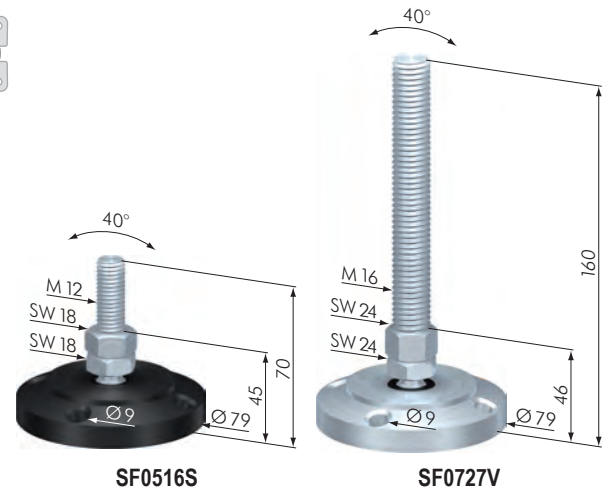
Adjustable Feet Ø 79 with fixing holes

Part No	Description	H _{min}	Weight
SF0417S	Adjustable Foot Ø 79 M 8 PSB / L 70	40 mm	144 g
SF0415V	Adjustable Foot Ø 79 M 8 SVB / L 70	40 mm	546 g
SF0429S	Adjustable Foot Ø 79 M 10 PSB / L 70	40 mm	150 g
SF0427V	Adjustable Foot Ø 79 M 10 SVB / L 70	40 mm	552 g
SF0516S	Adjustable Foot Ø 79 M 12 ASB / L 70	45 mm	247 g
SF0616S	Adjustable Foot Ø 79 M 12 ASB / L 150	45 mm	302 g
SF0517S	Adjustable Foot Ø 79 M 12 PSB / L 70	45 mm	170 g
SF0617S	Adjustable Foot Ø 79 M 12 PSB / L 150	45 mm	225 g
SF0515V	Adjustable Foot Ø 79 M 12 SVB / L 70	45 mm	574 g
SF0615V	Adjustable Foot Ø 79 M 12 SVB / L 150	45 mm	630 g
SF0529S	Adjustable Foot Ø 79 M 16 PSB / L 70	46 mm	190 g
SF0729S	Adjustable Foot Ø 79 M 16 PSB / L 160	46 mm	307 g
SF0527V	Adjustable Foot Ø 79 M 16 SVB / L 70	46 mm	590 g
SF0727V	Adjustable Foot Ø 79 M 16 SVB / L 160	46 mm	700 g
SF0750V	Adjustable Foot Ø 79 M 16 VAB / L 160	46 mm	727 g
SF0760V	Adjustable Foot Ø 79 M 20 VAB / L 160	46 mm	861 g
SZ1700V	Fixing Set For Adjustable Feet		3 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 750 kg

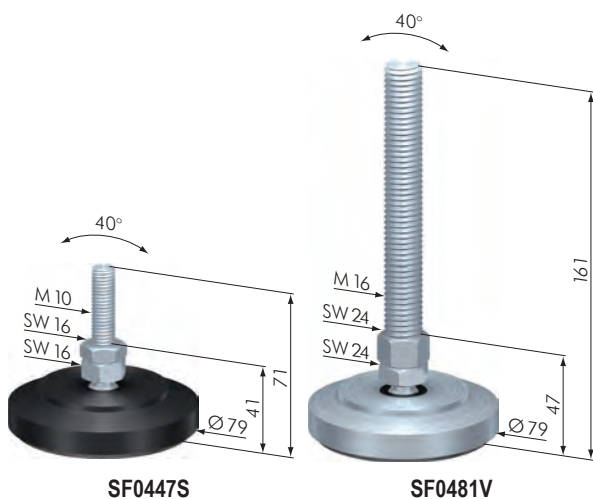
Material: pad: PSB POM, black; with fixing holes
SVB steel, zinc-plated; with fixing holes
VAB stainless-steel; with fixing holes
AVB aluminum, black anodized; with fixing holes
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

Acc.: SZ1700V fixing set for adjustable feet
SZ1701S rubber boot Ø 79



SZ1700V

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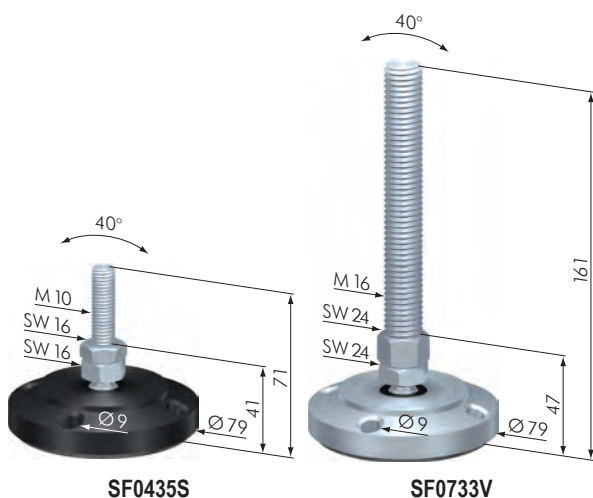
Ø 79 with anti-vibration pad

Part No	Description	H _{min}	Weight
SF0443S	Adjustable Foot Ø 79 M8 PSD / L 71	41 mm	153 g
SF0447S	Adjustable Foot Ø 79 M10 PSD / L 71	41 mm	162 g
SF0449S	Adjustable Foot Ø 79 M12 PSD / L 71	46 mm	179 g
SF0481V	Adjustable Foot Ø 79 M16 SVD / L 161	47 mm	692 g
SF0483V	Adjustable Foot Ø 79 M20 SVD / L 236		940 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 750 kg

Material: pad: PSD POM, black; with anti-vibration pad
SVD steel, zinc-plated; with anti-vibration pad
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

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Ø 79 with anti-vibration pad and fixing holes

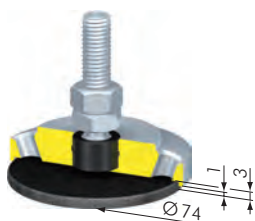
Part No	Description	H _{min}	Weight
SF0423S	Adjustable Foot Ø 79 M8 PSDB / L 71	41 mm	151 g
SF0421V	Adjustable Foot Ø 79 M8 SVDB / L 71	41 mm	508 g
SF0435S	Adjustable Foot Ø 79 M10 PSDB / L 71	41 mm	157 g
SF0433V	Adjustable Foot Ø 79 M10 SVDB / L 71	41 mm	513 g
SF0722S	Adjustable Foot Ø 79 M12 ASDB / L 151	46 mm	229 g
SF0723S	Adjustable Foot Ø 79 M12 PSDB / L 151	46 mm	232 g
SF0721V	Adjustable Foot Ø 79 M12 SVDB / L 151	46 mm	582 g
SF0535S	Adjustable Foot Ø 79 M16 PSDB / L 71	47 mm	195 g
SF0735V	Adjustable Foot Ø 79 M16 PSDB / L 161	47 mm	314 g
SF0533V	Adjustable Foot Ø 79 M16 SVDB / L 71	47 mm	551 g
SF0733V	Adjustable Foot Ø 79 M16 SVDB / L 161	47 mm	670 g
SZ1700V	Fixing Set For Adjustable Feet		3 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 750 kg

Material: pad: PSDB POM, black; with anti-vibr. pad / fixing holes
SVDB steel, zinc-plated; with anti-vibr. pad / fixing holes
ASDB aluminum, black anodized; with anti-vibr. pad / fixing holes
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

Acc.: SZ1700V fixing set for adjustable feet

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Anti-vibration pad

Rubber Boot Ø 79

Part No	Description	Weight
SZ1701S	Rubber Boot Ø 79	24 g

Application: The anti-vibration boots are used with adjustable feet Ø 79.

Material: rubber, black



SZ1701S
sf1121

Adjustable Foot Ø 119 with fixing holes

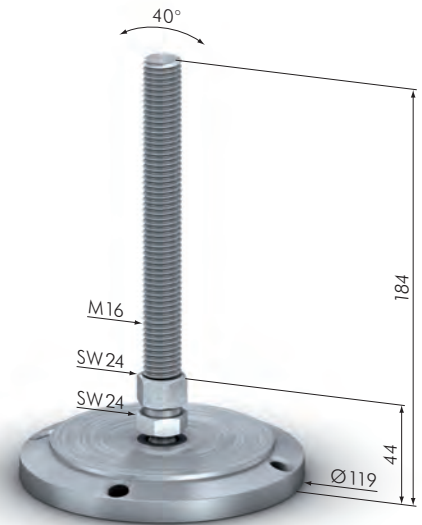
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Part No	Description	H _{min}	Weight
SF0770V	Adjustable Foot Ø 119 M 16 VAB / L 151	44 mm	1.5 kg

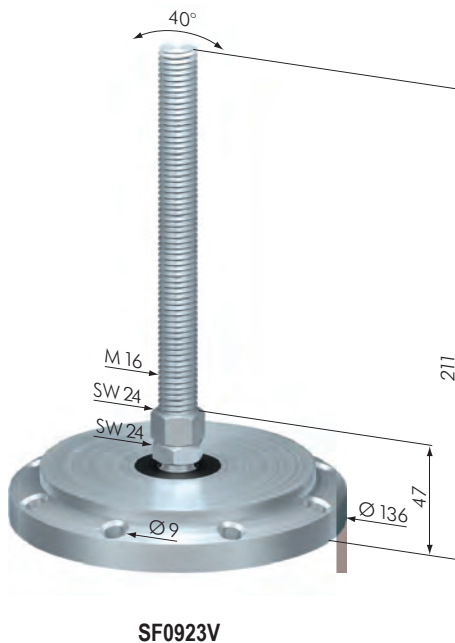
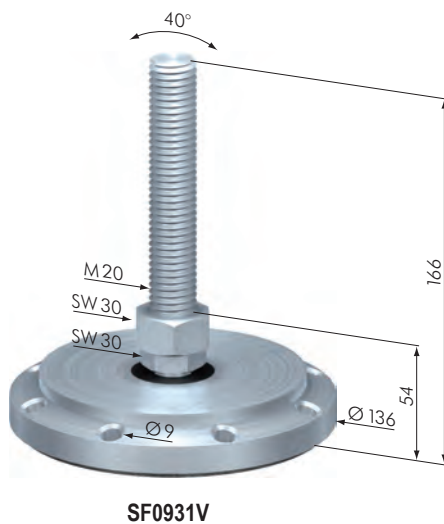
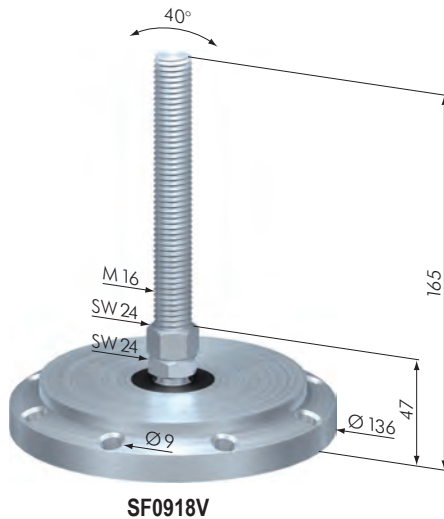
Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 1300 kg

Material: pad: VAB stainless-steel; with fixing holes
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

Acc.: SZ1700V fixing set for adjustable feet



SF0770V



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Ø 136 with fixing holes

Part No	Description	H _{min}	Weight
SF0818V	Adjustable Foot Ø 136 M 16 SVB / L 94	47 mm	2.15 kg
SF0918V	Adjustable Foot Ø 136 M 16 SVB / L 165	47 mm	2.26 kg
SZ1700V	Fixing Set For Adjustable Feet		3 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 1300 kg

Material: pad: SVB steel steel, zinc-plated
striker pad: POM, black
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

Acc.: Two fixing sets SZ1700V are required for adjustable feet Ø 136.

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Ø 136 with anti-vibration pad and fixing holes

Part No	Description	H _{min}	Weight
SF0822V	Adjustable Foot Ø 136 M 16 SVDB / L 95	48 mm	2.02 kg
SF0922V	Adjustable Foot Ø 136 M 16 SVDB / L 166	48 mm	2.11 kg
SF0923V	Adjustable Foot Ø 136 M 16 SVDB / L 211	48 mm	2.19 kg
SF0929V	Adjustable Foot Ø 136 M 20 SVDB / L 95	54 mm	2.10 kg
SF0931V	Adjustable Foot Ø 136 M 20	54 mm	2.23 kg
SZ1700V	Fixing Set For Adjustable		3 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 1300 kg

Material: pad: SVDB steel, zinc-plated; with anti-vibr. pad / fixing holes
striker pad: POM, black
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

Acc.: Two fixing sets SZ1700V are required for adjustable feet Ø 136.

Ø 136 with anti-vibration pad and fixing holes

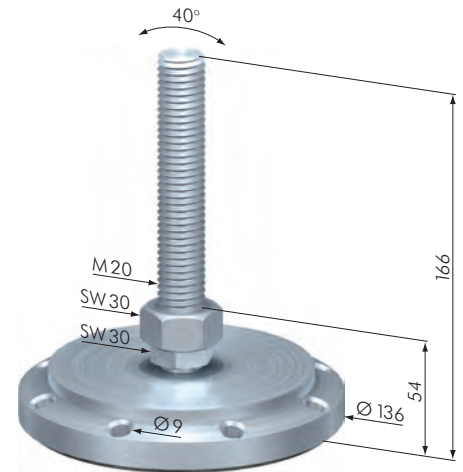
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Part No	Description	H _{min}	Weight
SF0950V	Adj. Foot Ø 136 M 16 SVDB / L 95 St	48 mm	2.04 kg
SF0951V	Adj. Foot Ø 136 M 16 SVDB / L 166 St	48 mm	2.15 kg
SF0952V	Adj. Foot Ø 136 M 20 SVDB / L 95 St	54 mm	2.14 kg
SF0953V	Adj. Foot Ø 136 M 20 SVDB / L 166 St	54 mm	2.27 kg
SZ1700V	Fixing Set For Adjustable Feet		3 g

Application: Height adjustable foot for leveling machines and structures. Any tipping is compensated by a ball and striker pad. Maximum load: 2000 kg

Material: pad: SVDB steel, zinc-plated;
with anti-vibration pad / fixing holes
striker pad: steel, zinc-plated
spindle: steel, zinc-plated
hexagon nut: steel, zinc-plated

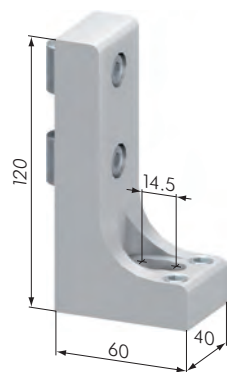
Acc.: Two fixing sets are required for adjustable feet Ø 136.



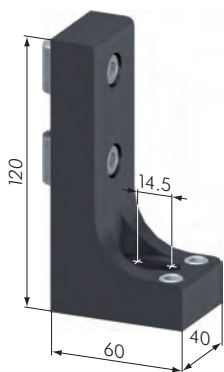
SF0953V

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Angle Feet AI		
Part No	Description	Weight
SF1201N	Angle Foot AN	394 g
SF1201S	Angle Foot AS	394 g
SZ1710V	Fixing Set For Angle Feet	3 g



SF1201N



SF1201S



SZ1710V

Application: For adjusting and fixing machine frames and protection panel support legs to the floor.

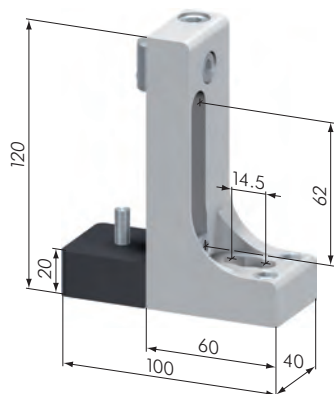
Material: aluminum, natural or black anodized

Supply: 1x angle foot
2x t-nut M 8 / ball-type, slide-in
2x cap head screw M 8 x 25, DIN 6912
2x grub screw M 12 x 20

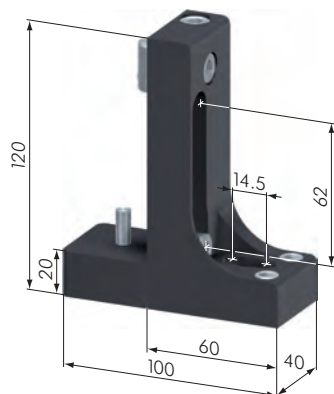
Acc.: SZ1710V floor anchor M 8

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Angle Feet AI, adjustable		
Part No	Description	Weight
SF1200N	Angle Foot AN, adjustable	612 g
SF1200S	Angle Foot AS, adjustable	612 g
SZ1710V	Fixing Set For Angle Feet	3 g



SF1200N



SF1200S

Application: For adjusting and fixing machine frames and protection panel support legs to the floor. Vertical adjustment: 62 mm

Material: aluminum, natural or black anodized

Supply: 1x angle foot
2x t-nut M 8 / ball-type, slide-in
2x cap head screw M 8 x 25, DIN 6912
2x grub screw M 12 x 20

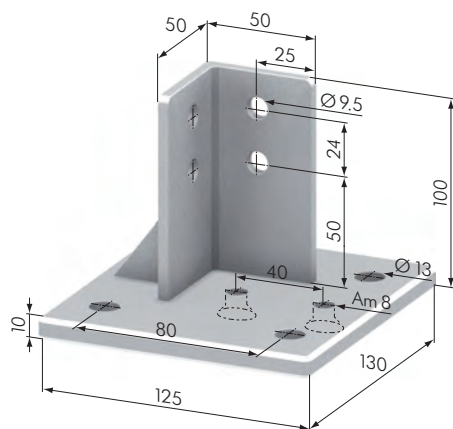
Acc.: SZ1710V floor anchor M 8

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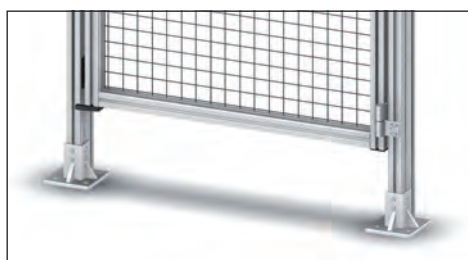
Metal Foot		
Part No	Description	Weight
SZ8040N	Metal Foot	566 g

Application: For fixing protection panel support legs to the floor.

Material: GDZn, natural



SZ8040N



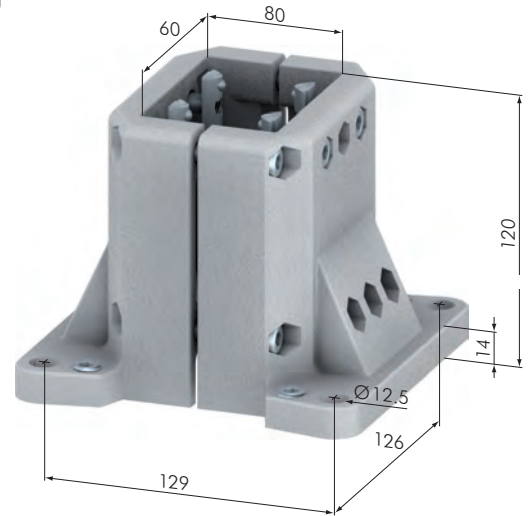
Clamping Feet

Part No	Description	Weight
SZ8080N	Clamping Foot 40 x 40	0,874 kg
SZ8081N	Clamping Foot 60 x 80	1,556 kg
SZ8082N	Clamping Foot 80 x 80	1,784 kg
SZ1735V	Fixing Set Clamping Foot	0,292 kg

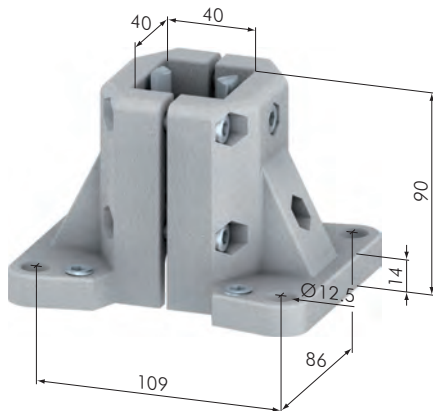
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Application: For adjusting and fixing protection panel support legs to the floor. One fixing set is required per clamping foot.

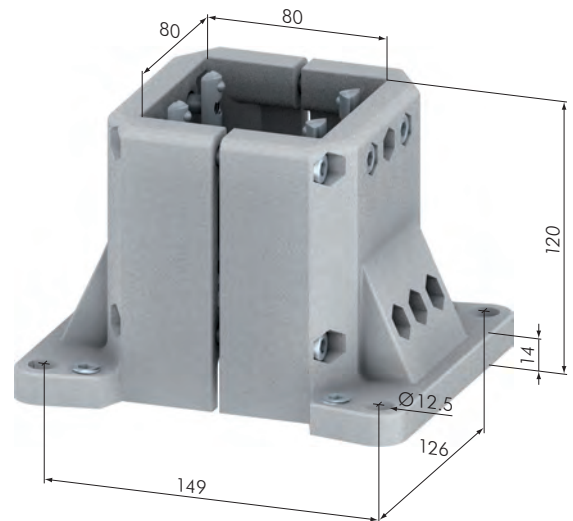
Material: GD Al, natural



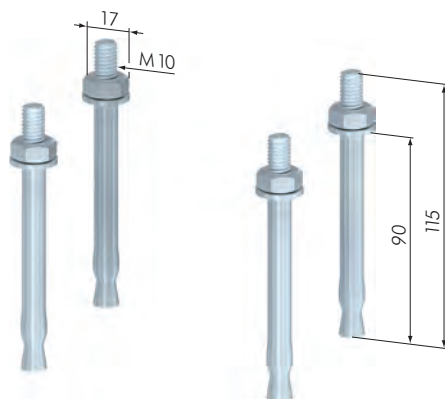
SZ8081N



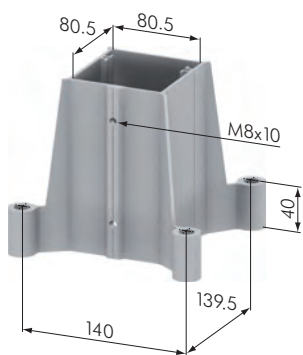
SZ8080N



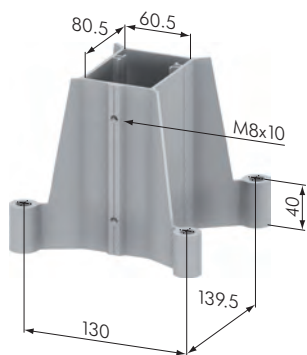
SZ8082N



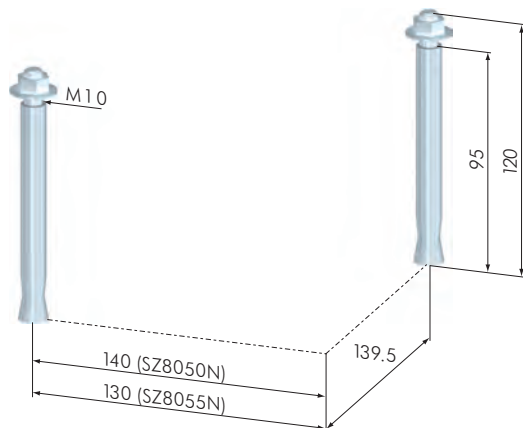
SZ1735V



SZ8050N



SZ8055N



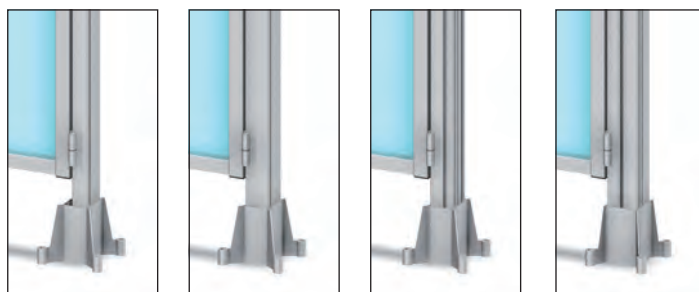
SZ1750V

Mounting Feet		
Part N°	Description	Weight
SZ8050N	Mounting Foot 80 x 80	0,896 kg
SZ8055N	Mounting Foot 60 x 80	0,632 kg
SZ1750V	Fixing Set Mounting Feet 60 x 80 and 80 x 80	0,292 kg

Application: For fixing protection panel support legs to the floor. One fixing set is required per clamping foot.

Material: aluminum, natural anodized

Supply: 2x grub screw M 8 x 10



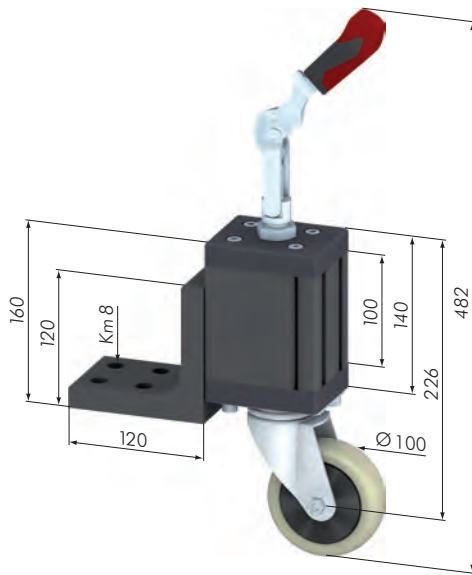
Lifting Castor Units

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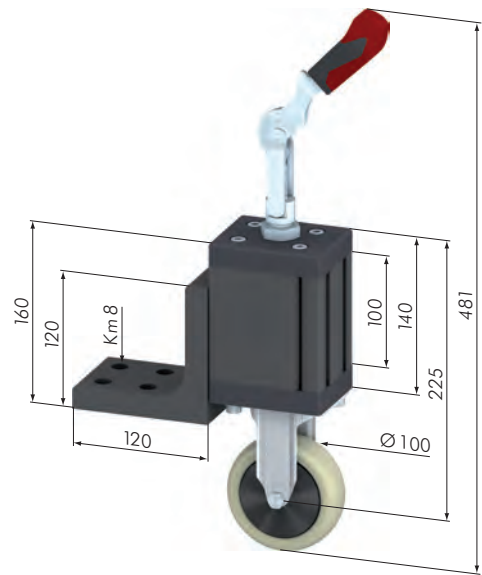
Part No	Description	Weight	Load
SF2600V	LCU, with steering roller Ø 100	4,5 kg	100 kg
SF2601V	LCU, with trestle roller Ø 100	4,5 kg	100 kg
SF2604V	LCU, with steering roller Ø 125	4,5 kg	300 kg
SF2605V	LCU, with trestle roller Ø 125	4,5 kg	300 kg
SF2606V	LCU, with steering roller Ø 100, compact	4,5 kg	100 kg
SF2607V	LCU, with trestle roller Ø 100, compact	4,5 kg	100 kg

Application: For relocating measurement devices and jigs.

Material: aluminum, black anodized



SF2600V



SF2601V

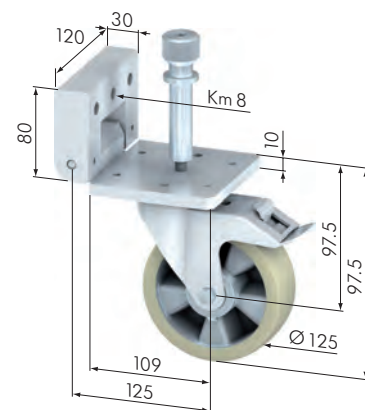
Hinge Castor

40

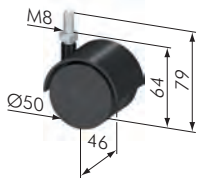
Part No	Description	Weight
SF2602V	Hinge Castor	2,734 kg

Application: For relocating measurement devices and jigs.

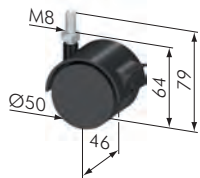
Material: steel, zinc-plated



SF2602V



SF2000S



SF2100S

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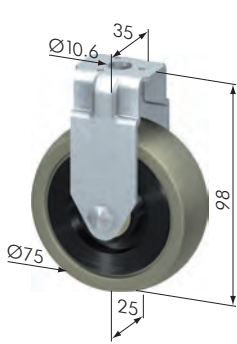
Castors Ø 50

Part No	Description	Weight	Load
SF2000S	Castor Ø 50	74 g	30 kg
SF2100S	Castor Ø 50, braked	83 g	30 kg

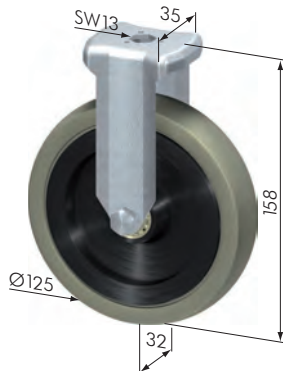
Application: For carts with small load.

temperature resistance: -20° to 60°

Material: PA, black



SF2200V



SF24001V

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Castors, rubber

Part No	Description	Weight	Load
SF2200V	Castor Ø 75, rubber	229 g	60 kg
SF2210V	Castor Ø 125, rubber	1000 g	100 kg

Application: For carts with heavy load.

temperature resistance: -20° to 60°

Material: housing: steel, zinc-plated

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Double Castors Ø 75, rubber

Part No	Description	Weight	Load
SF2400V	Double Castor Ø 75, rubber	581 g	80 kg
SF2401V	Double Castor Ø 75, rubber, braked	666 g	80 kg

Application: For carts and benches with heavy load.

temperature resistance: -20° to 60°

Material: housing: steel, zinc-plated

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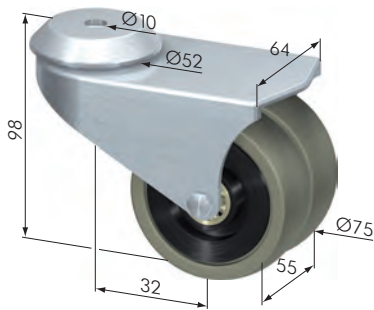
Steering Castors, rubber

Part No	Description	Weight	Load
SF2300V	Steering Castor Ø 75, rubber	330 g	60 kg
SF2302V	Steering Castor Ø 75, rubber, fixable	340 g	60 kg
SF2310V	Steering Castor Ø 125, rubber	1100 g	100 kg
SF2312V	Steering Castor Ø 125, rubber, fixable	1150 g	100 kg

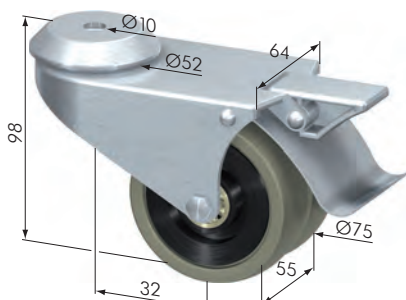
Application: For carts with heavy load.

temperature resistance: -20° to 60°

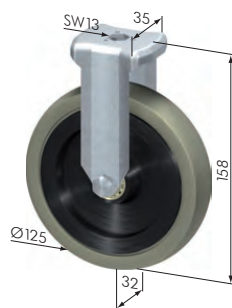
Material: housing: steel, zinc-plated



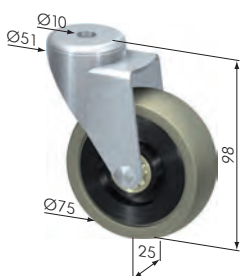
SF2400V



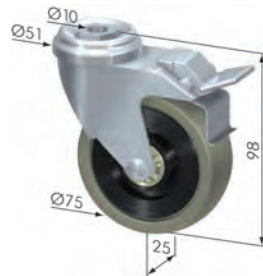
SF2401V



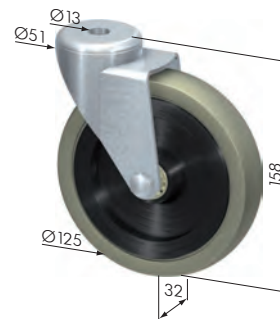
SF2210V



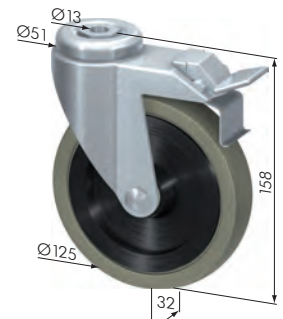
SF2300V



SF2302V



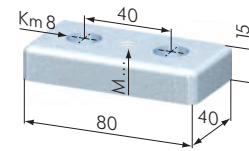
SF2310V



SF2312V

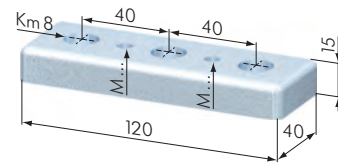
Foot Plates 40 x 80

Part No	Description	Weight
SZ0209V	Foot Plate 40 x 40 M 10, zinc-plated	77 g
SZ0210V	Foot Plate 40 x 80 M 8, zinc-plated	339 g
SZ0212V	Foot Plate 40 x 80 M 10, zinc-plated	335 g
SZ0230V	Foot Plate 40 x 80 M 12, zinc-plated	331 g
SZ0232V	Foot Plate 40 x 80 M 16, zinc-plated	335 g
SZ0233V	Foot Plate 40 x 80 M 20, zinc-plated	308 g



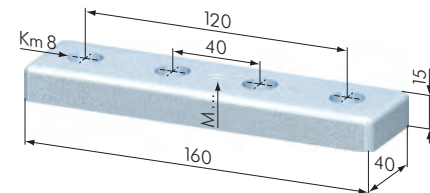
Foot Plates 40 x 120

Part No	Description	Weight
SZ0214V	Foot Plate 40 x 120 M 8, zinc-plated	522 g
SZ0216V	Foot Plate 40 x 120 M 10, zinc-plated	519 g
SZ0234V	Foot Plate 40 x 120 M 12, zinc-plated	515 g
SZ0236V	Foot Plate 40 x 120 M 16, zinc-plated	505 g
SZ0237V	Foot Plate 40 x 120 M 20, zinc-plated	490 g



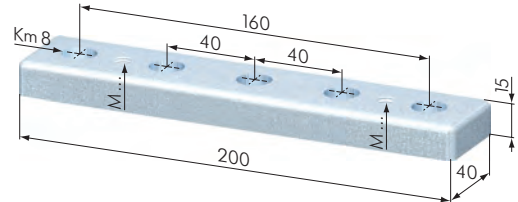
Foot Plates 40 x 160

Part No	Description	Weight
SZ0260V	Foot Plate 40 x 160 M 8, zinc-plated	723 g
SZ0261V	Foot Plate 40 x 160 M 10, zinc-plated	720 g
SZ0262V	Foot Plate 40 x 160 M 12, zinc-plated	716 g
SZ0263V	Foot Plate 40 x 160 M 16, zinc-plated	705 g
SZ0264V	Foot Plate 40 x 160 M 20, zinc-plated	692 g



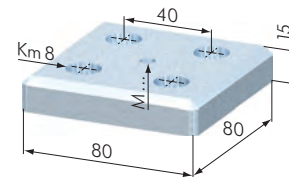
Foot Plates 40 x 200

Part No	Description	Weight
SZ0265V	Foot Plate 40 x 200 M 8, zinc-plated	905 g
SZ0266V	Foot Plate 40 x 200 M 10, zinc-plated	902 g
SZ0267V	Foot Plate 40 x 200 M 12, zinc-plated	898 g
SZ0268V	Foot Plate 40 x 200 M 16, zinc-plated	887 g
SZ0269V	Foot Plate 40 x 200 M 20, zinc-plated	874 g



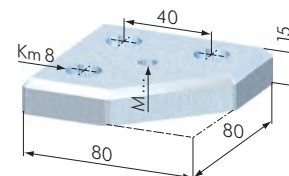
Foot Plates 80 x 80

Part No	Description	Weight
SZ0240V	Foot Plate 80 x 80 M 8, zinc-plated	694 g
SZ0242V	Foot Plate 80 x 80 M 10, zinc-plated	694 g
SZ0220V	Foot Plate 80 x 80 M 12, zinc-plated	694 g
SZ0222V	Foot Plate 80 x 80 M 16, zinc-plated	678 g
SZ0223V	Foot Plate 80 x 80 M 20, zinc-plated	652 g



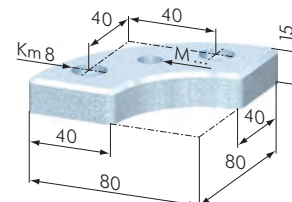
Foot Plates 80 x 80 Edge 7N

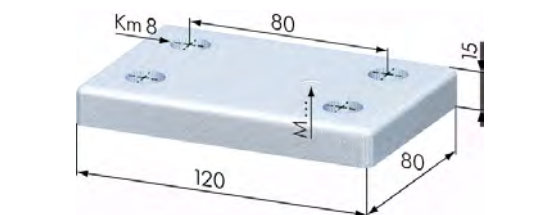
Part No	Description	Weight
SZ0255V	Foot Plate 80 x 80 Edge 7N M 8, zinc-plated	654 g
SZ0256V	Foot Plate 80 x 80 Edge 7N M 10, zinc-plated	654 g
SZ0257V	Foot Plate 80 x 80 Edge 7N M 12, zinc-plated	654 g
SZ0258V	Foot Plate 80 x 80 Edge 7N M 16, zinc-plated	638 g
SZ0259V	Foot Plate 80 x 80 Edge 7N M 20, zinc-plated	612 g



Foot Plates R 40 x 80 90°

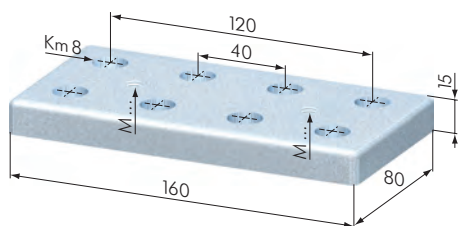
Part No	Description	Weight
SZ0211V	Foot Plate R 40 x 80 90° M 8, zinc-plated	2,924 kg
SZ0213V	Foot Plate R 40 x 80 90° M 10, zinc-plated	3,850 kg





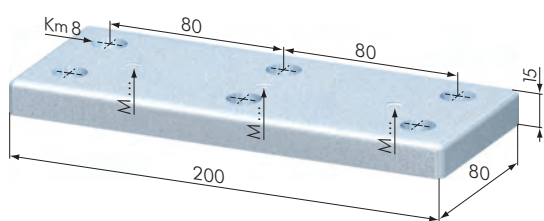
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Foot Plates 80 x 120		
Part No	Description	Weight
SZ0270V	Foot Plate 80 x 120 M 8, zinc-plated	1.08 kg
SZ0271V	Foot Plate 80 x 120 M 10, zinc-plated	1.08 kg
SZ0272V	Foot Plate 80 x 120 M 12, zinc-plated	1.07 kg
SZ0273V	Foot Plate 80 x 120 M 16, zinc-plated	1.05 kg
SZ0274V	Foot Plate 80 x 120 M 20, zinc-plated	1.02 kg



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Foot Plates 80 x 160		
Part No	Description	Weight
SZ0250V	Foot Plate 80 x 160 M 8, zinc-plated	1.39 kg
SZ0252V	Foot Plate 80 x 160 M 10, zinc-plated	1.38 kg
SZ0224V	Foot Plate 80 x 160 M 12, zinc-plated	1.37 kg
SZ0226V	Foot Plate 80 x 160 M 16, zinc-plated	1.35 kg
SZ0227V	Foot Plate 80 x 160 M 20, zinc-plated	1.32 kg

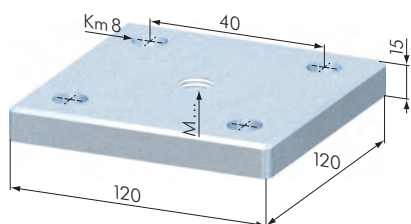


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Foot Plates 80 x 200		
Part No	Description	Weight
SZ0275V	Foot Plate 80 x 200 M 8, zinc-plated	1.81 kg
SZ0276V	Foot Plate 80 x 200 M 10, zinc-plated	1.80 kg
SZ0277V	Foot Plate 80 x 200 M 12, zinc-plated	1.80 kg
SZ0278V	Foot Plate 80 x 200 M 16, zinc-plated	1.77 kg
SZ0279V	Foot Plate 80 x 200 M 20, zinc-plated	1.75 kg

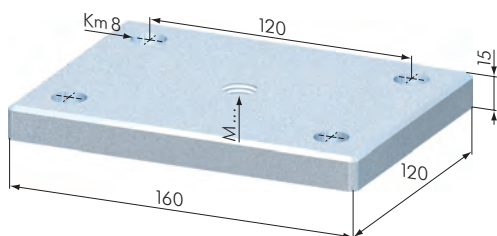
Application: Frontal screwing into profiles offers support of ring bolts, castors and adjustable feet.

Material: steel, zinc-plated



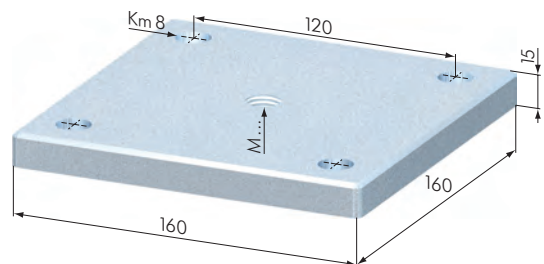
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Foot Plates 120 x 120		
Part No	Description	Weight
SZ0282V	Foot Plate 120 x 120 M 16, zinc-plated	1.59 kg
SZ0283V	Foot Plate 120 x 120 M 20, zinc-plated	1.57 kg



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Foot Plates 120 x 160		
Part No	Description	Weight
SZ0287V	Foot Plate 120 x 160 M 16, zinc-plated	2.17 kg
SZ0288V	Foot Plate 120 x 160 M 20, zinc-plated	2.13 kg



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Foot Plates 160 x 160		
Part No	Description	Weight
SZ0280V	Foot Plate 160 x 160 M 16, zinc-plated	2.928 kg
SZ0281V	Foot Plate 160 x 160 M 20, zinc-plated	2.914 kg

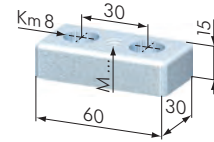
Application: Frontal screwing into profiles offers support of ring bolts, castors and adjustable feet.

Material: steel, zinc-plated

Foot Plates 30 x 60 midi

Part No	Description	Weight
SZ0285V	Foot Plate 30 x 60 midi M 8, zinc-plated	104 g
SZ0286V	Foot Plate 30 x 60 midi M 10, zinc-plated	102 g

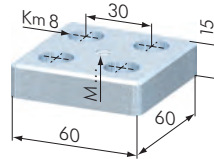
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Foot Plates 60 x 60 midi

Part No	Description	Weight
SZ0295V	Foot Plate 60 x 60 midi M 8, zinc-plated	348 g
SZ0296V	Foot Plate 60 x 60 midi M 10, zinc-plated	344 g
SZ0297V	Foot Plate 60 x 60 midi M 12, zinc-plated	342 g
SZ0298V	Foot Plate 60 x 60 midi M 16, zinc-plated	328 g

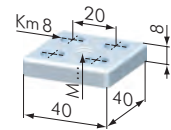
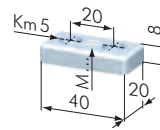
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Foot Plates 20 x 40 mini

Part No	Description	Weight
SZ0200V	Foot Plate 20 x 40 mini M 8, zinc-plated	39 g
SZ0202V	Foot Plate 20 x 40 mini M 10, zinc-plated	37 g
SZ0204V	Foot Plate 40 x 40 mini M 8, zinc-plated	79 g
SZ0206V	Foot Plate 40 x 40 mini M 10, zinc-plated	77 g

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Application: Frontal screwing into profiles offers support of ring bolts, castors and adjustable feet.

Material: steel, zinc-plated

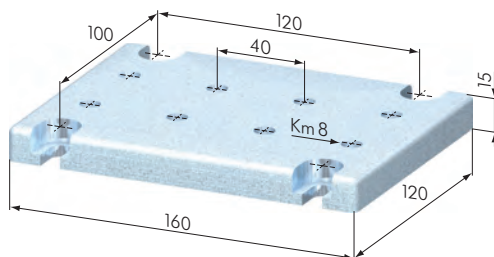
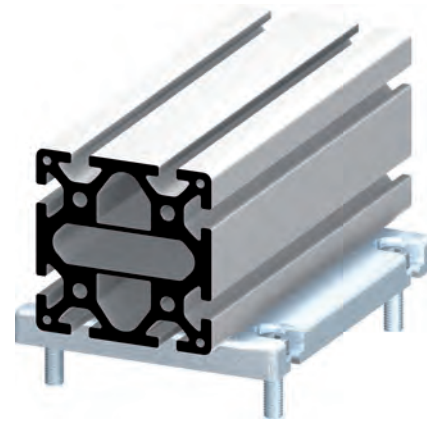
System Plates

Part No	Description	Weight
SZ0160V	System Plate 120 x 160 Ø9, zinc-plated	2 kg
SZ0166V	System Plate 160 x 240 Ø9, zinc-plated	4 kg

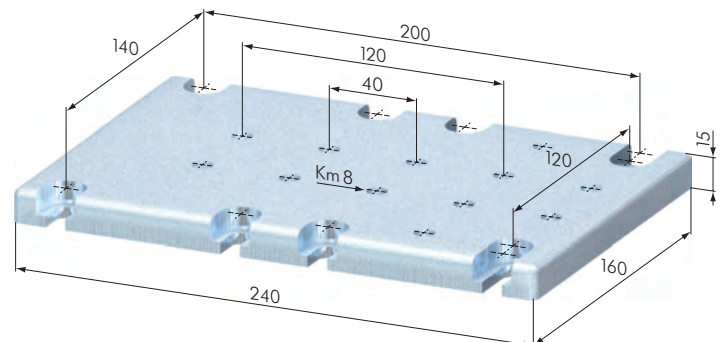
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Application: For fixing profile structures onto countertops.

Material: steel, zinc-plated



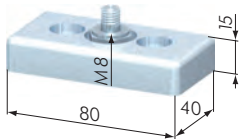
SZ0160V



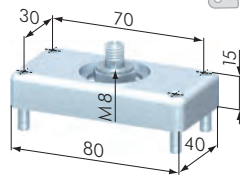
SZ0166V

E Accessories
26 Bearing Plates, Adjusting Elements

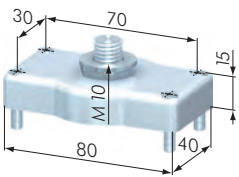
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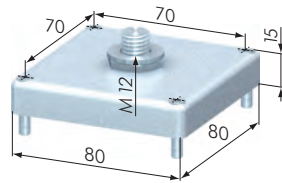
SZ3500V



SZ3510V



SZ3520V

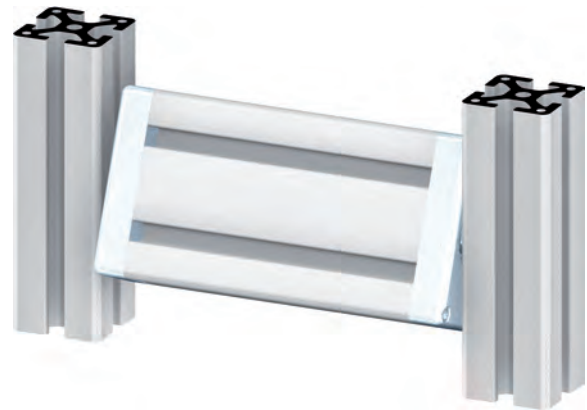


SZ3530V

Bearing Plates		
Part No	Description	Weight
SZ3500V	Bearing Plate 40 x 80 Ø 8	318 g
SZ3510V	Bearing Plate 40 x 80 Ø 10	310 g
SZ3520V	Bearing Plate 40 x 80 Ø 20	163 g
SZ3530V	Bearing Plate 80 x 80 Ø 20	315 g

Application: Suitable for holding shafts and axles.

Material: steel, zinc-plated

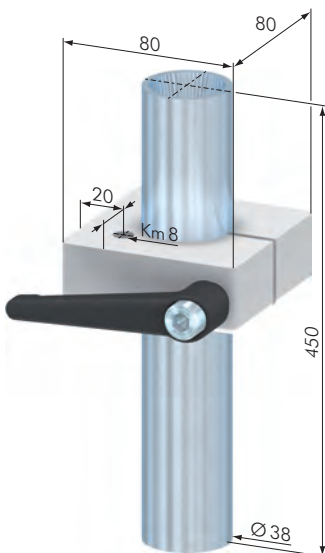


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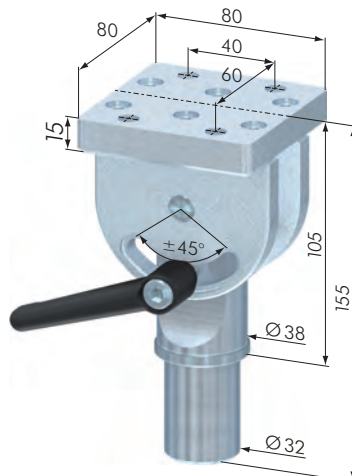
Adjusting Elements		
Part No	Description	Weight
ST3510V	Angle Adjuster	2.2 kg
ST4010V	Vertical Adjuster	1.75 kg

Application: Suitable for variable angle adjustments as well as for vertical adjustments.

Material: steel, zinc-plated



ST4010V



ST3510V

Floor Fixing Plate

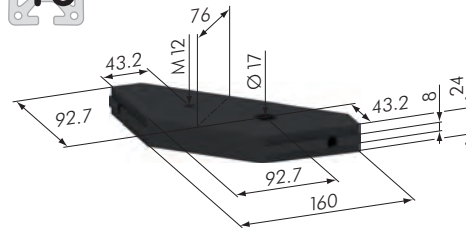
Part No	Description	Weight
SZ0300S	Floor Fixing Plate	760 g
SZ1730V	Fixing Set For Floor Fixing Plate	48 g

Application: For fixing racks and frameworks to the floor or to strengthen right-angled connections as additional support.

Material: aluminum, black anodized

Supply: SZ1730V: 2x cap head screw M8 x 30, DIN 912
2x t-nut M8 / ball-type, push-in

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SZ0300S



SZ1730V

Floor Plates

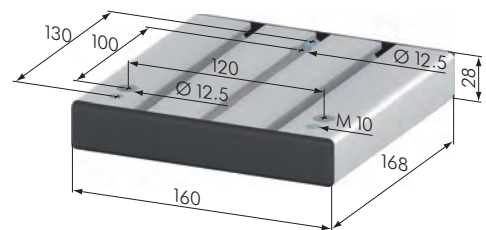
Part No	Description	Weight
SZ0350V	Floor Plate 28 x 160 x 160	1.34 kg
SZ0352V	Floor Plate 28 x 160 x 280	2.25 kg

Application: For attaching profiles to the floor. Designed to support various sizes of profiles simply by turning the floor plate to match the hole or t-slot pattern.

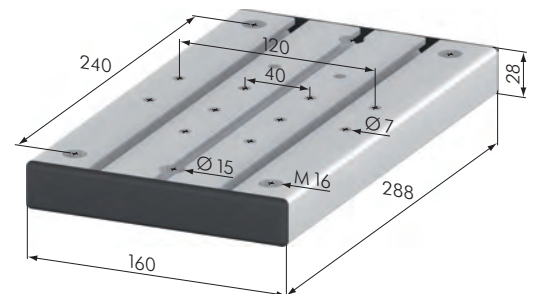
Material: aluminum, natural anodized

Supply: Completely pre-machined, with two profile caps 28 x 160.

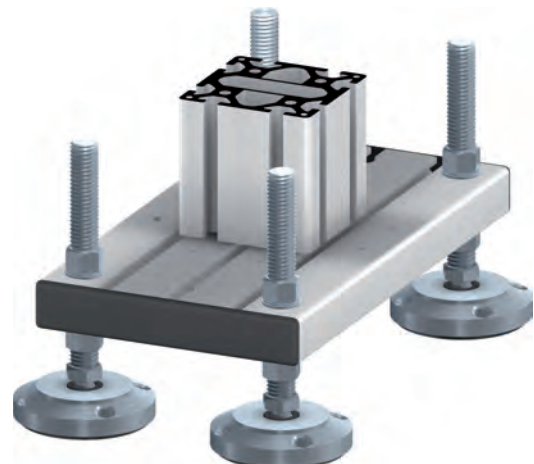
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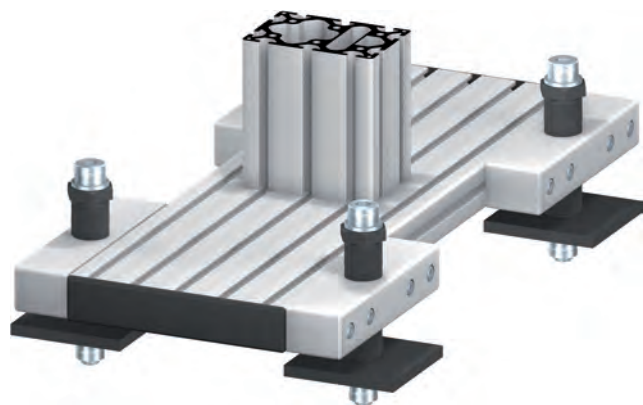
SZ0350V



SZ0352V



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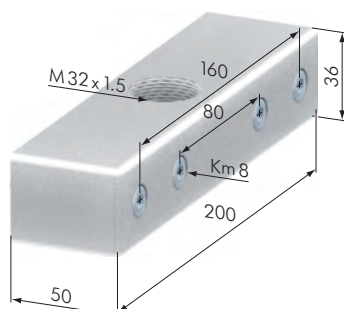
Foot Block, Jacking Screws		
Part No	Description	Weight
SZ0300V	Foot Block M 32 x 1.5	956 g
SZ0310S	Pressure Plate 100 x 100 x 10	742 g
SS3060S	Jacking Screw M 32 x 1.5 60 SW 36	226 g
SS3100S	Jacking Screw M 32 x 1.5 100 SW 36	363 g
SZ1732V	Fixing Set For Portal Plates	158 g

Application: Heavy duty fastening of machine frameworks.

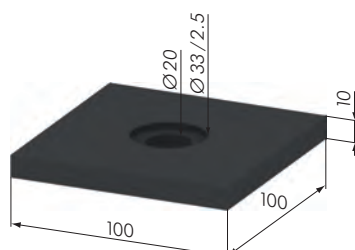
Material: foot block: aluminum, natural anodized
jacking screw: steel, black
pressure plate: steel, black

Acc.: SZ1732V: 2x floor anchor M 12 x 115

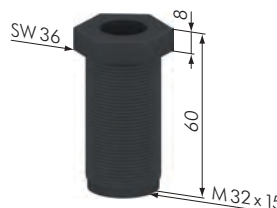
Two fixing sets SZ1732V are required for portal plates with four jacking screws.



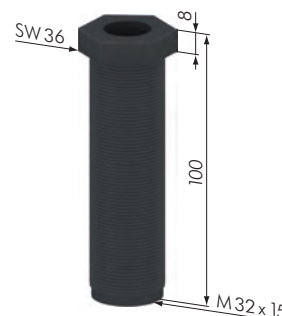
SZ0300V



SZ0310S

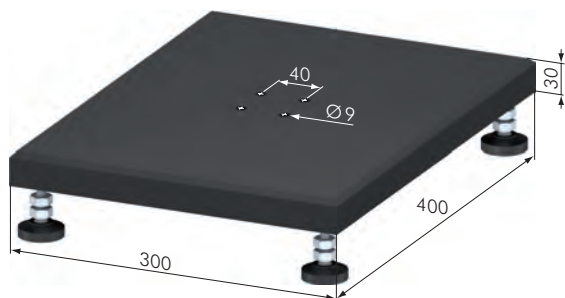


SS3060S



SS3100S

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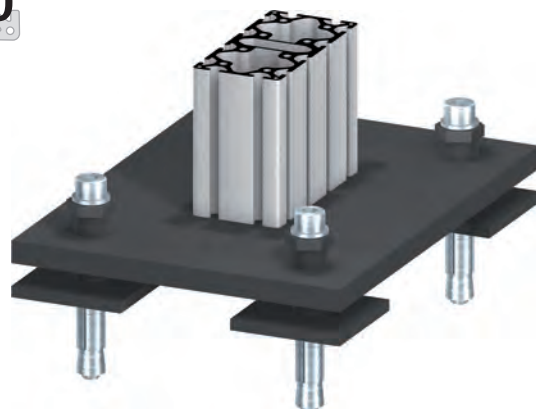
ST4500S

Floor Plate		
Part No	Description	Weight
ST4500S	Foot Plate, with four adjustable feet	10 kg

Application: A stable platform for conveyors and machine assemblies.
The foot plate comes with four adjustable feet Ø 39 M 8 (SF0202S).

Material: aluminum, black anodized

Portal Plates		
Part No	Description	Weight
SZ0321S	Portal Plate 100 x 300 / 80 x 80	9.6 kg
SZ0322S	Portal Plate 300 x 300 / 80 x 80	13.6 kg
SZ0337S	Portal Plate 350 x 350 / 120 x 120	17.6 kg
SZ0325S	Portal Plate 350 x 300 / 80 x 120	15.9 kg
SZ0327S	Portal Plate 400 x 300 / 80 x 160	18.3 kg
SZ0329S	Portal Plate 450 x 300 / 80 x 200	20.6 kg
SZ1732V	Fixing Plate For Portal Plates	158 g

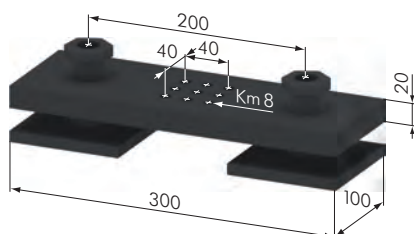


Application: Portal plates are used to fix large machine frames or portal robots to the floor.

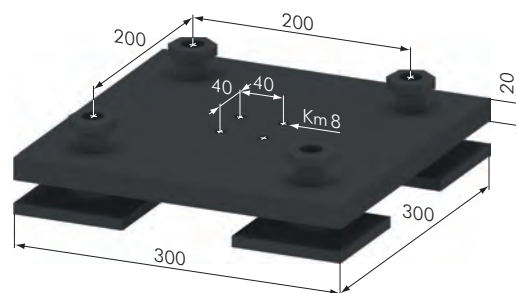
Material: steel, zinc-plated black

Supply: 2x / 4x jacking screw M 32 x 1.5 x 60
1x pressure plate 100 x 100 x 10 per jacking screw

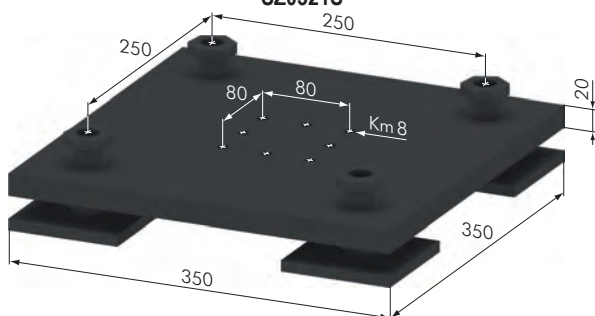
Acc.: SZ1732V: 2x heavy duty dowel M 12 x 115
Two fixing sets SZ1732V are required for portal plates with four jacking screws. Longer floor anchors with a length of 100 mm (SS3100S) are also available.



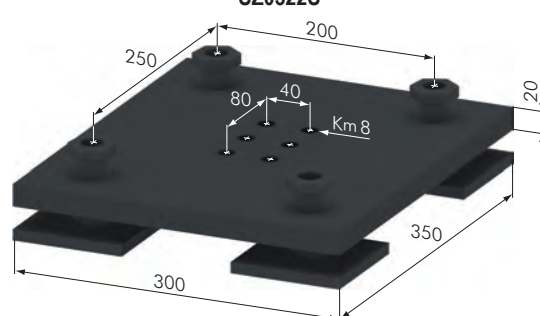
SZ0321S



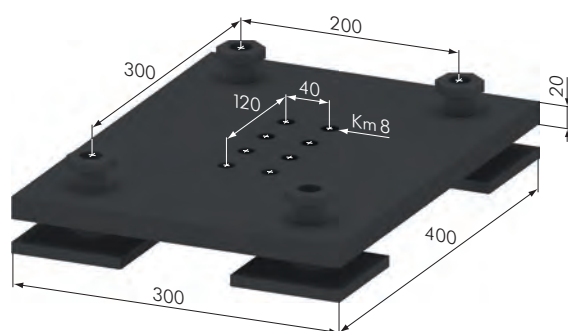
SZ0322S



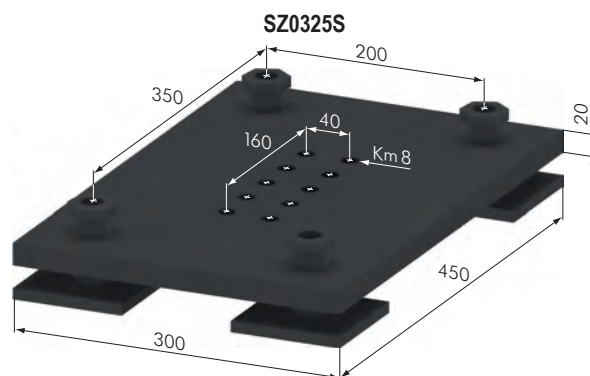
SZ0337S



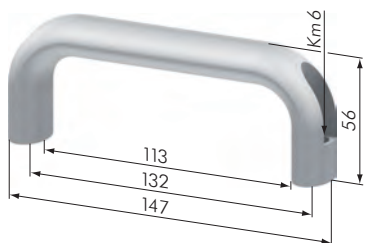
SZ0325S



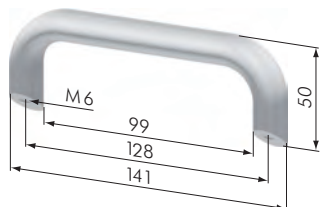
SZ0327S



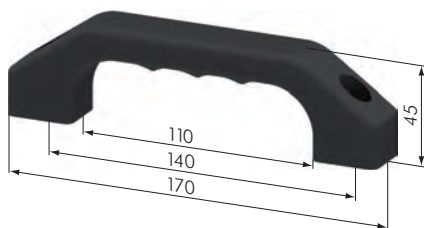
SZ0329S



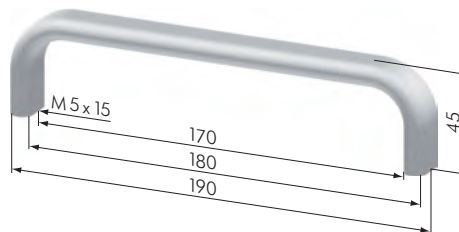
SZ0840N



SZ0850N



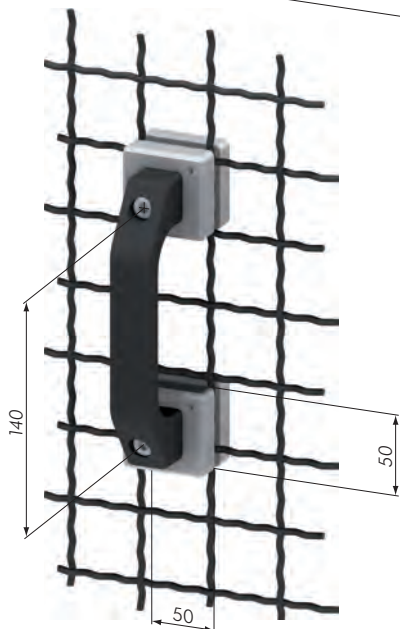
SZ0820S



SZ0810N



SZ0830N



SZ8015N

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Handles		
Part No	Description	Weight
SZ0840N	Handle Al / L 147, natural	166 g
SZ0840S	Handle Al / L 147, black	166 g
SZ0850N	Handle Al 55°, natural	115 g
SZ0850S	Handle Al 55°, black	115 g
SZ0860S	Handle Al 145 mm, black	
SZ0830N	Handle Al / L 700	1,100 g
SZ0820S	Handle PA	122 g
SZ0810N	Handle light	100 g

Application: Multi-purpose, e.g. for doors and drawers.

Material: (see description)
 Handle Al: aluminum, natural or black anodized
 Handle light: aluminum, natural anodized
 Handle PA: ABS

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Protection Wall Handle		
Part No	Description	Weight
SZ8015N	Protection Wall Handle	532 g

Application: Handle for fixing to wire mesh panels.

Material: Handle: PA, black
 fixing plates: aluminum, natural anodized

Supply: 1x SZ0820S handle PA
 2x fixing plate I, handle
 2x fixing plate II, handle
 2x cap head screw M 8 x 30
 4x cap head screw M 5 x 30

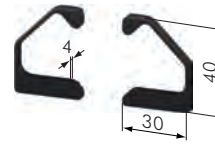
Handle Strip Profile 30 x 40

Part No	Description	Length	Weight
SP0591N	Handle Strip Profile 30 x 40	cut	0,81 kg / m
SP0590N3000	Handle Strip Profile 30 x 40	3 m	2,43 kg
SP0590N6000	Handle Strip Profile 30 x 40	6 m	4,86 kg
SZ0059S	Profile Cap Set		2,6 g

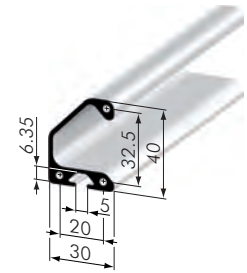
Application: Multi-purpose, e.g. for doors and drawers. Has a stabilizing effect when installed on sheet material and protects the fingers.

Material: Handle Strip Profile: aluminum, natural anodized
Profile Cap Set: PA 6, black

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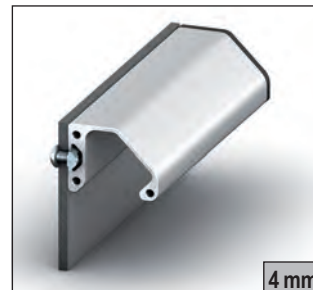


SZ0059S

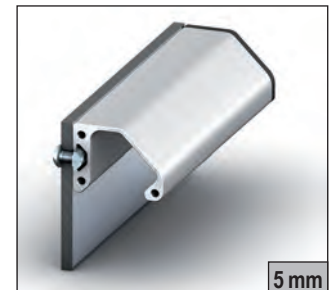


SP0590N

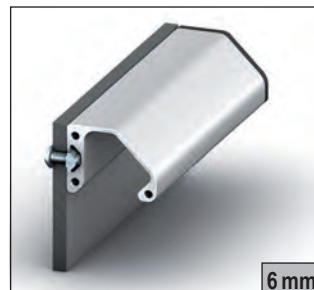
Acc.: SV2193V t-nut M 5 mini, alternatively
SV2195V t-nut M 5 VA mini
SS0308V button head screw M 5 x 8 (4 mm sheet)
SS0310V button head screw M 5 x 10 (5 mm sheet)
SS0312V button head screw M 5 x 12 (6 mm sheet)
SS0312V button head screw M 5 x 12 (8 mm sheet)
SS0316V button head screw M 5 x 16 (10 mm sheet)



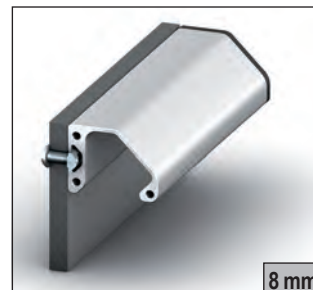
4 mm



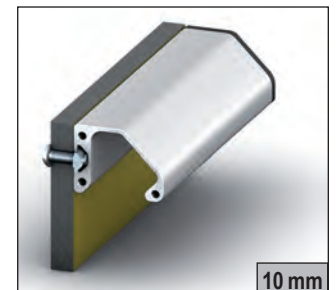
5 mm



6 mm



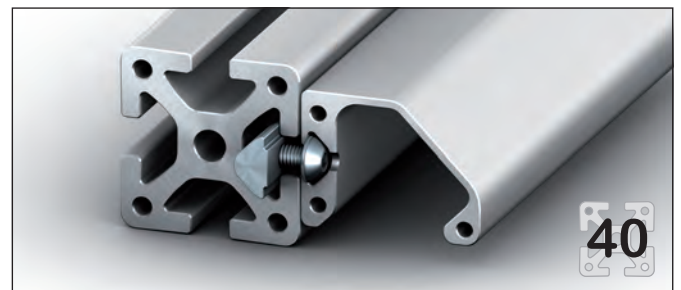
8 mm



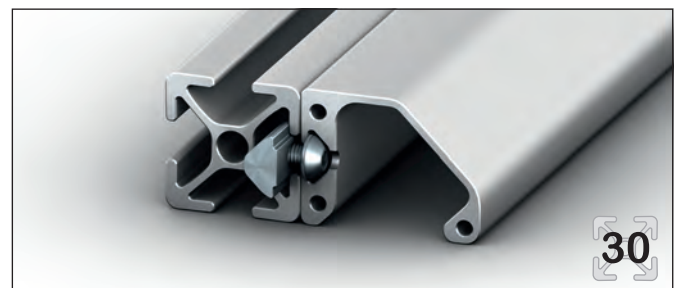
10 mm

Acc.: SV2100V t-nut M 5 / ball-type, push-in, alternatively
SV2104V t-nut M 5 VA / ball-type, push-in
SS0312V t-nut M 5 x 12 (t-slot series 40)
SS0310V t-nut M 5 x 10 (t-slot series 30)
SZ8205V washer Ø 8

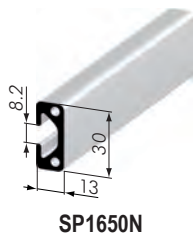
The fastening elements listed here as well as the end cap set are sold separately and are not part of the delivery of the handle strip profile.



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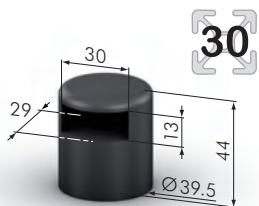
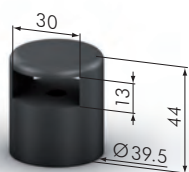


Profile 13 x 30

Part №	Description	Length	Weight
SP1651N	Profile 13 x 30, natural	cut	0,81 kg / m
SP1650N3000	Profile 13 x 30, natural	3 m	2,43 kg
SP1650N6000	Profile 13 x 30, natural	6 m	4,86 kg

Application: Universally applicable, e.g. for doors and drawers suitable as a handle strip.

Material: aluminum, natural anodized

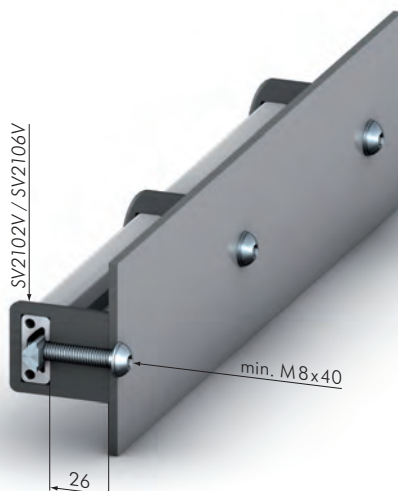
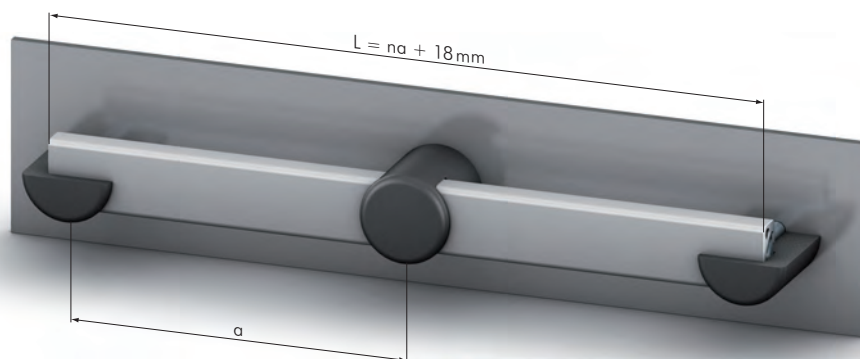


Socket Elements for Profile 13 x 30

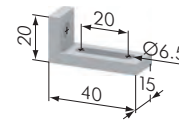
Part №	Description	Weight
SZ5600S	Handle socket middle	54 g
SZ5610S	Handle socket end	59 g

Application: Suitable for preparing a handle strip for doors and drawers.

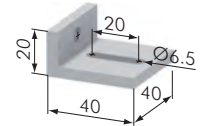
Material: POM, black



Fixing Angles 40 x 20		
Part No	Description	Weight
SZ0910N	Fixing Angle 40 x 20 x 15	9 g
SZ0912N	Fixing Angle 40 x 20 x 20	13 g
SZ0914N	Fixing Angle 40 x 20 x 30	20 g
SZ0916N	Fixing Angle 40 x 20 x 40	27 g

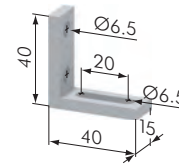


SZ0910N

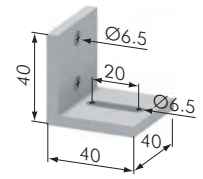


SZ0916N

Fixing Angles 40 x 40		
Part No	Description	Weight
SZ0920N	Fixing Angle 40 x 40 x 15	12 g
SZ0922N	Fixing Angle 40 x 40 x 20	17 g
SZ0924N	Fixing Angle 40 x 40 x 30	27 g
SZ0926N	Fixing Angle 40 x 40 x 40	37 g



SZ0920N



SZ0926N

Application: For right-angled fixing of profiles.

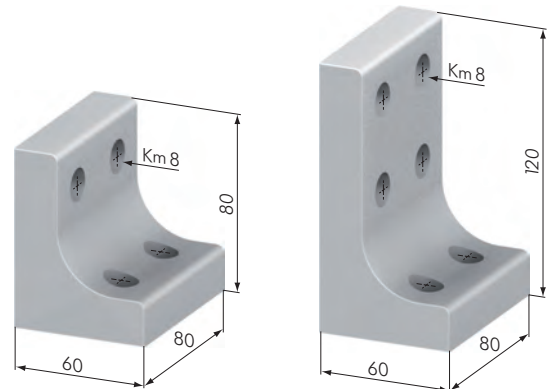
Material: aluminum, natural anodized

Fixing Angles		
Part No	Description	Weight
SZ0980N	Fixing Angle 60 x 80	523 g
SZ0990N	Fixing Angle 60 x 120	683 g
SZ0985N	Fixing Angle 80 x 80	610 g
SZ0995N	Fixing Angle 80 x 120	742 g
SZ0997N	Fixing Angle 120 x 120	930 g



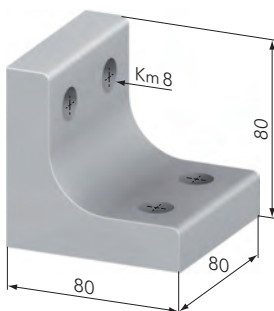
Application: For right-angled fixing and stabilizing of profiles.

Material: aluminum, natural anodized



SZ0980N

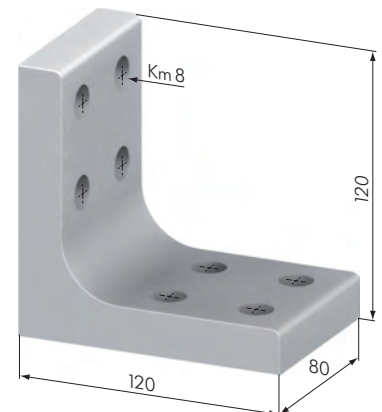
SZ0990N



SZ0985N



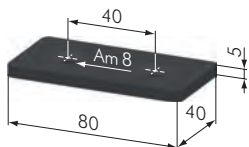
SZ0995N



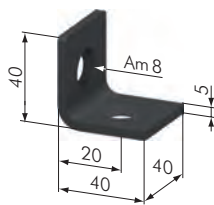
SZ0997N

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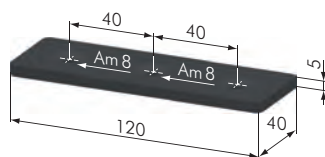
Angle / Strap, steel		
Part N°	Description	Weight
SZ0960S	Strap 40 x 80, steel	90 g
SZ0950S	Angle 40 x 40, steel	102 g
SZ0962S	Strap 80 x 80, steel	233 g
SZ0951S	Angle 40 x 40 x 80, steel	205 g
SZ0961S	Strap 40 x 120, steel	



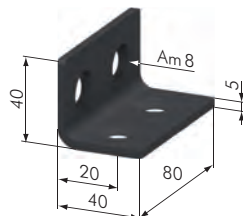
SZ0960S



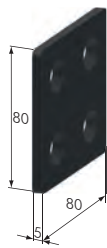
SZ0950S



SZ0961S



SZ0951S



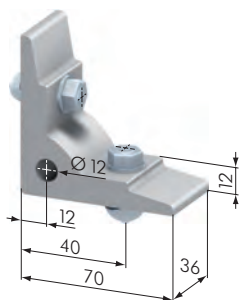
SZ0962S

Application: Universally applicable attachment elements for interconnecting profiles.

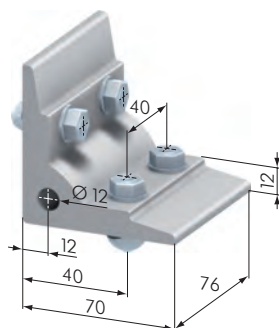
Material: steel, black

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Fixing Angles 70 x 70		
Part N°	Description	Weight
SZ0940N	Fixing Angle 70 x 70 x 36	166 g
SZ0941N	Fixing Angle 70 x 70 x 76	344 g



SZ0940N

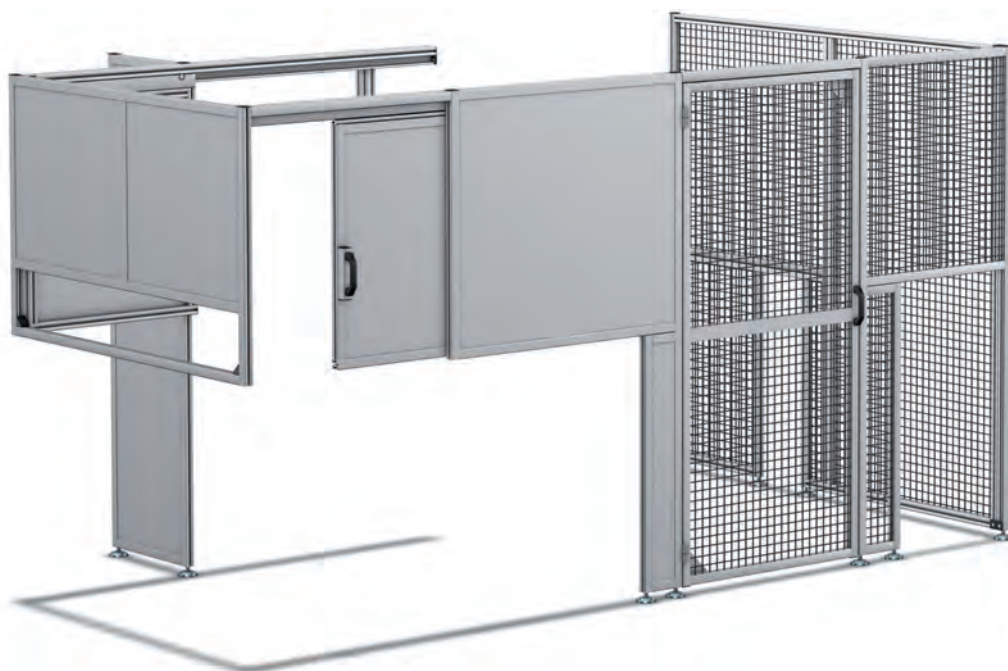


SZ0941N

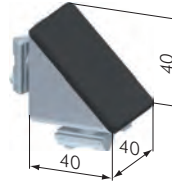
Application: For right-angled fixing of profiles without the need of machining the profiles. Comes with required fixing set.

Material: aluminum, natural anodized

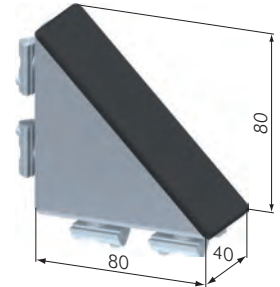
Supply: SZ0941N: 4x anchor screw (M 8 x 32)
SZ0940N: 2x anchor screw (M 8 x 32)
2x anti-twist set screw



Corner Brackets Zn 40		
Part No	Description	Weight
SZ0971N	Corner Bracket Zn 40 x 40 powder coated	99 g
SZ0970N	Corner Bracket Zn 40 x 40, complete	135 g
SZ0973N	Corner Bracket Zn 40 x 80 powder coated	309 g
SZ0972N	Corner Bracket Zn 40 x 80, complete	388 g

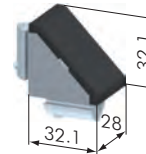


SZ0970N



SZ0972N

Corner Brackets Zn 30		
Part No	Description	Weight
SZ0967N	Corner Bracket Zn 30 x 30	40 g
SZ0966N	Corner Bracket Zn 30 x 30, complete	72 g



SZ0966N



SZ0964N

Corner Brackets Zn 20		
Part No	Description	Weight
SZ0965N	Corner Bracket Zn 20 x 20	14 g
SZ0964N	Corner Bracket Zn 20 x 20, complete	24 g

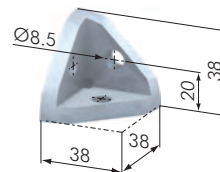


Application: For right-angled fixing of profiles without the need of machining the profiles.

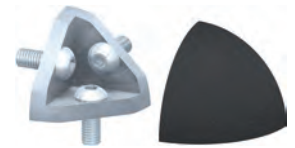
Material: GDZn (zinc diecasting), natural

Supply: Corner brackets are available separately or in a set containing a fastening set and a corner bracket cap.

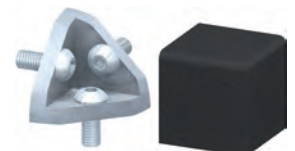
Corner Fasteners		
Part No	Description	Weight
SZ0931S	Corner Fastener 40 x 40 45°	89 g
SZ0930S	Corner Fastener Set 40 x 40 45°	127 g
SZ0932S	Corner Fastener Set 40 x 40, round	127 g
SZ0933S	Corner Fastener Set 40 x 40, edge	135 g



SZ0931S



SZ0932S

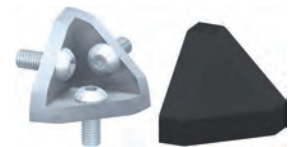


SZ0933S

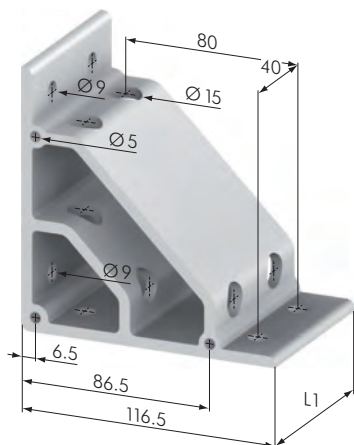
Application: For right-angled fixing of profiles.

Material: GDZn (zinc diecasting), natural
PA 6, black

Supply: Corner fastener sets contain the corner fastener 40 x 40 45°, three button head screws M 8 x 20, ISO 7380, and the appropriate cap.



SZ0930S



SZ6501N

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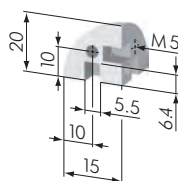
Angles 120 x 120

Part No	Description	L ₁	n	Weight
SZ6500N	Angle 120 x 120 x 40		4	210 g
SZ6501N	Angle 120 x 120 x 80		8	424 g
SZ6502N	Angle 120 x 120 x 120		12	636 g
SZ6503N	Angle 120 x 120 x 160		16	850 g
SZ6504N	Angle 120 x 120 x 200		20	1053 g

Application: For right-angled fixing of profiles.

n = number of fixing holes

Material: aluminum, natural anodized



SZ5060N

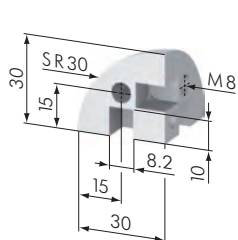
40
30
20

Round Corners

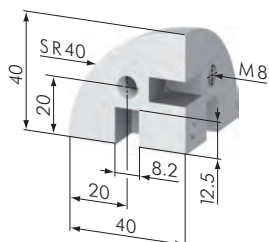
Part No	Description	Weight
SZ5045N	Round Corner 80	584 g
SZ5050N	Round Corner 40	74 g
SZ5055N	Round Corner 30	26 g
SZ5060N	Round Corner 20	8 g

Application: For right-angled fixing of round profiles.

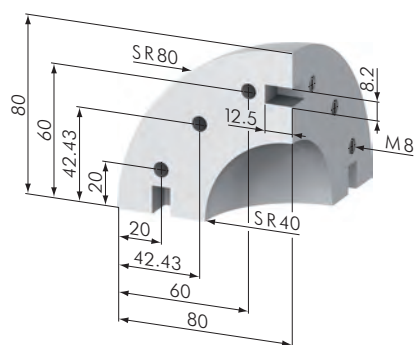
Material: aluminum, natural anodized



SZ5055N



SZ5050N



SZ5045N



Clamp Angles

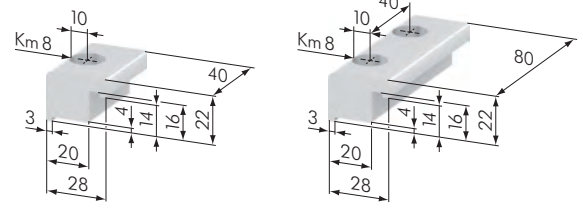
Part No	Description	L ₁	n	Weight
SZ6550N	Clamp Angle 28 x 22 x 40		1	41 g
SZ6551N	Clamp Angle 28 x 22 x 80		2	83 g
SZ6552N	Clamp Angle 28 x 22 x 120		3	125 g
SZ6553N	Clamp Angle 28 x 22 x 160		4	167 g
SZ6554N	Clamp Angle 28 x 22 x 200		5	



Application: For right-angled fixing of profiles.

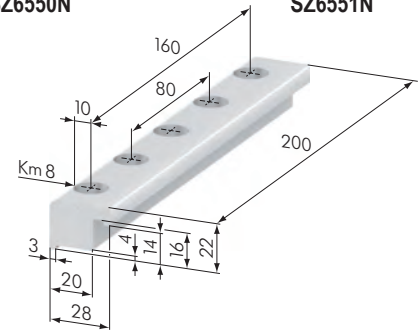
n = number of fixing holes

Material: aluminum, natural anodized



SZ6550N

SZ6551N



SZ6554N

Gusset Plates Al

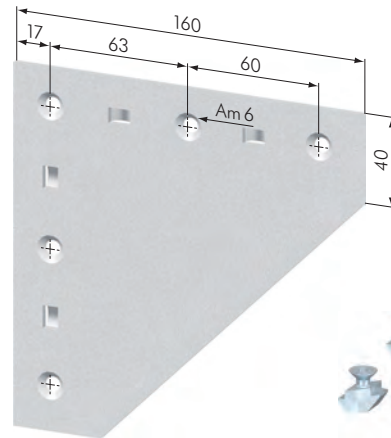
Part No	Description	Weight
SZ8043N	Gusset Plate Al, 160 x 160	138 g
SZ0780V	Fixing Set For Gusset Plate Al, 160 x 160	62 g
SZ8048N	Gusset Plate Al, 160 x 160, complete	204 g
SZ8070N	Gusset Plate Al, t-version	152 g
SZ0784V	Fixing Set For Gusset Plate Al, t-version	30 g
SZ8075N	Gusset Plate Al, t-version, complete	184 g
SZ8060N	Gusset Plate Al, angle	110 g
SZ0782V	Fixing Set For Gusset Plate Al, angle	22 g
SZ8065N	Gusset Plate Al, angle, complete	132 g



Application: Gusset plates are suitable for strengthening t- and corner connections of profiles within machine frames and jigs.

Material: aluminum, natural anodized

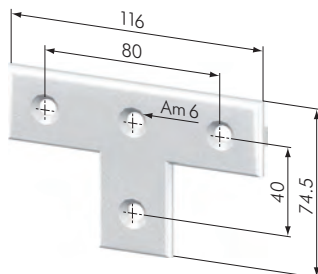
Supply: Gusset plates and appropriate fixing sets are available separately as well as in complete sets.



SZ8043N



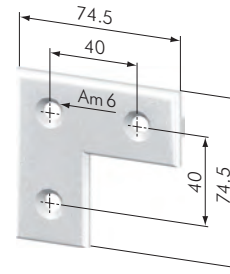
SZ0780V



SZ8070N



SZ0784V



SZ8060N

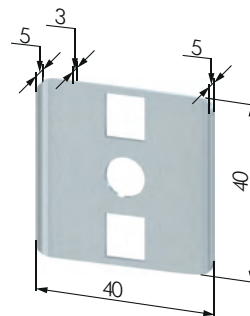


SZ0782V

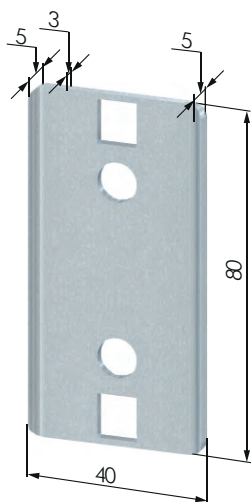
40

Radius seals	
Part N°	Description
SZ0170N	Radius seals 40 x 40 Al natural
SZ0171N	Radius seals 40 x 40 1R Al natural
SZ0172N	Radius seals 40 x 80 Al natural
SZ0173N	Radius seals 40 x 80 1R Al natural
SZ0174N	Radius seals 40 x 80 2R/40 natural

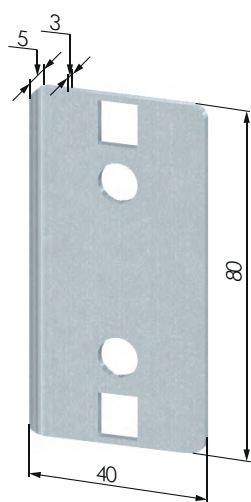
Material: Aluminium, natural anodized



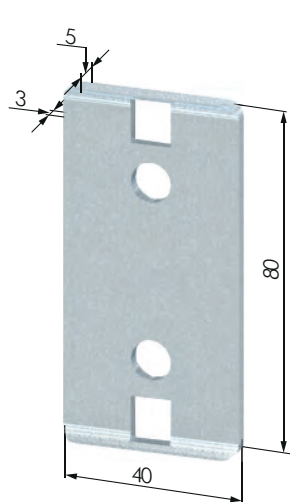
SZ0170N



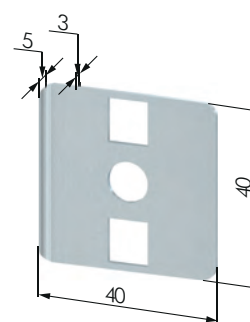
SZ0172N



SZ0173N



SZ0174N



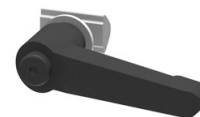
SZ0171N

Telescope Connection Set	
Part N°	Description
SZ1350N	Telescope Connection Set
SZ1360N	Telescope Locking Set

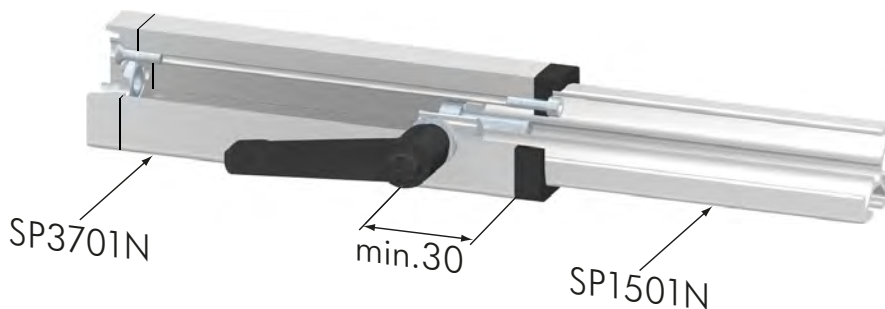
Material: Aluminium, natural anodized
 POM



SZ1350N



SZ1360N



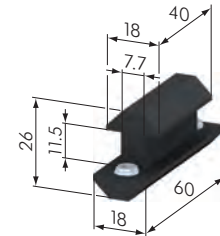
System Glider

Part No	Description	Weight
SZ1300S	System Glider 40 / 60	22 g

Application: Linear guidance of one profile against another. Used for sliding doors or windows. The system glider is locked into the profile t-slot via M 4 grub screws. The distance between the profiles amounts to 2.1 mm.

Material: POM, black

Supply: 2x grub screw M 8 x 8, zinc-plated



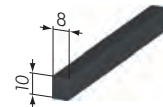
SZ1300S

Slide Rail

Part No	Description	Weight
SZ1310S	Slide Rail for sliding door profile	

Application: The slide rail is situated in the sliding door profile SP0401N to give a smooth running surface for doors and sliding elements.

Material: HPLV, black



SZ1310S

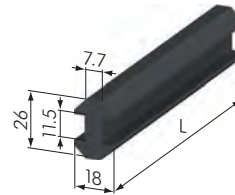
System Glider 40

Part No	Description	Weight
SZ1330S	System Glider 40	
SZ1333S	System Glider 40, fixable	
SZ1335S	System Glider 40, offset	
SZ1338S	System Glider 40, offset, fixable	

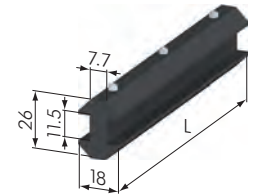
Application: Linear guidance of one profile against another. Used for sliding doors or windows. The fixable system glider are locked into the profile t-slot via M 4 grub screws.

Material: POM, black

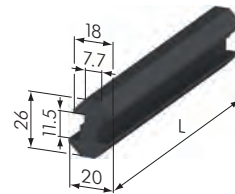
Supplied Length: max. 2950 mm



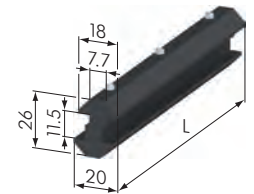
SZ1330S



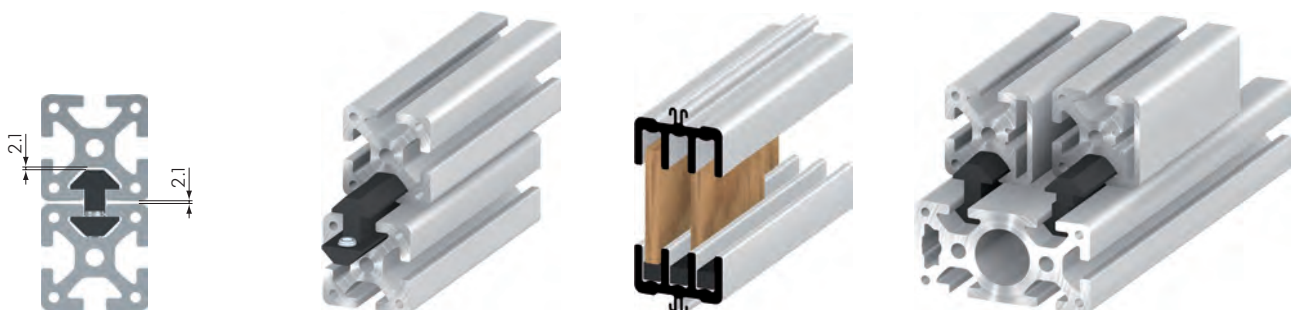
SZ1333S

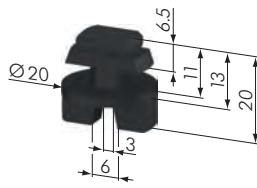


SZ1335S



SZ1338S





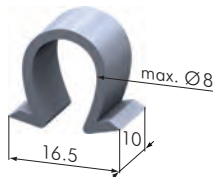
SZ1590S



Bin Locator		
Part No	Description	Weight
SZ1590S	Bin Locator	10 g

Application: The bin locator is locked into position by twisting the locator 90° into the profile t-slot. Storage boxes for small parts can be clamped into position for workspace assembly lines.

Material: PA, black



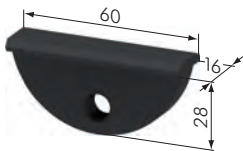
SZ1580N



Omega Clamp		
Part No	Description	Weight
SZ1580N	Omega Clamp, Type A	0,55 g

Application: The clamp is clipped into the t-slot. Using the clamp, pneumatic tubes, cable ducts or control lines can be attached to profiles of series 30 and 40.

Material: PP, grey



SZ1110S



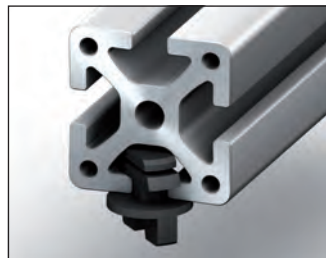
SZ1210V

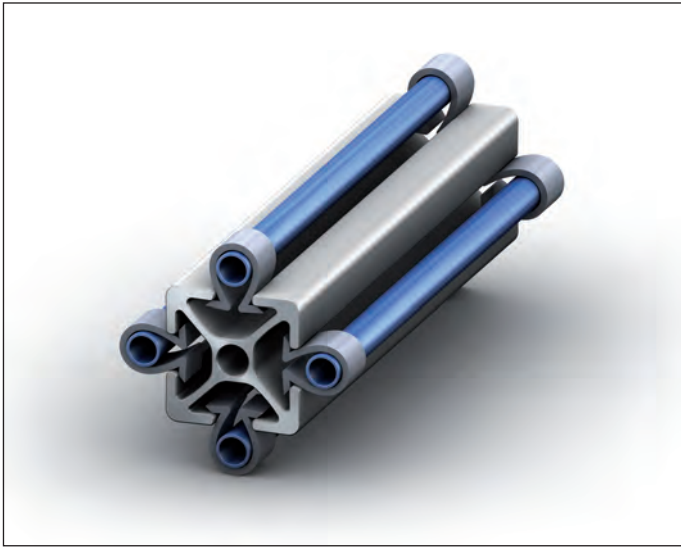
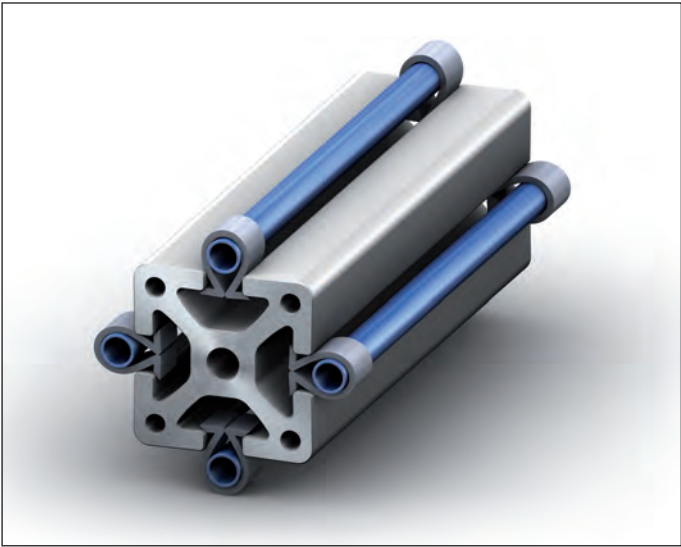
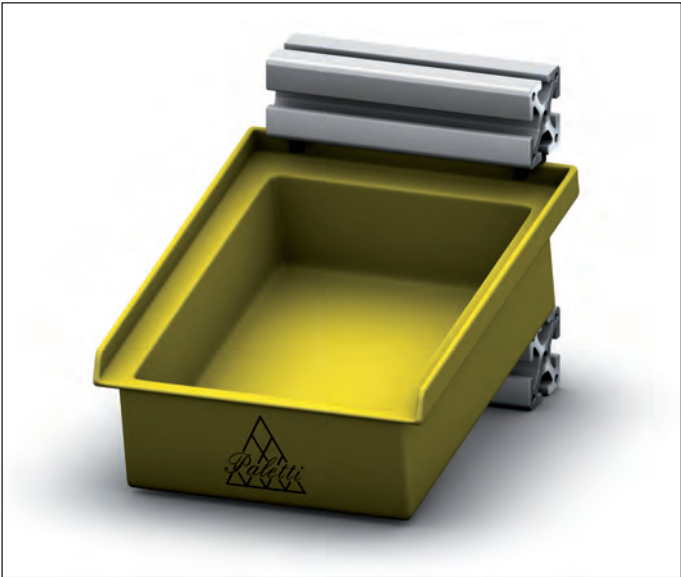


Glider / Spring Hook		
Part No	Description	Weight
SZ1110S	Glider	14 g
SZ1210V	Spring Hook	27 g

Application: For sliding suspended equipment. Spring hooks are used for holding tools.

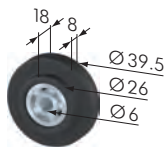
Material: glider: POM, black
spring hook: steel, zinc-plated



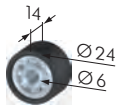


Omega are used to clamp conduits and compressed air lines etc. to any type of profile section that uses the M8 t-slot. If they are no longer needed, the clamps can be removed easily.

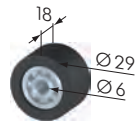




SZ2220S



SZ2210S



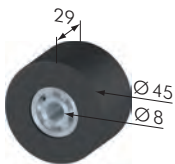
SZ2230S



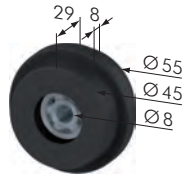
Rollers, POM		
Part No	Description	Weight
SZ2220S	Roller, POM	35 g
SZ2210S	Roller, POM, Ø 24	20 g
SZ2230S	Roller, POM, Ø 29	28 g

Application: The ball bearing roller is guided into the profile t-slot and can be used for flexible attachments of panel elements. Because of its asymmetrical construction, distances between the panel and profile can be adjusted.

Material: POM, black



SZ2420S



SZ2424S

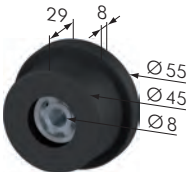


Load Bearing Rollers		
Part No	Description	Weight
SZ2420S	Load Bearing Roller 45	84 g
SZ2424S	Load Bearing Roller RM 45	80 g
SZ2422S	Load Bearing Roller RS 45	80 g
SZ2580Z	Fixing Set For Load Bearing Rollers	34 g

Application: Universal rollers that are designed to run in the profile t-slot.

Material: POM, black

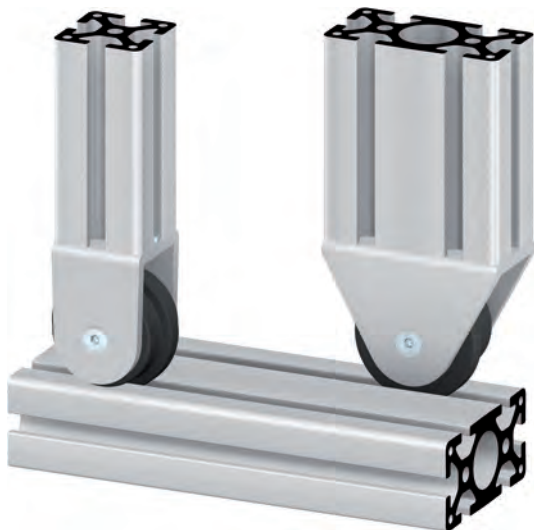
Acc.: **SZ2580Z:** 1x cap head screw M 8 x 35, DIN 6912
1x t-nut M 8 / ball-type, push-in
1x spacer ME2108197



SZ2422S



SZ2580Z



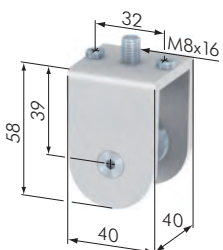
Roller Housings		
Part No	Description	Weight
SZ2620N	Roller Housing 40	70 g
SZ2640N	Roller Housing 80	160 g

Application: For attaching load bearing rollers to the profile.

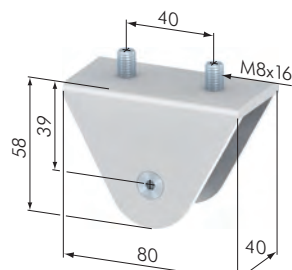
Material: aluminum, natural anodized

Supply: roller housing 40:
1x spacer; steel, zinc-plated
1x load bearing roller axle
2x countersink screw M 6 x 12, zinc-plated
1x button head screw M 8 x 16
2x SS9900V anti-twist set screw
1x roller housing 40

roller housing 80:
1x spacer; steel, zinc-plated
1x load bearing roller axle
2x countersink screw M 6 x 12, zinc-plated
2x button head screw M 8 x 16
1x roller housing 80



SZ2620N



SZ2640N

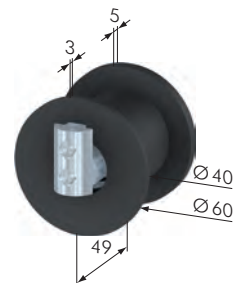
Stabilizing Roller, vertical profile

Part No	Description	Weight
SZ8044S	Stabilizing Roller, vertical profile	139 g

Application: Support roller for sliding panels.

Material: POM, black

Supply: 1 x special screw M 8
2 x spacer 12 x 18 x 12
2 x single groove bearing 6001
1 x t-nut M 8, ball-type, slide-in



SZ8044S

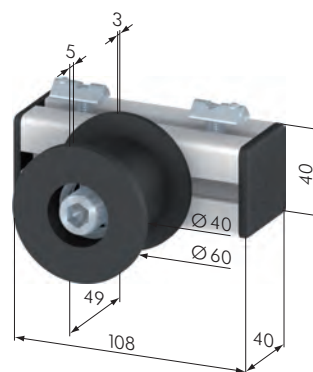
Stabilizing Roller, horizontal profile

Part No	Description	Weight
SZ8045S	Stabilizing Roller, horizontal profile	384 g

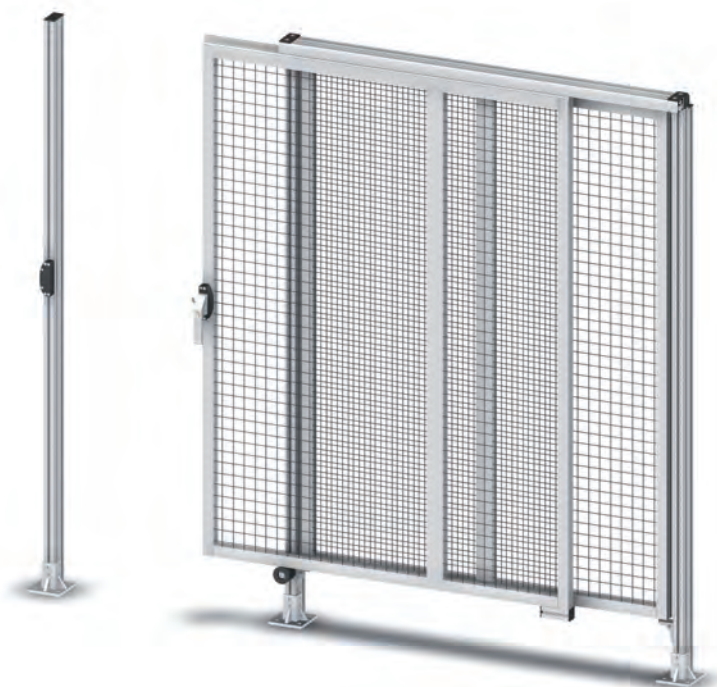
Application: Support roller for sliding panels.

Material: roller: POM, black
profile: aluminum, natural anodized

Supply: 1x special screw M 8
2x spacer 12 x 18 x 12
2x single groove bearing 6001
1x t-nut M 8 / ball-type, slide-in
1x SP5600N100 retaining profile
2x t-nut M 8 / ball-type, push-in
2x washer Ø 8 mm
2x cap head screw M 8 x 35
2x profile cap 40 x 40



SZ8045S



40

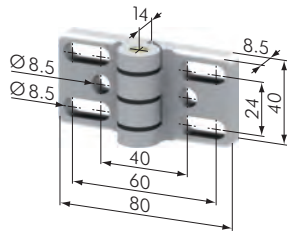
Hinges 40			
Part No	Description	Load	Weight
SZ0760N	Hinge 40, natural	F=750N	83 g
SZ0760S	Hinge 40, black		84 g
SZ0761S	Hinge 40 GDZn, black		190 g
SZ0762N	Hinge 40, with countersink Am 8		104 g
SZ0788V	Fixing Set For Hinges 40		68 g

Application: A medium to heavy load hinge for machines and protective guardings.

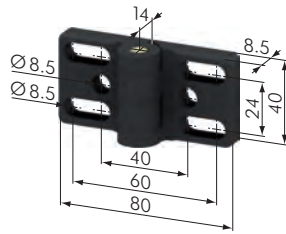
Material: Aluminum, natural anodized, black anodized or GDZn (zinc diecasting), black

Supply: 2x SS9900V anti-twist set screw

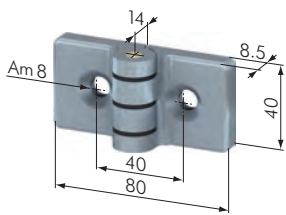
Acc.: SZ0788V: 2x special t-nut 2x M 8 / spring-loaded ball
4x button head screw M 8 x 18
4x washer Ø 8 mm



SZ0760N



SZ0760S



SZ0762N



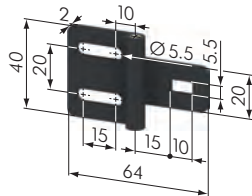
SZ0788V

40

Hinge 40, steel		
Part No	Description	Weight
SZ0760V	Hinge 40, steel	23 g

Application: A medium load hinge for machines and protective guardings.

Material: steel, black



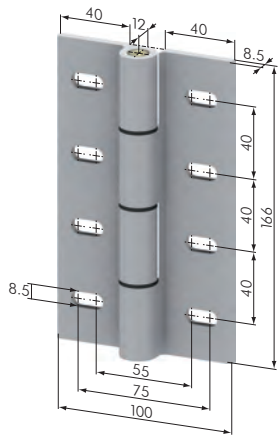
SZ0760V

40

Hinges 40		
Part No	Description	Weight
SZ0765N	Hinge 40 / L 124, natural	316 g
SZ0766N	Hinge 40 / L 166, natural	416 g
SZ0767N	Hinge 40 / L 166 heavy, natural	708 g

Application: A medium to heavy load hinge for machines and protective guardings.

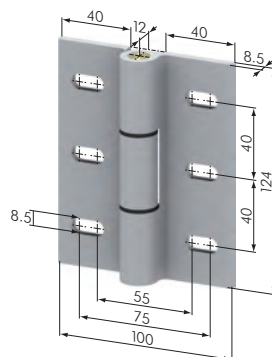
Material: aluminum, natural anodized



SZ0766N



SZ0767N



SZ0765N

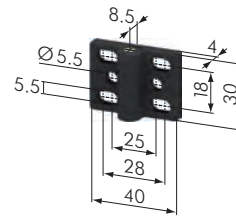
Hinges PA		
Part No	Description	Weight
SZ0715S	Hinge 20 / 20 PA	11.5 g
SZ0720S	Hinge 20 / 20 PA, complete	28.5 g
SZ0716S	Hinge 30 / 20 PA	12.6 g
SZ0721S	Hinge 30 / 20 PA, complete	33.0 g
SZ0717S	Hinge 30 / 30 PA	13.9 g
SZ0723S	Hinge 30 / 30 PA, complete	29.3 g
SZ0718S	Hinge 40 / 30 PA	27.0 g
SZ0724S	Hinge 40 / 30 PA, complete	90.0 g
SZ0719S	Hinge 40 / 40 PA	29.1 g
SZ0725S	Hinge 40 / 40 PA, complete	92.5 g
SZ0787V	Fixing Set For Hinge 30 PA	42 g

Application: door hinge for medium loads. These hinges are suitable to connect profiles from different profile ranges, like the hinge 40/30 PA that connects profiles 40 to profiles 30.

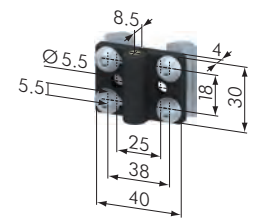
Material: PA, black

Supply: All hinges PA, complete are supplied with the appropriate fixing set. These fixing sets include all of the elements needed to connect both halves of the hinge with the respective profiles.

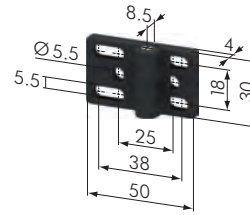
40
30
20



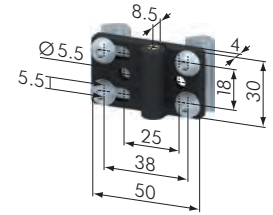
SZ0715S



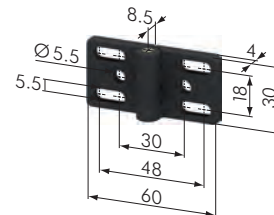
SZ0720S



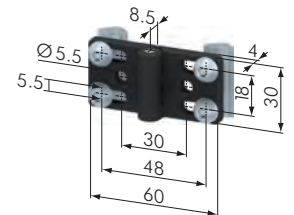
SZ0716S



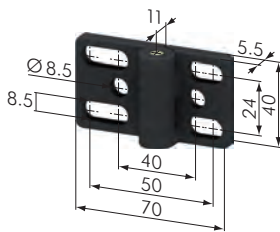
SZ0721S



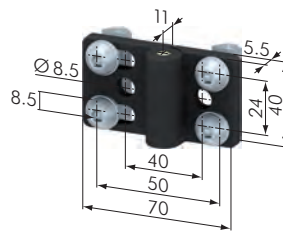
SZ0717S



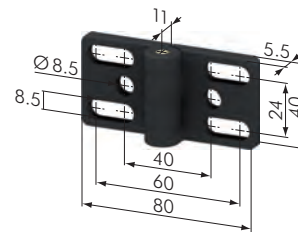
SZ0723S



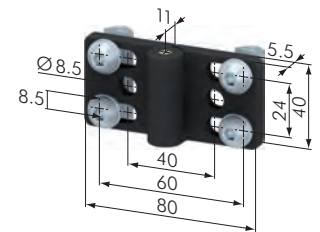
SZ0718S



SZ0724S



SZ0719S



SZ0725S

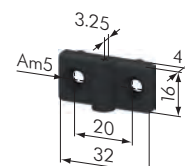
Hinges 20 PA		
Part No	Description	Weight
SZ0705S	Hinge 20 PA, left	16 g
SZ0706S	Hinge 20 PA, right	16 g
SZ0707S	Double Hinge 20 PA	21 g
SZ0785V	Fixing Set For Hinges 20	8 g

Application: A medium to heavy load hinge for machines and protective guardings. By using one right and one left-hand hinge, a non-lift-off door can be made.

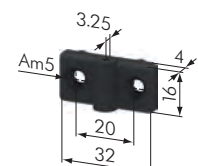
Material: PA, black

The fixing set SZ0785V is required twice for SZ0705S and SZ0706S, for SZ0707S three times.

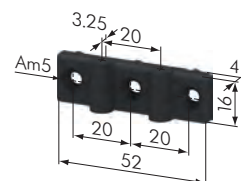
20



SZ0705S



SZ0706S

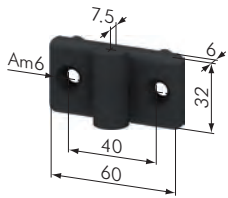


SZ0707S

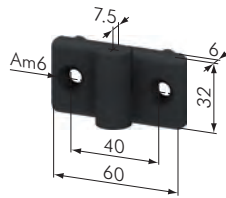


SZ0785V

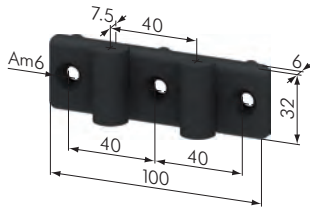
40



SZ0770S



SZ0771S



SZ0772S



SZ0789V

Hinges 32 PA		
Part No	Description	Weight
SZ0770S	Hinge 32 PA, left	21 g
SZ0771S	Hinge 32 PA, right	38 g
SZ0772S	Double Hinge 32 PA	21 g
SZ0789V	Fixing Set For Hinges 32	8 g

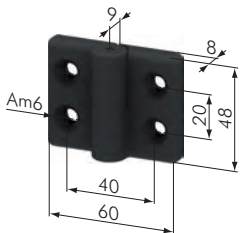
Application: A door hinge for machines and protective guardings, for light loads using profile range 40. The halves of hinge 32 PA can be combined with those of hinge 30 PA in order to connect profiles from different profile ranges.

Material: PA, black

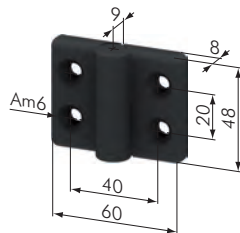
Acc.: SZ0789V: 1x countersink screw M 6 x 16, black
1x t-nut M 6 steel / PA

The fixing set SZ0789V is required twice for SZ0770S and SZ0771S, for SZ0772S three times.

40



SZ0773S



SZ0774S



SZ0791V

Hinges 48 PA		
Part No	Description	Weight
SZ0773S	Hinge 48 PA, left	40 g
SZ0774S	Hinge 48 PA, right	40 g
SZ0791V	Fixing Set For Hinges 48	22 g

Application: A medium to heavy load hinge for machines and protective guardings.

Material: PA, black

Acc.: SZ0791V: 2x countersink screw M 6 x 20, black
1x double t-nut 20 M 6

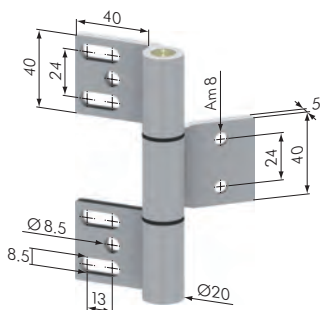
Two of the SZ0791V fixing sets are required in order to mount the hinge onto a profile.

40

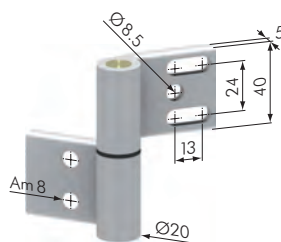
Hinges Al		
Part No	Description	Weight
SZ8012N	Hinge Al, with 12 mm bolt, 2-parts	36 g
SZ8013N	Hinge Al, with 12 mm bolt, 3-parts	54 g

Application: A medium to heavy load hinge for machines and protective guardings. Gap adjustment: 5 - 13 mm

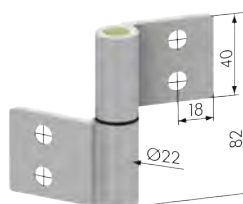
Material: aluminum, natural anodized



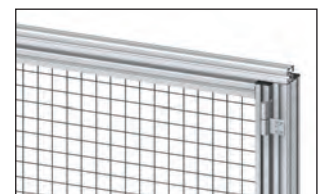
SZ8013N



SZ8012N



SZ8011N



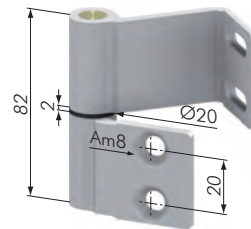
Hinge Al

Part No	Description	Weight
SZ8014N	Hinge, Al	198 g

Application: A medium to heavy hinge load for machines and protective guardings. Gap adjustment: 5 - 13 mm

Material: aluminum, natural anodized

40



SZ8014N



Hinges 30 PA

Part No	Description	Weight
SZ0775S	Hinge 30 PA, left	16 g
SZ0776S	Hinge 30 PA, right	21 g
SZ0777S	Double Hinge 30 PA	16 g
SZ0786V	Fixing Set For Hinges 30	8 g

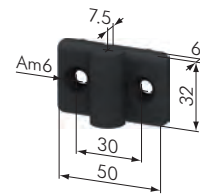
Application: A door hinge for machines and protective guardings, for light loads using profile range 30. The halves of hinge 30 PA can be combined with those of hinge 32 PA in order to connect profiles from different profile ranges.

Material: PA, black

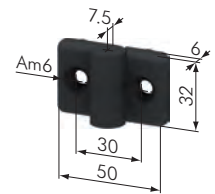
Acc.: SZ0786V: 1x countersink screw M 6 x 14, zinc-plated
1x t-nut M 6 steel / PA

Two of the SZ0786V fixing sets are required for SZ0775S and SZ0776V, and three are required for SZ0777S.

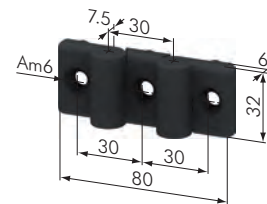
30



SZ0775S



SZ0776S



SZ0777S



SZ0786V

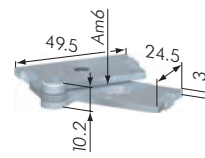
Hinge 30 VA

Part No	Description	Weight
SZ0730V	Hinge 30 VA, complete	64 g
SZ0790V	Fixing Set For Hinge 30 VA	34 g

Application: A medium to heavy load hinge for machines and guardings.

Material: stainless-steel

30



SZ0735V



SZ0790V



Hinge 30

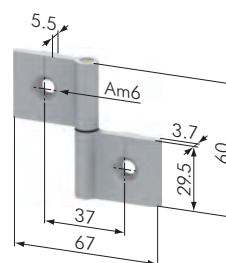
Part No	Description	Weight
SZ0735N	Hinge 30, natural	40 g
SZ0786V	Fixing Set For Hinge 30	8 g

Application: An aesthetically appealing hinge used in the gap between the door and the frame.

Material: aluminum, natural anodized

Acc.: SZ0786V: 1x countersink screw M 6 x 14, black
1x t-nut M 6 steel / PA
Two of the SZ0786V fixing sets are required in order to mount the hinge onto a profile.

30

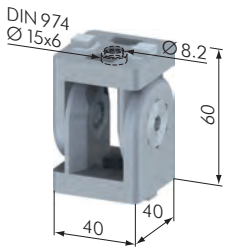


SZ0735V



SZ0786V





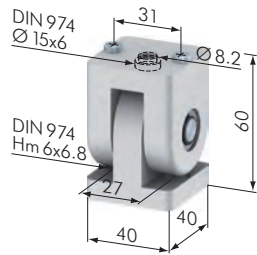
SZ1020N



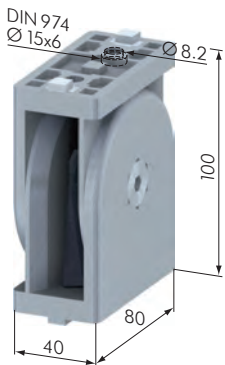
SZ1020S



SZ1021N



SZ1050N



SZ1022N



SZ1023N

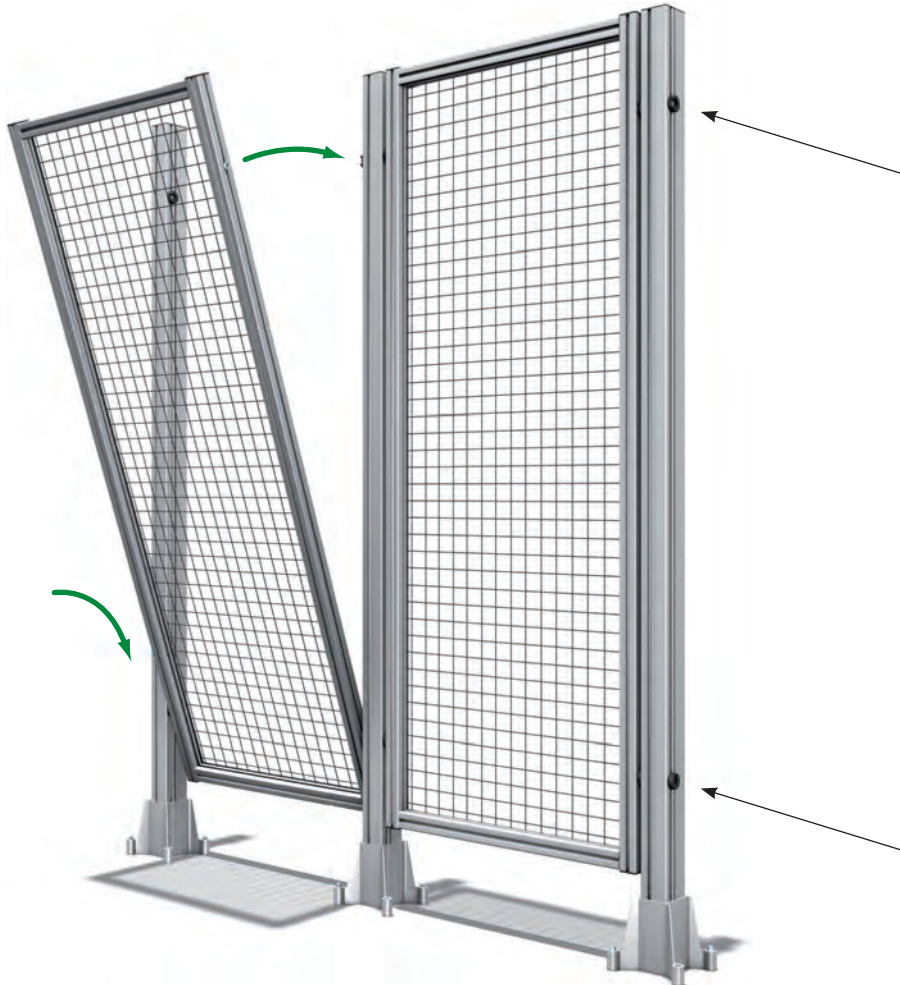
Heavy Duty Joints 40

Part No	Description	Weight
SZ1020N	Heavy Duty Joint 40 x 40, natural	293 g
SZ1020S	Heavy Duty Joint 40 x 40, black	293 g
SZ1021N	Heavy Duty Joint 40 x 40, with clamp lever	335 g
SZ1050N	Heavy Duty Joint 40 x 40, massive, natural	293 g
SZ1022N	Heavy Duty Joint 40 x 80, natural	480 g
SZ1023N	Heavy Duty Joint 40 x 80, with clamp lever	690 g

Application: For connecting two profiles at any angle up to 180° ($\pm 90^\circ$). The clamp lever facilitates easy positioning. For heavy duty joints without a clamp lever, the angle can be set by tightening the hexagon nuts.

Material: heavy duty joints: GDZn (zinc diecasting)
heavy duty joint, labored: aluminum, natural anodized

Mounting Elements According To Machinery Directive 2006 / 42 / EG



Mounting element is pivoted into the hanger.



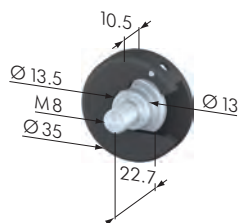
Fixing screw slides under the latch.



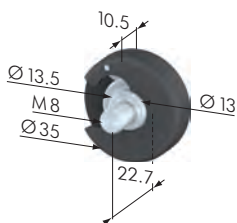
Fixing screw in end position. The latch secures and clamps the fixing screw.



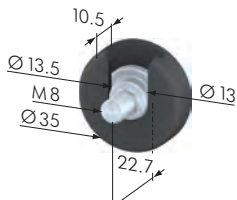
To unlock the element push the latch through the bore opening.



SZ0610S



SZ0611S



SZ0612S



Hangers 40 V and 40 U

Part No	Description	Weight
SZ0610S	Hanger 40 V Fastener R, black	32 g
SZ0611S	Hanger 40 V Fastener L, black	32 g
SZ0612S	Hanger 40 U, black	32 g

Application: For tool-free mounting of frame elements to support leg profiles for protection and separating walls.
According to machinery directive 2006 / 42 / EG.

Material: casing: aluminum, black anodized
latch, screws: steel, zinc-plated



Hangers 40

Part No	Description	Weight
SZ0601S	Hanger 40 PA	40 g
SZ0600V	Hanger 40, natural	115 g
SZ0600S	Hanger 40, black	115 g
SZ0682Z	Fixing Set For Hangers 40	28 g
SZ0685Z	Fixing Set For Hanger 40 V	

Application: For hanging frame elements to vertical profiles to make protective guardings or removable panels.
Mounting dimension per side: 20.5 - 23.0 mm

Material: SZ0601S: POM, black
SZ0600V: steel, zinc-plated
SZ0600S: steel, zinc-plated black

Acc.: SZ0682Z: 2x t-nut M 8 / ball-type, push-in
1x cap head screw M 8 x 12, zinc-plated
1x washer Ø 8 mm

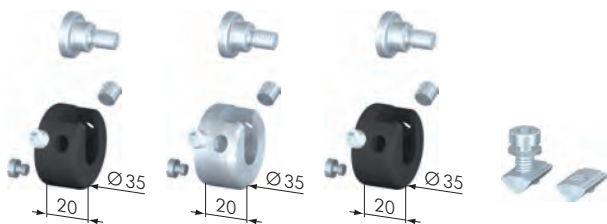


Hangers 40 SVPS

Part No	Description	Weight
SZ0602S	Hanger 40 SVPS, black	126.3 g
SZ0602V	Hanger 40 SVPS, natural	126.3 g

Application: For hanging frame elements to vertical profiles to make protective guardings or removable panels.
Mounting dimension per side: 20.5 - 23.0 mm

Material: SZ0602S: steel, zinc-plated black
SZ0602V: steel, zinc-plated



SZ0601S

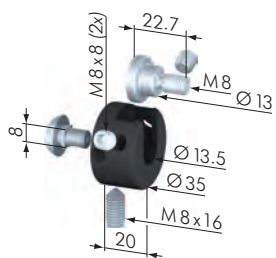
SZ0600V

SZ0600S

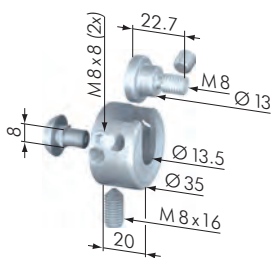
SZ0682Z



SZ0685Z



SZ0602S



SZ0602V

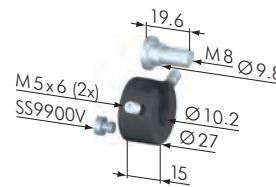
Hangers 30		
Part No	Description	Weight
SZ0604S	Hanger 30, black	60 g
SZ0604V	Hanger 30, natural	60 g
SZ0683Z	Fixing Set For Hangers 30	24 g

Application: For hanging frame elements to vertical profiles to make protective guardings or removable panels.

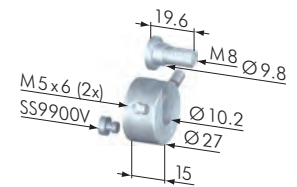
Material: SZ0604S: steel, black zinc-plated
SZ0604V: steel, zinc-plated

Acc.: SZ0683Z: 2x t-nut M 6 / ball-type, push-in
1x cap head screw M 6 x 10, zinc-plated
1x washer Ø 6 mm

30



SZ0604S



SZ0604V



SZ0683Z

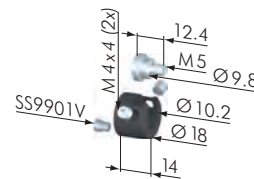
Hangers 20		
Part No	Description	Weight
SZ0603S	Hanger 20, black	26 g
SZ0603V	Hanger 20, natural	26 g
SZ0684Z	Fixing Set For Hangers 20	6 g

Application: For hanging frame elements to vertical profiles to make protective guardings or removable panels.

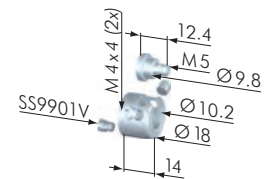
Material: SZ0603S: steel, black zinc-plated
SZ0603V: steel, zinc-plated

Acc.: SZ0684Z: 2x t-nut mini M 5 / ball-type, push-in
1x cap head screw M 5 x 10, zinc-plated
1x washer Ø 5 mm

20



SZ0603S



SZ0603V



SZ0684Z

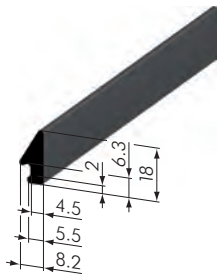


Panel hanger open.

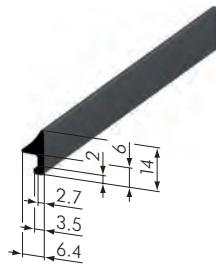


Fixing screw slides into the hanger and is secured by tightening both Allen set screws.

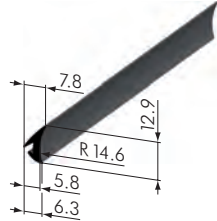




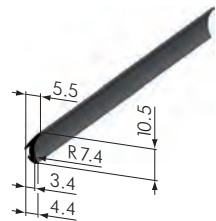
SZ1901S



SZ1900S



SZ1903S



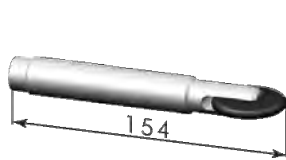
SZ1902S



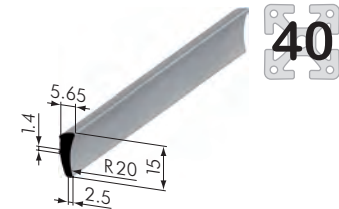
Sealing Rubbers		
Part No	Description	Weight
SZ1901S	Sealing Rubber 40 4 mm	60 g/m
SZ1900S	Sealing Rubber 40 6 mm	30 g/m
SZ1903S	Sealing Rubber 30 4 mm	50 g/m
SZ1902S	Sealing Rubber 30 6 mm	20 g/m
ST6400N	Assembly tool for sealing rubber 4 - 6 mm	

Application: For sealing flat panels in a frame. Provides an anti-vibration seal. Not suitable for wire mesh panels.

Material: EPDM
deterioration and ozone resistant
oil and water resistant



ST6400N



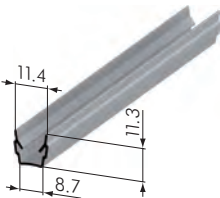
SZ1916N



Wedge Sealing 4		
Part No	Description	Weight
SZ1916N	Wedge Sealing 4	50 g/m

Application: For sealing 4 mm panels in a profile frame. Provides an anti-vibration seal. Not suitable for wire mesh panels.

Material: polypropylene, natural color



SZ1800N



SZ1802N

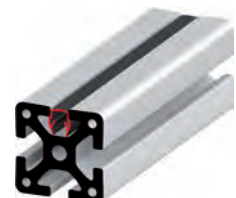
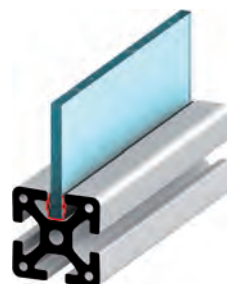
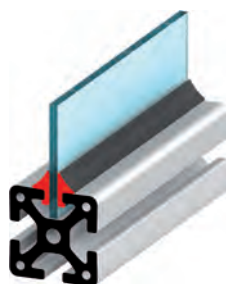
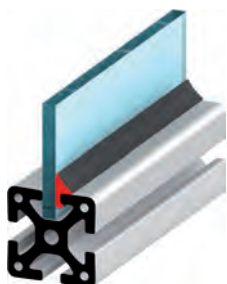
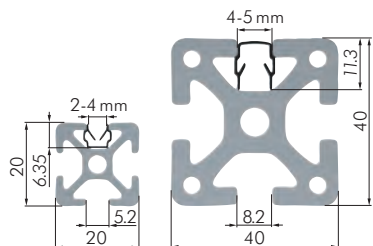


Edging and Covering Strips		
Part No	Description	Weight
SZ1800N	Edging And Covering Strip 40, natural	78 g
SZ1800S	Edging And Covering Strip 40, black	78 g
SZ1802N	Edging And Covering Strip 20, natural	37 g
SZ1802S	Edging And Covering Strip 20, black	37 g

Application: For covering the profile t-slot or for clamping sheet elements. Suitable for panel thicknesses between 2-4 mm (SZ1802) and 4-5 mm (SZ1800).

Material: polypropylene, natural or black

Supplied Length: 3000 mm

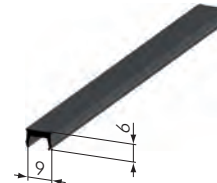


Slot Profiles 40

Part No	Description	Weight
SZ1820N	Slot Profile 40, natural	35 g
SZ1820S	Slot Profile 40, black	35 g

Application: For covering an 8 mm t-slot.

Material: polypropylene, natural or black
hardness 70° Shore A
oil and water resistant



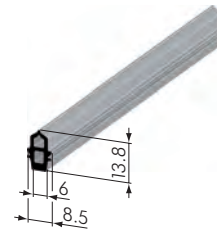
SZ1820S

Door Sealing 20

Part No	Description	Weight
SZ1905N	Door Sealing 20	67.5 g/m

Application: For sealing protection wall elements and sliding doors.

Material: EPDM
deterioration and ozone resistant
oil and water resistant



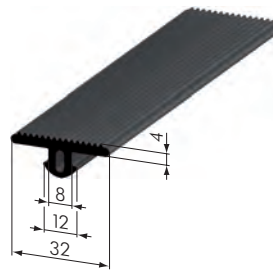
SZ1905N

Cover Profile

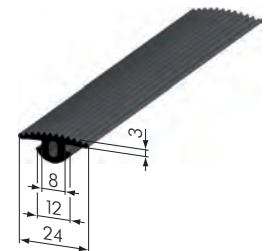
Part No	Description	Weight
SZ1912S	Cover Profile 16 x 2.2	60 g/m
SZ1914S	Cover Profile 24 x 3	140 g/m
SZ1910S	Cover Profile 32 x 4	160 g/m

Application: Suitable for covering profile surfaces. The rubber material provides a non-slip surface.

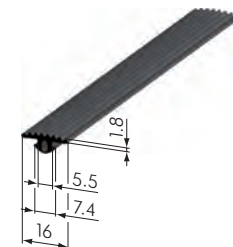
Material: NBR, black
hardness 70° Shore A
oil and water resistant



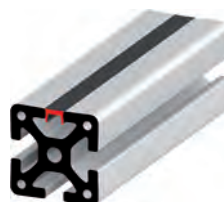
SZ1910S

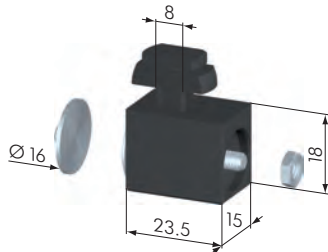
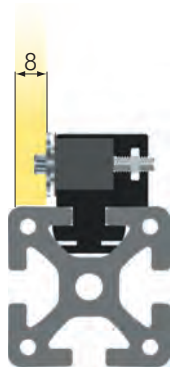


SZ1914S



SZ1912S





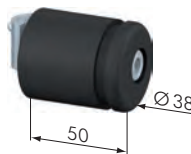
SZ1550S



Magnetic Catch Plates

Part No	Description	Weight
SZ1551S	Magnetic Catch Plate 2 mm	20 g
SZ1552S	Magnetic Catch Plate 4 mm	20 g
SZ1550S	Magnetic Catch Plate 6 mm	20 g
SZ1553S	Magnetic Catch Plate 8 mm	20 g

Application: Suitable for swing doors and windows. Steel stop plate is secured by using an industrial adhesive. Suitable for a panel thickness of max 8 mm. Adhesive force: 5 N



SZ8042S



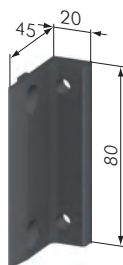
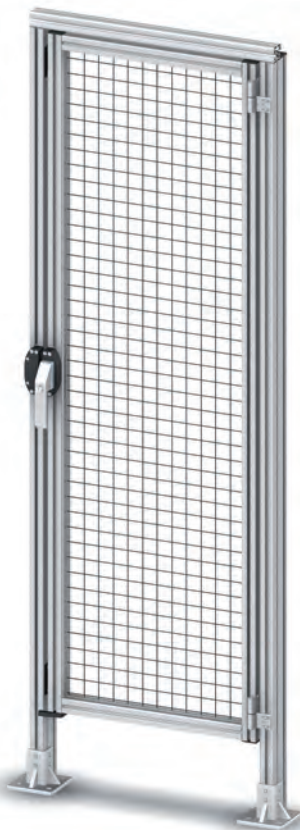
Door Stop, top, round (excentric)

Part No	Description	Weight
SZ8042S	Door Stop, top, round (excentric)	94 g

Application: Upper door stop with excentric adjustment and o-ring cushioning.

Material: POM, black

Supply: 1x cap head screw M 8 x 45
1x t-nut M 8 / ball-type, slide-in



SZ8046S



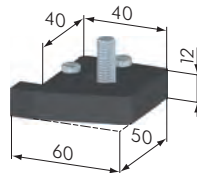
Door Stop

Part No	Description	Weight
SZ8046S	Door Stop	28 g

Application: Universally applicable door stop for protection and separating doors.

Material: POM, black

Zubehör: 2x countersink screw M 6 x 16
2x t-nut M 8 / ball-type, slide-in



SZ8041S

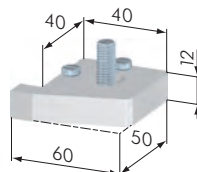


Door Stops, bottom

Part No	Description	Weight
SZ8041S	Door Stop, bottom (POM)	43 g
SZ8041N	Door Stop, bottom (aluminum)	75 g

Material: POM, black or aluminum, natural anodized

Supply: 2x SS9900V anti-twist set screw
1x countersink screw M 8 x 25

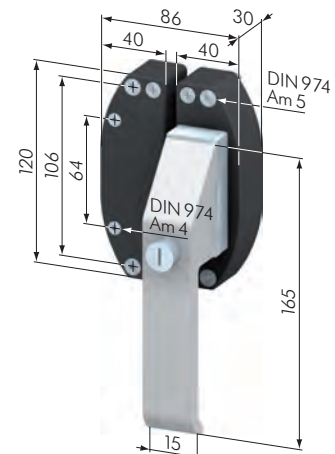


SZ8041N

Protection Wall Lock		
Part No	Description	Weight
SZ8018S	Protection Wall Lock	638 g

Application: Locking mechanism for swing or sliding doors. Distance dimension: 6 mm

Material: POM, black
aluminum, natural anodized
steel, zinc-plated



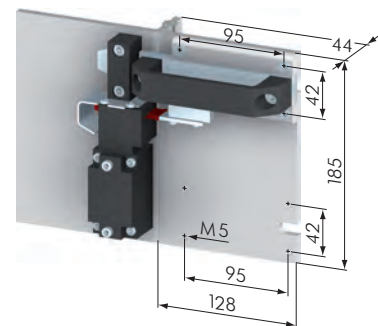
SZ8018S

Protection Wall Locking Mechanisms		
Part No	Description	Weight
SZ8016V	Protection Wall Locking Mechanism	1926 g
SZ8017V	Protection Wall Locking Mechanism w/ Transponder	1512 g

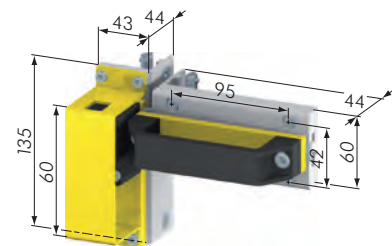
Application: For locking protection wall doors.

Material: aluminum, natural anodized
SZ8016V switch: Euchner NZ1VZ-538E-MC1233

Supply: Complete with fixing set.



SZ8016V



SZ8017V

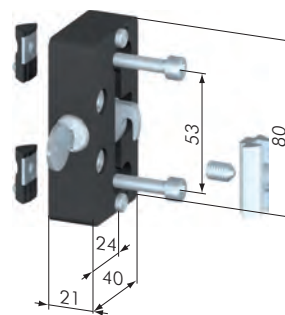
Door Locks		
Part No	Description	Weight
SZ0411S	Door Lock	217 g
SZ0410S	Cylinder Door Lock	154 g

Application: Locking mechanism for swing or sliding doors. Fitting can be either right or left-sided. The anti-twist security can be fitted in several ways.

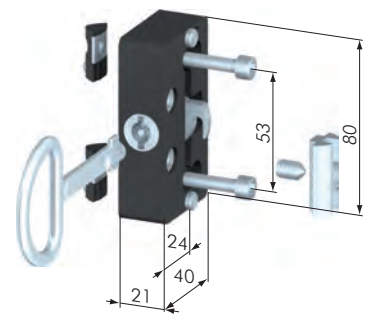
Supply: Complete with key, latching plate and fixing set.
2x cap head screw M 6 x 25, DIN 912
2x t-nut M 6 steel / PA
1x special t-nut with grub screw



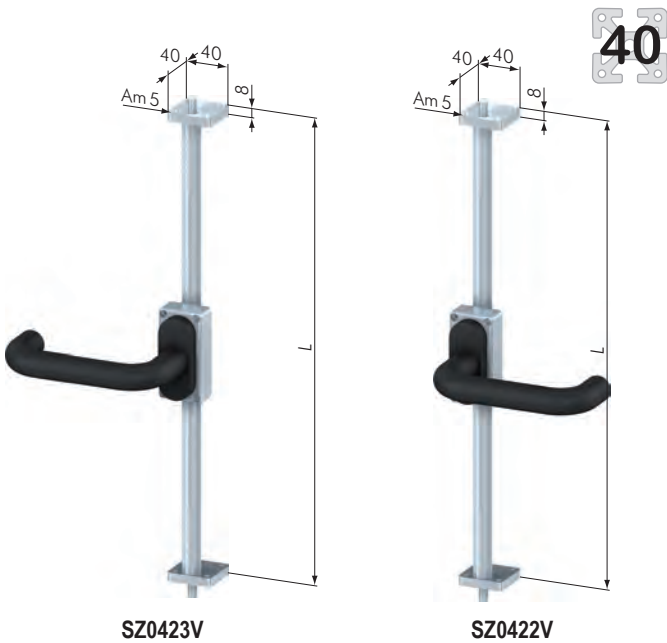
SZ0421N



SZ0410S



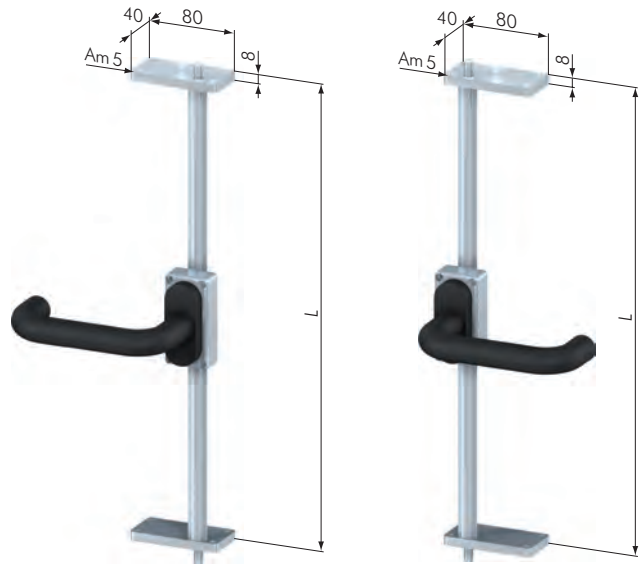
SZ0411S



SZ0423V

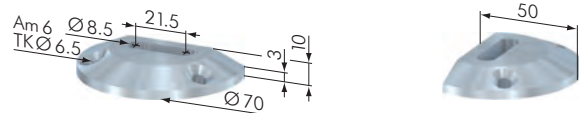
SZ0422V

Door Latches		
Part No	Description	Weight
SZ0420V	Catch Plate, door latch	135 g
SZ0422V	Door Latch 40 x 40, right	
SZ0423V	Door Latch 40 x 40, left	
SZ0424V	Door Latch 40 x 80, right	
SZ0425V	Door Latch 40 x 80, left	



SZ0425V

SZ0424V



SZ0420V



SZ8019V

SZ8020V

SZ0450V

Protection Wall Latches		
Part No	Description	Weight
SZ8019V	Protection Wall Latch, for double doors	
SZ8020V	Protection Wall Latch, for single doors	
SZ0450V	Set Of Shoot Bolts	

Application: For locking single or double doors. Also mountable without any machining (SZ8019V, SZ8020V).

Material: aluminum, natural anodized
fixing plate, t-nut profile: steel, zinc-plated
handle: PA, black

Acc.: 1x profile 16 x 40 or 16 x 80
1x catch plate, door latch, top
1x catch plate, door latch, bottom
1x door latch
1x angle 40 x 60, with accessories
1x fixing plate, top

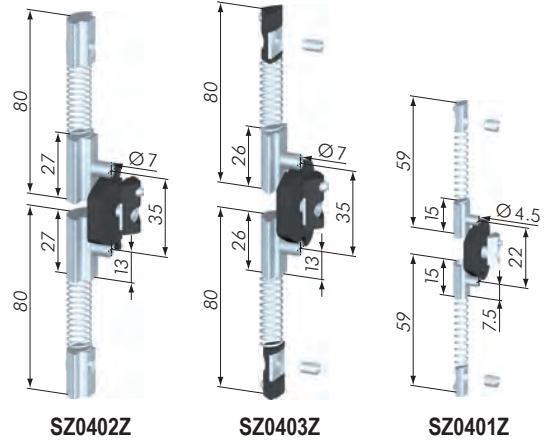
Spring Door Catches

Part No	Description	Width	Weight
SZ0402Z	Spring Door Catch 40	9 mm	73 g
SZ0403Z	Spring Door Catch 30	9 mm	50 g
SZ0401Z	Spring Door Catch 20	6.5 mm	16.1 g

Application: Catch for swing doors.



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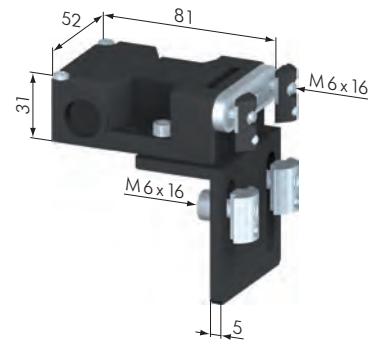
Safety Interlocks

Part No	Description	Weight
SZ0510S	Safety Interlock, with one contact	260 g
SZ0512S	Safety Interlock, with two contacts	260 g

Application: For electronic monitoring of doors. Can be mounted on the left or right side. The closing force amounts to 15 N, the holding force 5 N.

Supply: Complete with fixing set.

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SZ0512S



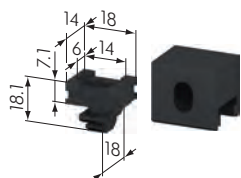
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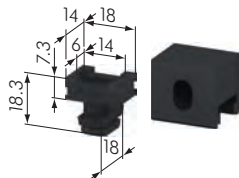
SZ1540S



SZ1510S



insert for SZ1540S



insert for SZ1510S

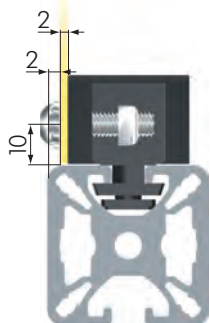
Fixing Blocks		
Part No	Description	
SZ1540S	Fixing Block 30 vario	14 g
SZ1510S	Fixing Block 40 vario	27 g
SZ1512S	Fixing Block 40 / 2	19 g
SZ1514S	Fixing Block 40 / 4	16 g
SZ1516S	Fixing Block 40 / 6	14 g
SZ1518S	Fixing Block 40 / 8	10 g

Application: SZ1512S is to be used for mounting 2 mm, SZ1514S for 4 mm, SZ1516S for 6 mm and SZ1518S for 8 mm panels to profiles with an 8 mm t-slot. SZ1540S and SZ1510S facilitate the entire 2 - 8 mm range of panels. An M 6 screw is required for installation.

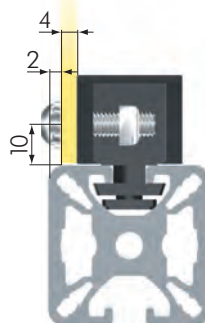
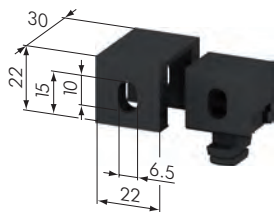
Material: PA, black

Acc.: SZ1510S fixing block 40 Vario and SZ1540S fixing block 30 Vario are complete sets.

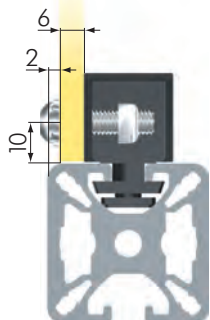
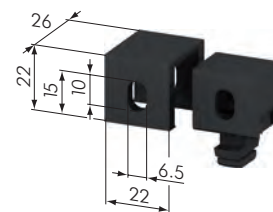
They comprise four different sized, removable caps to accommodate panels with 2 - 8 mm thickness.



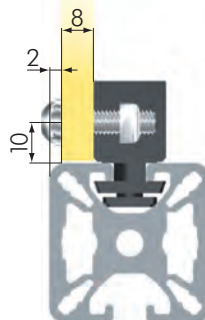
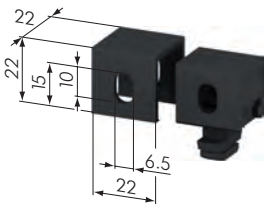
SZ1512S



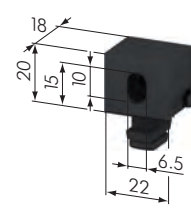
SZ1514S



SZ1516S



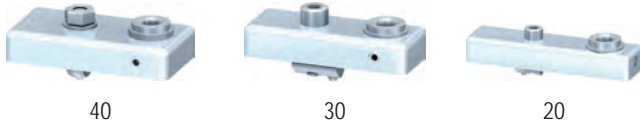
SZ1518S



PALETTI

PRECISE, LONG-LASTING, INDIVIDUALLY

TOOLS AND SCREWS



Drill Jigs



Spiral Drills

Short Step Drills

Drills



Hexagon Keys, with or without ball head



Hexagon Keys, with t-handle

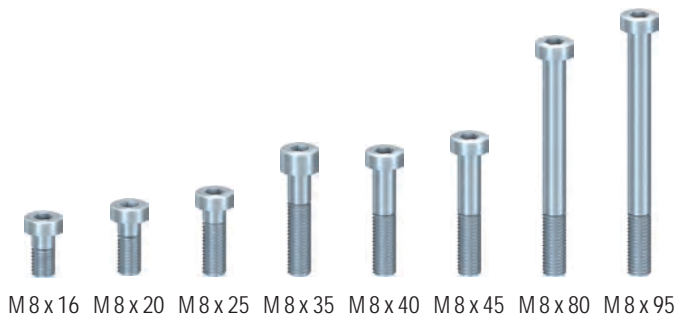


Screwdriver, with ball head

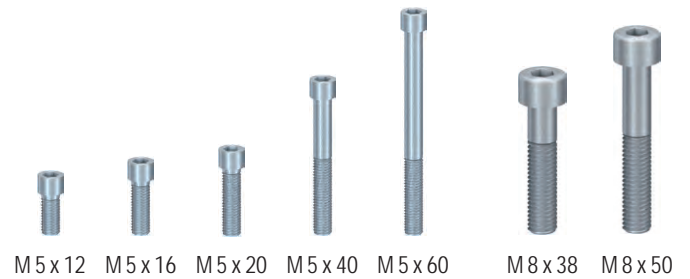


Ratchet Wrench

Hexagon Keys

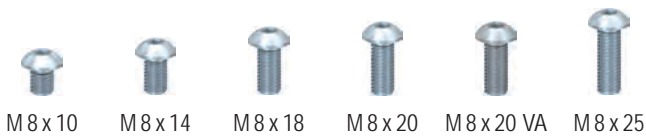


Cap Head Screws, M5 – M8



Special Cap Head Screws, head Ø7

corrosion-resistant



M8 x 10

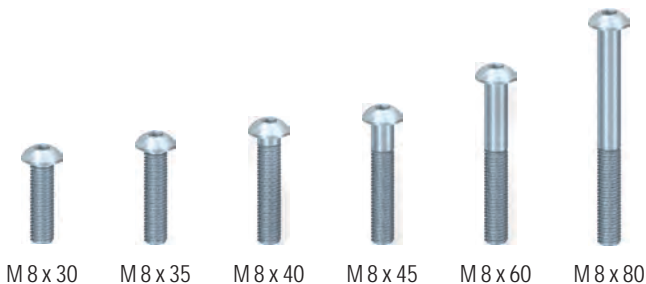
M8 x 14

M8 x 18

M8 x 20

M8 x 20 VA

M8 x 25



M8 x 30

M8 x 35

M8 x 40

M8 x 45

M8 x 60

M8 x 80

Button Head Screws, M5 – M8



Sanding Block

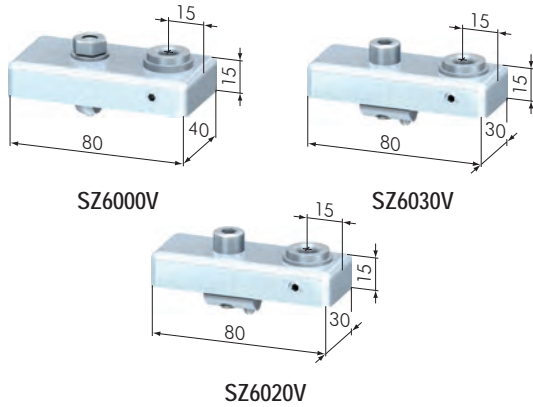


Cutting Fluid



Shaft Oil

0 Tools And Screws
2 Drill Jigs, Drills, Cutting Fluid



SZ6000V

SZ6030V

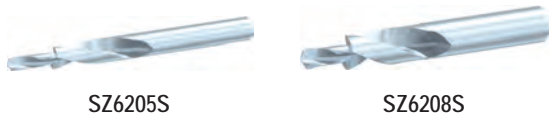
SZ6020V



SZ6280S

SZ6285S

SZ6320S



SZ6205S

SZ6208S



SZ6002V

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30
20

Drill Jigs		
Part No	Description	Weight
SZ6000V	Drill Jig 40	382 g
SZ6030V	Drill Jig 30 midi	264 g
SZ6020V	Drill Jig 20 mini	153 g

Application: Used for positioning the hole for the central fastener housing.

Material: steel, zinc-plated
 drill bush hardened and ground

Spiral Drills		
Part No	Description	Weight
SZ6280S	Spiral Drill Ø 8	
SZ6285S	Spiral Drill Ø 8,5	
SZ6320S	Spiral Drill Ø 12	

Application: For drilling profiles.

40

Short Step Drills		
Part No	Description	Weight
SZ6205S	Short Step Drill 180° M 5 (Ø 5,7 / 10 mm)	
SZ6206S	Short Step Drill 180° M 6 (Ø 6,8 / 11 mm)	
SZ6208S	Short Step Drill 180° M 8 (Ø 8,4 / 15 mm)	

Application: Used for drilling holes for cap head screws DIN 974.

Aluminum Cutting Fluid		
Part No	Description	Quantity
SZ6002V	Aluminum Cutting Fluid	400 ml

Application: Applied when drilling or tapping holes in profiles.

Hexagon Keys		
Part No	Description	Length
SZ6100V	Hexagon Key SW 3	20 x 126 mm
SZ6102V	Hexagon Key SW 4	25 x 142 mm
SZ6103V	Hexagon Key SW 5	28 x 160 mm
SZ6104V	Hexagon Key SW 6	32 x 180 mm
SZ6106V	Hexagon Key SW 8	36 x 200 mm

Application: Metric hexagon keys to fasten all hexagon screws.

Material: chrome-vanadium-steel, nickel-plated surface



SZ6106V

Hexagon Keys, with ball head		
Part No	Description	Length
SZ6121V	Hexagon Key SW 3, with ball head	22 x 120 mm
SZ6122V	Hexagon Key SW 4, with ball head	24 x 135 mm
SZ6123V	Hexagon Key SW 5, with ball head	28 x 150 mm
SZ6124V	Hexagon Key SW 6, with ball head	32 x 170 mm
SZ6126V	Hexagon Key SW 8, with ball head	36 x 195 mm

Application: Metric hexagon keys to fasten all hexagon screws. Long end ball head can be positioned at an angle of up to 30°.

Material: chrome-vanadium-steel, nickel-plated surface



SZ6126V

Screwdrivers, with ball head		
Part No	Description	Blade
SZ6131V	Screwdriver SW 3, with ball head	100 mm
SZ6132V	Screwdriver SW 4, with ball head	100 mm
SZ6133V	Screwdriver SW 5, with ball head	100 mm
SZ6134V	Screwdriver SW 6, with ball head	125 mm
SZ6136V	Screwdriver SW 8, with ball head	150 mm

Application: Metric hexagon keys to fasten all hexagon screws. Long end ball head can be positioned at an angle of up to 30°.

Material: Handle manufactured of solid plastic. Key made of chrome-vanadium-steel with ball head; nickel-plated surface.



SZ6136V

O Tools And Screws
4 Hexagon Keys



SZ6146V

Hexagon Key, with t-handle		
Part No	Description	Blade
SZ6142V	Hexagon Key SW 4, with t-handle	100 mm
SZ6143V	Hexagon Key SW 5, with t-handle	100 mm
SZ6144V	Hexagon Key SW 6, with t-handle	100 mm
SZ6146V	Hexagon Key SW 8, with t-handle	100 mm

Application: Metric hexagon keys to fasten all hexagon screws.

Material: chrome-vanadium-steel, nickel-plated surface



SZ6156V

Hexagon Key, with t-handle		
Part No	Description	Blade
SZ6151V	Hexagon Key SW 3, with t-handle, long	200 mm
SZ6152V	Hexagon Key SW 4, with t-handle, long	200 mm
SZ6153V	Hexagon Key SW 5, with t-handle, long	200 mm
SZ6154V	Hexagon Key SW 6, with t-handle, long	200 mm
SZ6156V	Hexagon Key SW 8, with t-handle, long	200 mm

Application: Metric hexagon keys to fasten all hexagon screws.

Material: chrome-vanadium-steel, nickel-plated surface



SZ6190V

Ratchet Wrench 1/4", Hexagon Bits		
Part No	Description	Weight
SZ6190V	Ratchet Wrench 1/4"	120 g
SZ6193K	Hexagon Bit SW 3, short	
SZ6194K	Hexagon Bit SW 4, short	
SZ6195K	Hexagon Bit SW 5, short	
SZ6196K	Hexagon Bit SW 6, short	
SZ6198K	Hexagon Bit SW 8, short	

Application: Solid and durable ratchet handle with lever switch. Fulfills high torque requirement. 45 teeth, one-finger-switch, extra four-side 1/4" hex drive adapter with bit ejector.



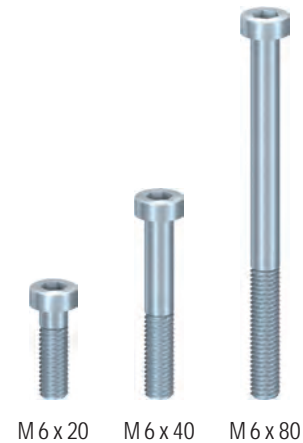
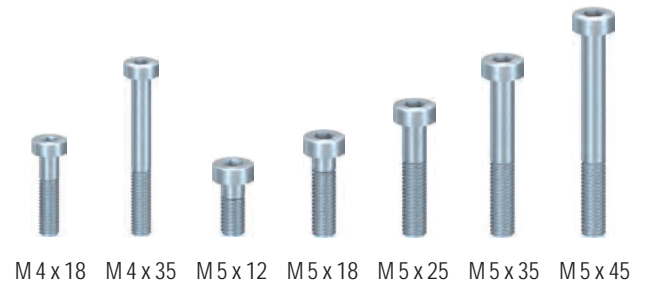
SZ6193K SZ6194K SZ6195K SZ6196K SZ6198K

Cap Head Screws, DIN 6912

Part №	Description	Weight
SS2218V	Cap Head Screw M 4 x 18	2 g
SS2235V	Cap Head Screw M 4 x 35	4 g
SS2312V	Cap Head Screw M 5 x 12	3 g
SS2318V	Cap Head Screw M 5 x 18	3 g
SS2325V	Cap Head Screw M 5 x 25	4 g
SS2335V	Cap Head Screw M 5 x 35	6 g
SS2345V	Cap Head Screw M 5 x 45	7 g
SS2420V	Cap Head Screw M 6 x 20	5 g
SS2440V	Cap Head Screw M 6 x 40	9 g
SS2480V	Cap Head Screw M 6 x 80	17 g
SS2516V	Cap Head Screw M 8 x 16	9 g
SS2520V	Cap Head Screw M 8 x 20	10 g
SS2525V	Cap Head Screw M 8 x 25	12 g
SS2535V	Cap Head Screw M 8 x 35	13 g
SS2538V	Cap Head Screw M 8 x 38	17 g
SS2540V	Cap Head Screw M 8 x 40	17 g
SS2545V	Cap Head Screw M 8 x 45	19 g
SS2580V	Cap Head Screw M 8 x 80	32 g
SS2595V	Cap Head Screw M 8 x 95	37 g

Application: For screw connections.

Material: DIN 6912; steel, zinc-plated; strength class 8.8;
hexagon socket



Button Head Screws, ISO 7380

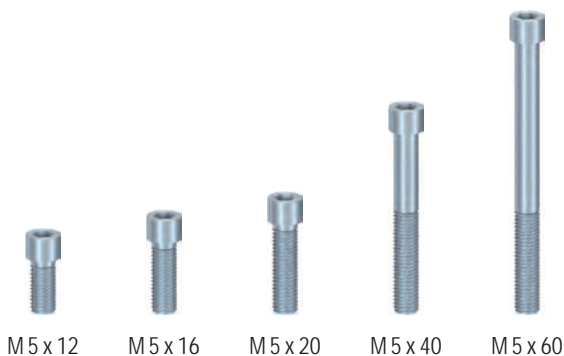
Part №	Description	Weight
SS0308V	Button Head Screw M 5 x 8	2 g
SS0310V	Button Head Screw M 5 x 10	2 g
SS0312V	Button Head Screw M 5 x 12	2 g
SS0316V	Button Head Screw M 5 x 16	3 g
SS0320V	Button Head Screw M 5 x 20	3 g
SS0325V	Button Head Screw M 5 x 25	4 g
SS0420V	Button Head Screw M 6 x 20	4 g
SS0425V	Button Head Screw M 6 x 25	5 g
SS0430V	Button Head Screw M 6 x 30	6 g
SS0435V	Button Head Screw M 6 x 35	7 g
SS0610V	Button Head Screw M 8 x 10	5 g
SS0614V	Button Head Screw M 8 x 14	7 g
SS0616V	Button Head Screw M 8 x 16	7 g
SS0618V	Button Head Screw M 8 x 18	8 g
SS0620R	Button Head Screw M 8 x 20 VA	9 g
SS0620V	Button Head Screw M 8 x 20	9 g
SS0625V	Button Head Screw M 8 x 25	10 g
SS0630V	Button Head Screw M 8 x 30	12 g
SS0635V	Button Head Screw M 8 x 35	13 g
SS0640V	Button Head Screw M 8 x 40	
SS0645V	Button Head Screw M 8 x 45	17 g
SS0660V	Button Head Screw M 8 x 60	22 g

Application: For screw connections.

Material: ISO 7380; steel, zinc-plated; strength class 10.9;
hexagon socket



0 Tools And Screws
6 Special Cap Head Screws



M 5 x 12 M 5 x 16 M 5 x 20 M 5 x 40 M 5 x 60

Special Cap Head Screws		
Part No	Description	Weight
SS9012V	Cap Head Screw, head Ø 7, M 5 x 12	2 g
SS9016V	Cap Head Screw, head Ø 7, M 5 x 16	3 g
SS9020V	Cap Head Screw, head Ø 7, M 5 x 20	4 g
SS9040V	Cap Head Screw, head Ø 7, M 5 x 40	6 g
SS9060V	Cap Head Screw, head Ø 7, M 5 x 60	9 g

Application: For screw connections, where holes need to be drilled only on the outside of the profile e.g. for plates in pneumatic applications.

Material: steel, zinc-plated; hexagon socket



M 8 x 38 M 8 x 50

Cap Head Screws, DIN 912		
Part No	Description	Weight
SS2538D	Cap Head Screw M 8 x 38, corrosion-resistant	17 g
SS2550D	Cap Head Screw M 8 x 50, corrosion-resistant	23 g

Application: Socket head screws with special coating to prevent corrosion between the screw and aluminium.



SS8204V SS8205V SS8206V SS8208V

Security Washers		
Part No	Description	Weight
SS8204V	Security Washer Ø 4 mm	
SS8205V	Security Washer Ø 5 mm	
SS8206V	Security Washer Ø 6 mm	
SS8208V	Security Washer Ø 8 mm	

Application: Security Washer.

Material: steel, zinc-plated



SZ6001V

SZ6003V

Sanding Block		
Part No	Description	Weight
SZ6001V	Sanding Block	

Application: The eraser is used to clean the surfaces of aluminum profiles that have marks and small scratches.

Shaft Oil		
Part No	Description	Quantity
SZ6003V	Shaft Oil	400 ml

Application: To oil the felt inserts in wiper and lubrication systems. Can also be applied directly to steel surfaces for lubrication and protection.

Paletti catalogs available on <https://paletti-group.com/media-center/>



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